

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

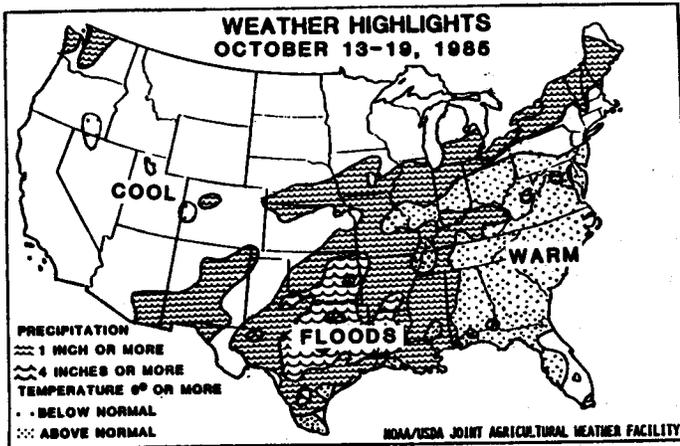
Volume 72, No. 42

WASHINGTON, D.C.

Oct. 22, 1985

National Weather Summary

October 13 to 19, 1985



WEDNESDAY...An upper-air disturbance brought heavy rains to southeastern Arizona and to New Mexico and southwest Texas. Rainshowers and thunderstorms occurred along the Gulf Coast, in association with a stationary front. Scattered thundershowers moved across Florida. Rain fell in western Montana. Skies were clear in much of the Northeast. Temperatures were below normal in the northern Plains, above normal in the Southeast, but cooler than on Tuesday.

THURSDAY...Rainshowers and thunderstorms developed over Texas, and extended northward into Oklahoma. A few showers continued over the southern Rockies. Rainshowers and thunderstorms were scattered over Florida, Georgia, and Alabama. Rain fell over parts of the central Plains from Iowa to upper Michigan. Fair weather prevailed over most of the Nation west of the Rockies, over the northern Plains, and over New England. Temperatures were mostly near normal in the North, and above normal in the South.

FRIDAY...Flooding occurred over much of north central and northeast Texas, and southern and eastern Oklahoma. Showers and thunderstorms continued from southwest Texas northeastward through Oklahoma, Kansas, Arkansas, Nebraska, Iowa, southeastern Minnesota, northern Illinois, southwestern Wisconsin, lower Michigan, and northern Indiana. There were also scattered thunderstorms over the east coast of Florida, south Florida, central Mississippi, and across Louisiana.

SATURDAY...Moderate to heavy showers and thunderstorms continued over the lower Mississippi Valley and the southern Plains. Principal States affected were Texas, Oklahoma, Louisiana, and Arkansas. Also, scattered showers and thunderstorms were over Florida and along the South Atlantic Coast. Widespread rainshowers were from
(Continued to back cover)

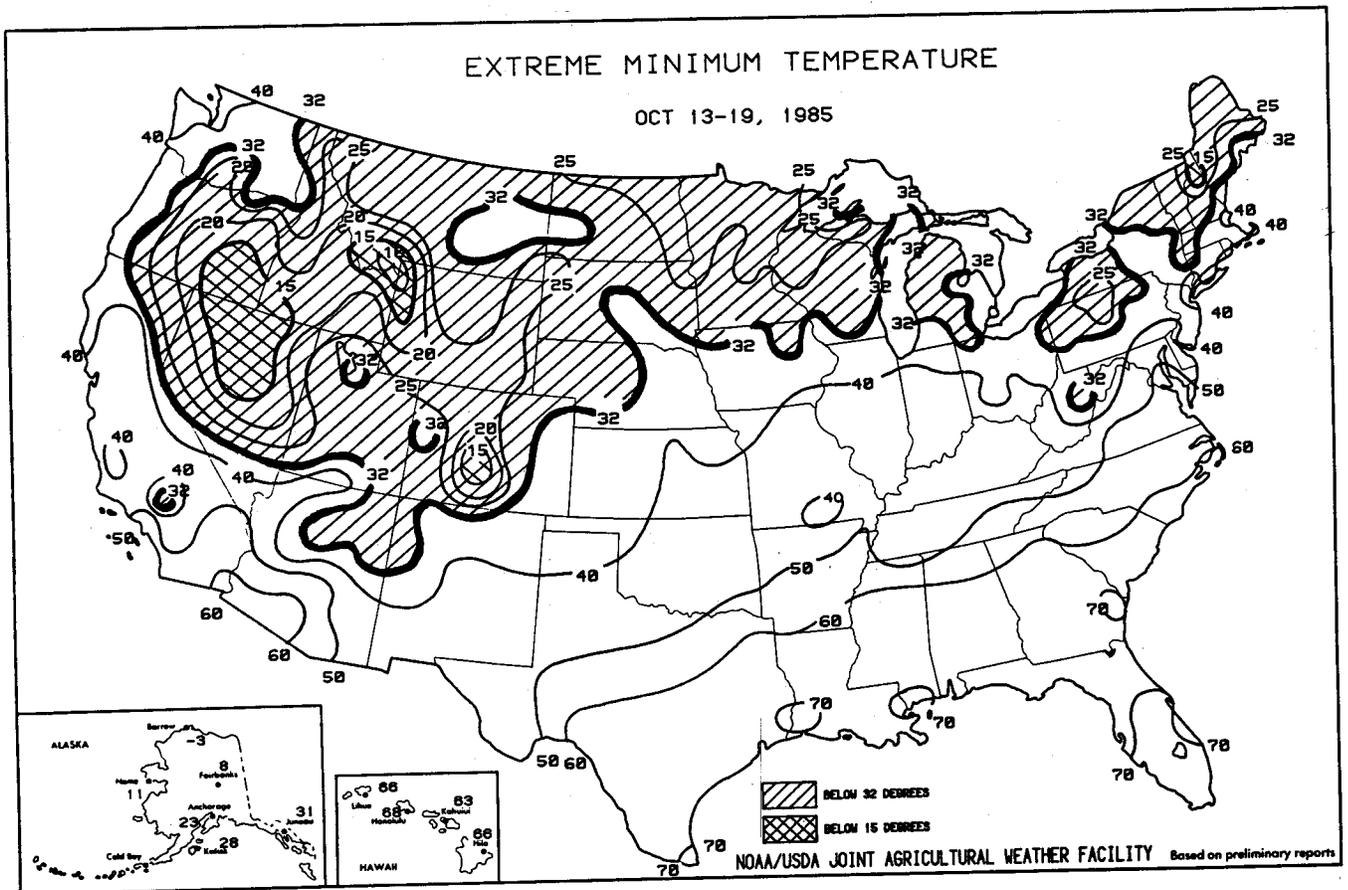
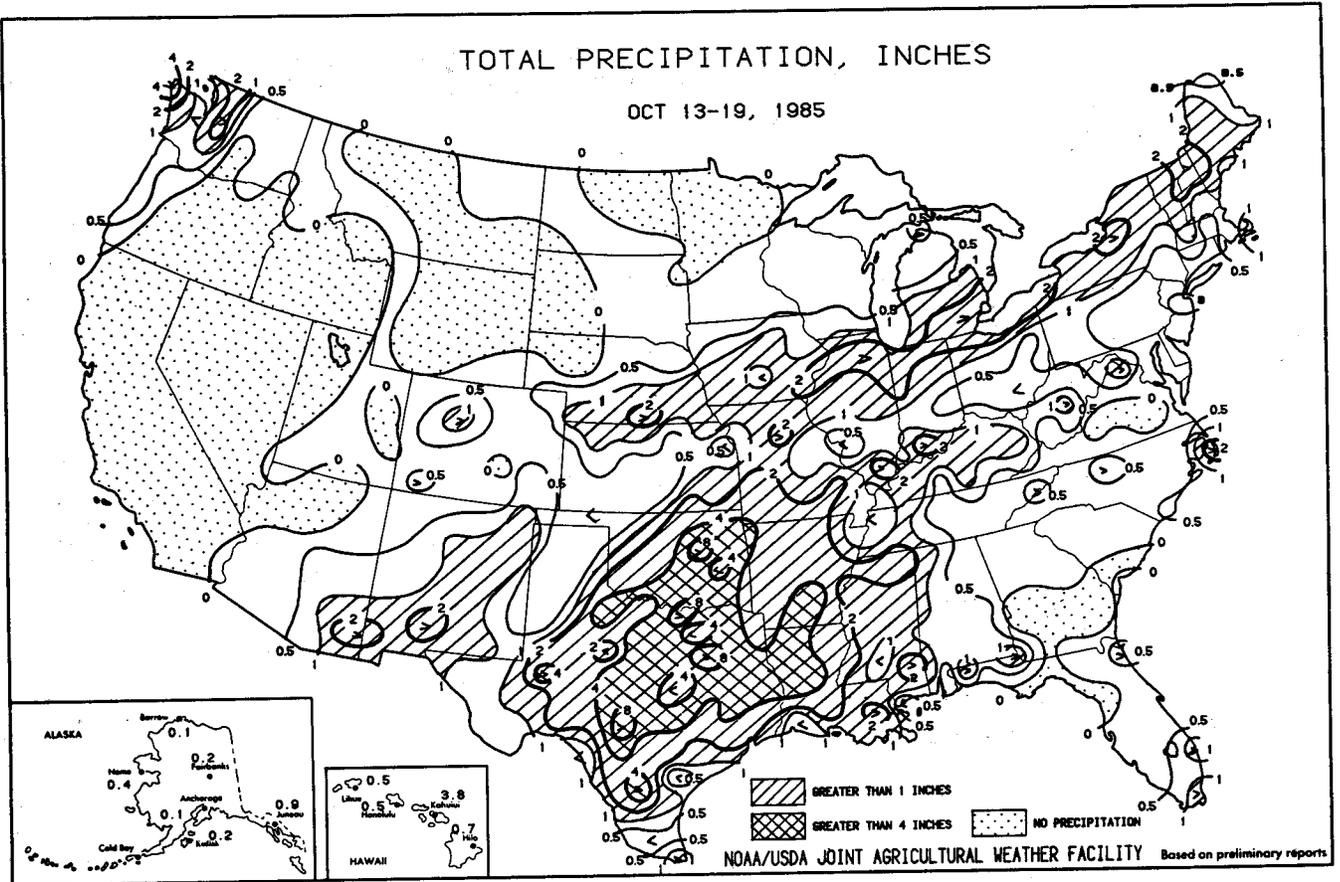
HIGHLIGHTS: Several days of moderate to heavy showers and thunderstorms brought flooding to parts of the southern Plains and lower Mississippi Valley. Texas, Oklahoma, Arkansas, and Louisiana were most severely affected by the heavy rains. Some locations in Texas and Oklahoma reported weekly precipitation totals in excess of 8 inches.

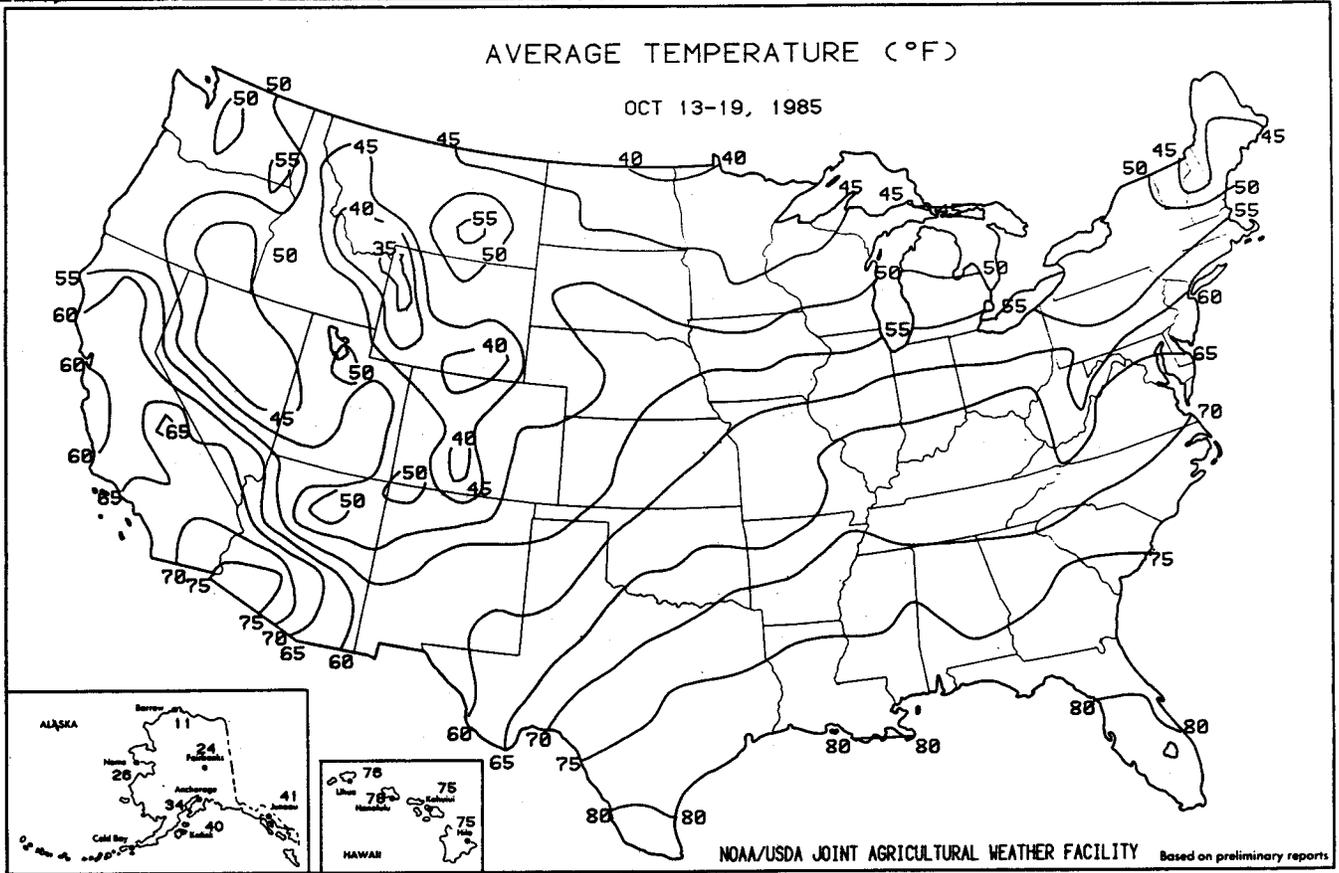
SUNDAY...Numerous rainshowers and thunderstorms developed over the southern Plains, the lower Mississippi Valley, and the lower Ohio Valley, in association with a cold front extending from Texas northeastward to Ontario. Rainshowers were also scattered over the eastern Carolinas, New York State, New England, the upper Mississippi Valley, the Pacific Northwest, and northern Arizona. Snow fell over southern Wyoming and northern Colorado.

MONDAY...Thunderstorms and showers continued over the lower Mississippi Valley, the Tennessee Valley, and the lower Ohio Valley. Rainfall was especially heavy over Louisiana, Texas, Oklahoma, Arkansas, and southern Kansas. A few rainshowers and thunderstorms were along the west coast of Florida, south Georgia, and Virginia. Scattered rainshowers occurred in the Pacific Northwest. Strong Santa Ana winds fanned brush fires in southern California. Unseasonably warm weather continued in the Southeast.

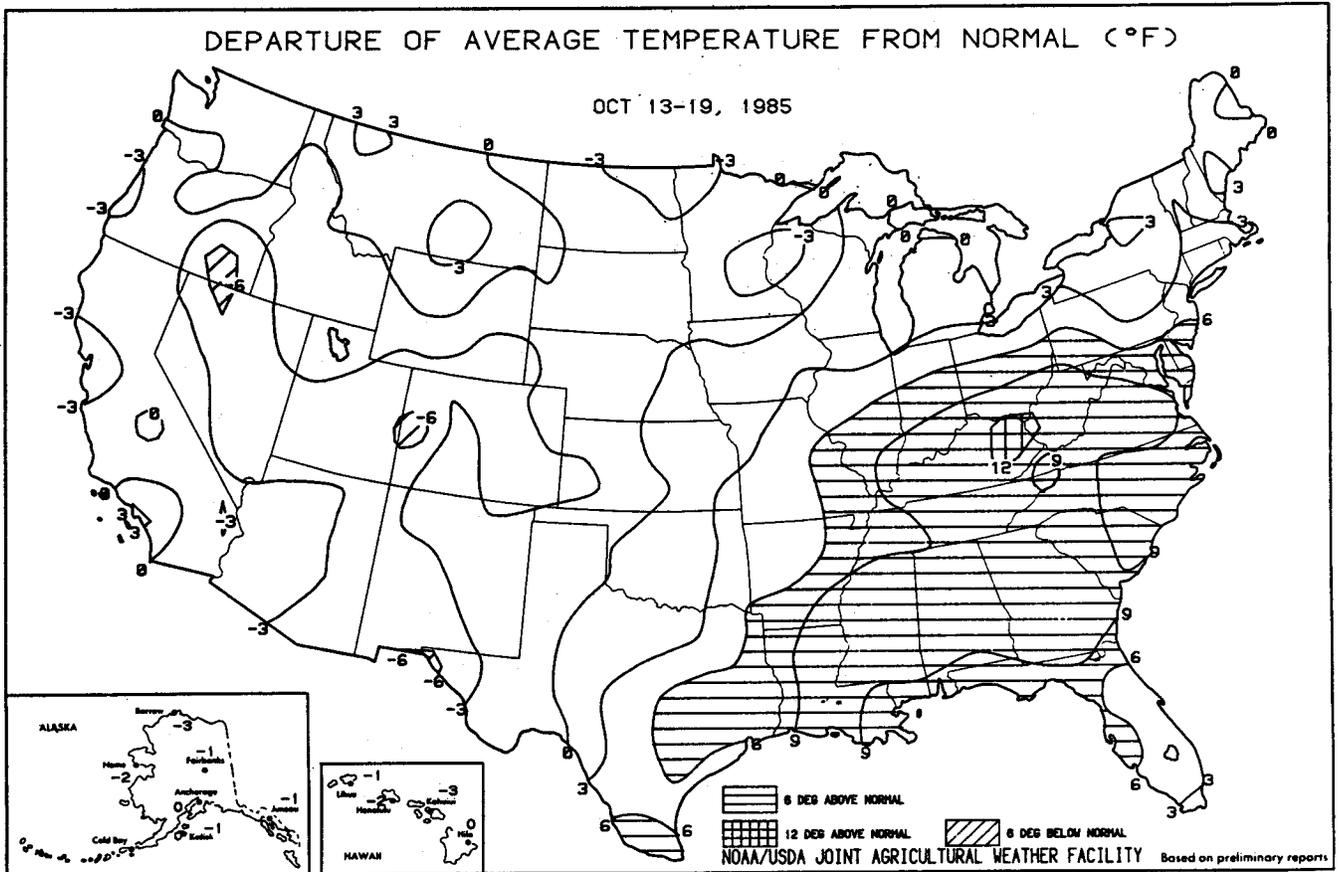
TUESDAY...Very warm weather continued in the Southeast. A cold front extended from New England southwestward to the central Gulf Coast, and was accompanied by showers and thunderstorms, some severe. Rain covered much of New York and New England. Rainshowers were scattered from the northern Rockies to the Great Lakes. Rainshowers and thunderstorms were reported from southern Arizona to west Texas. Mostly fair weather prevailed elsewhere.

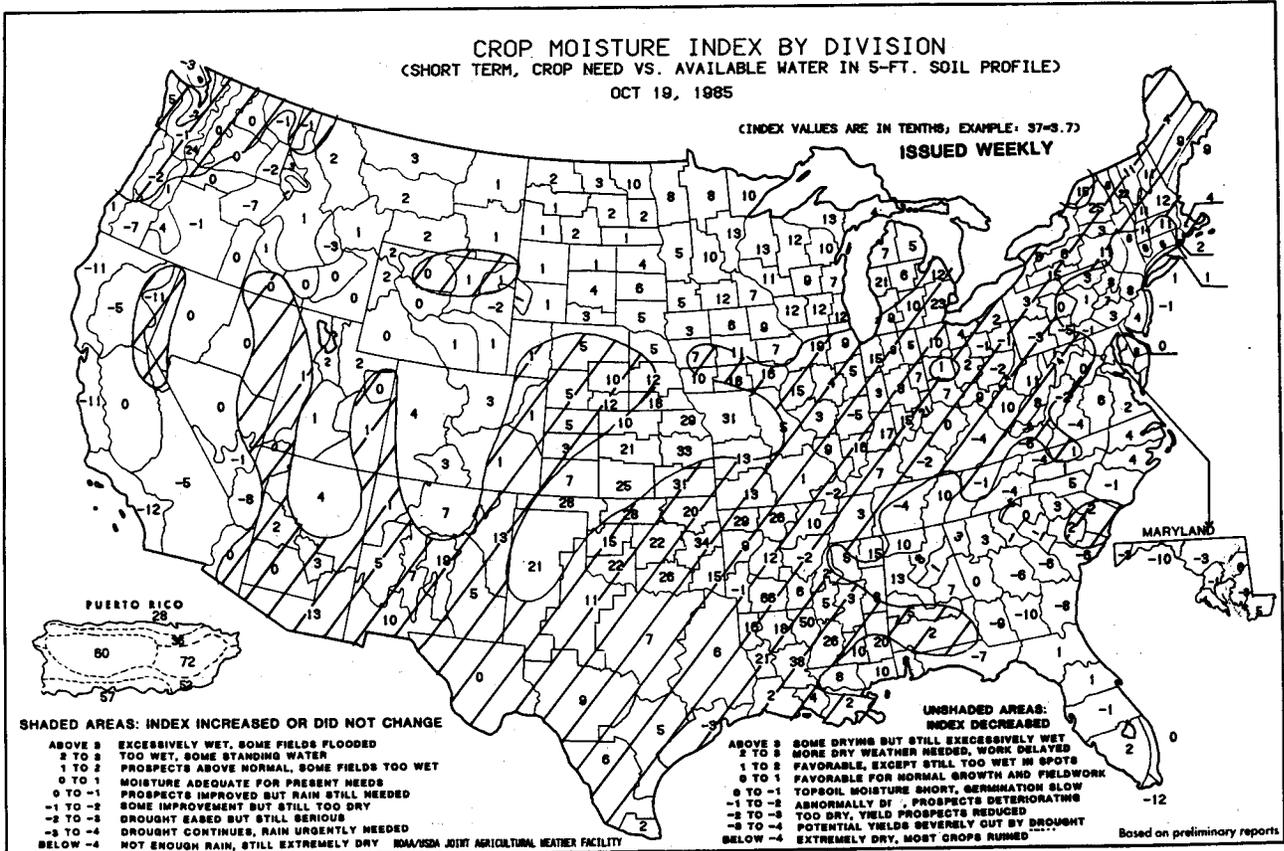
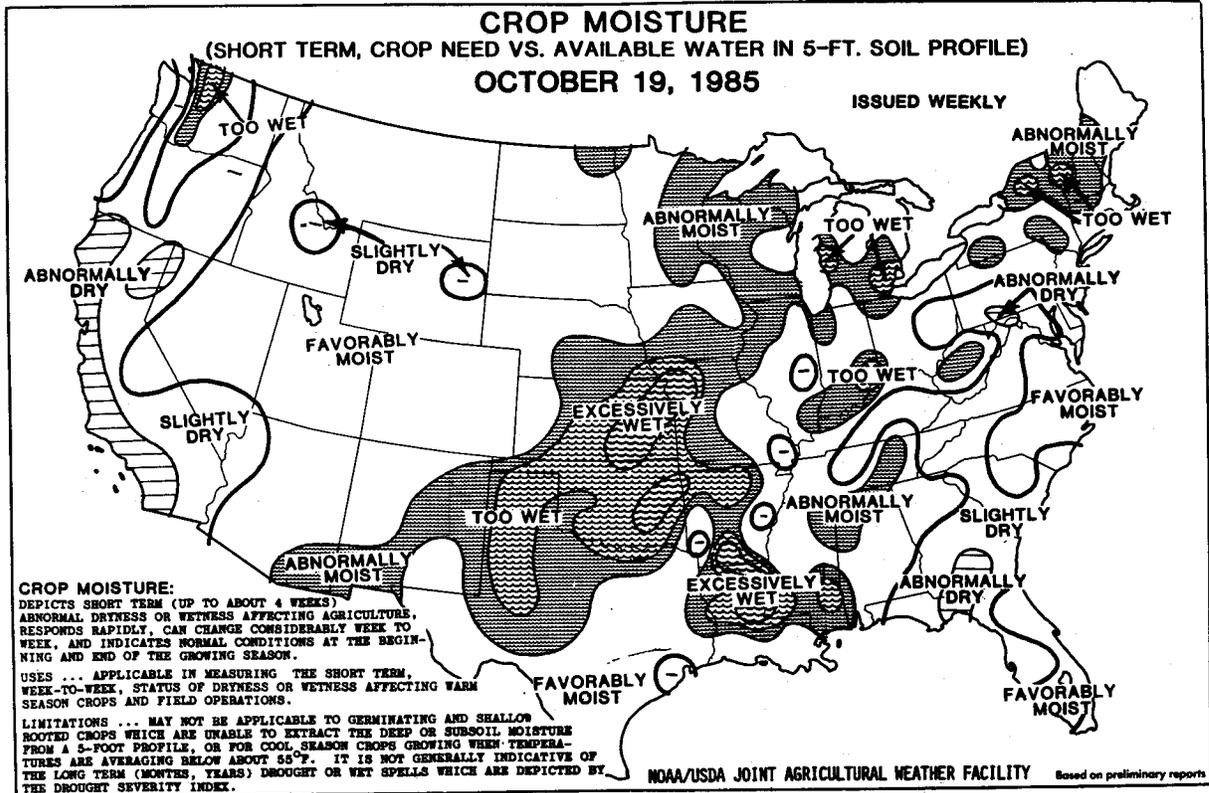
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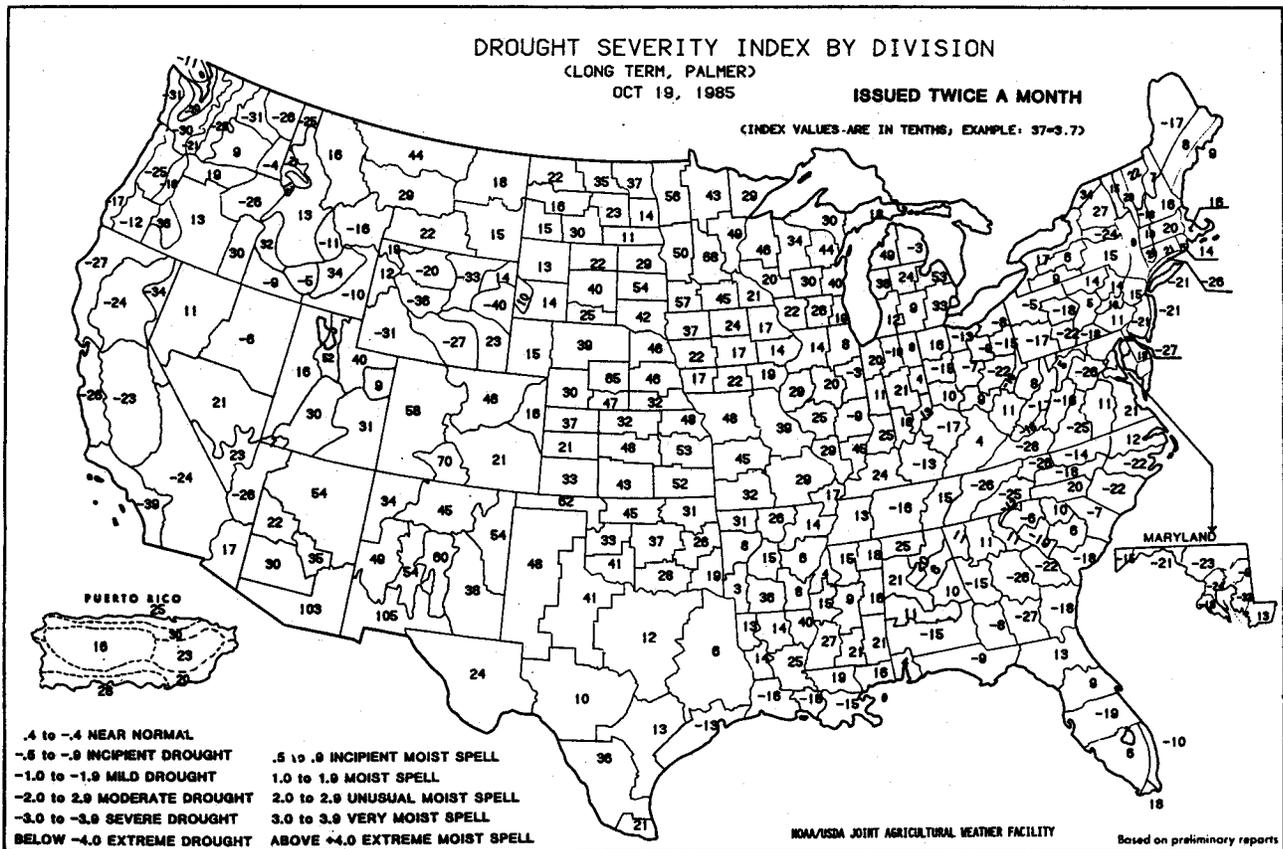
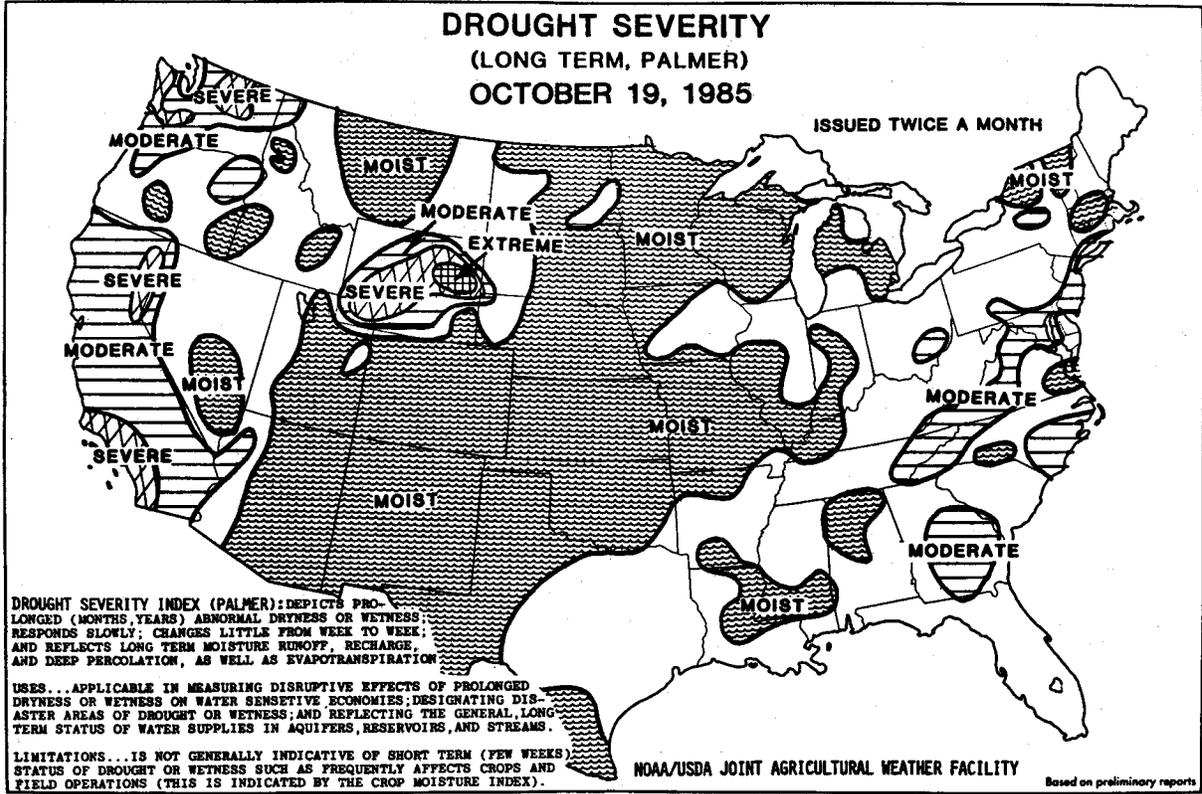


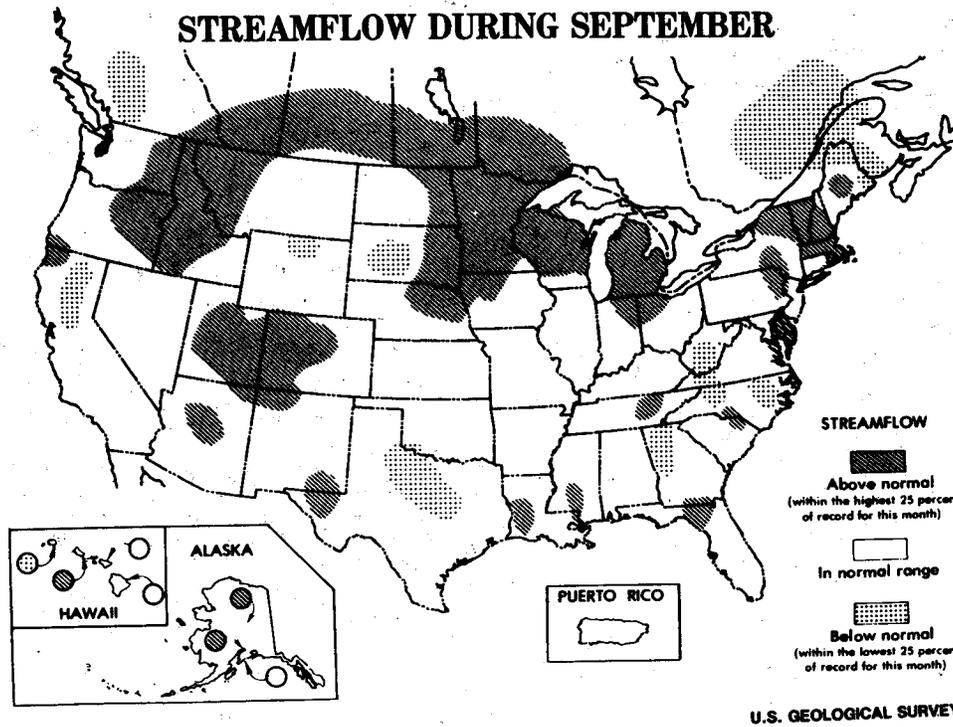
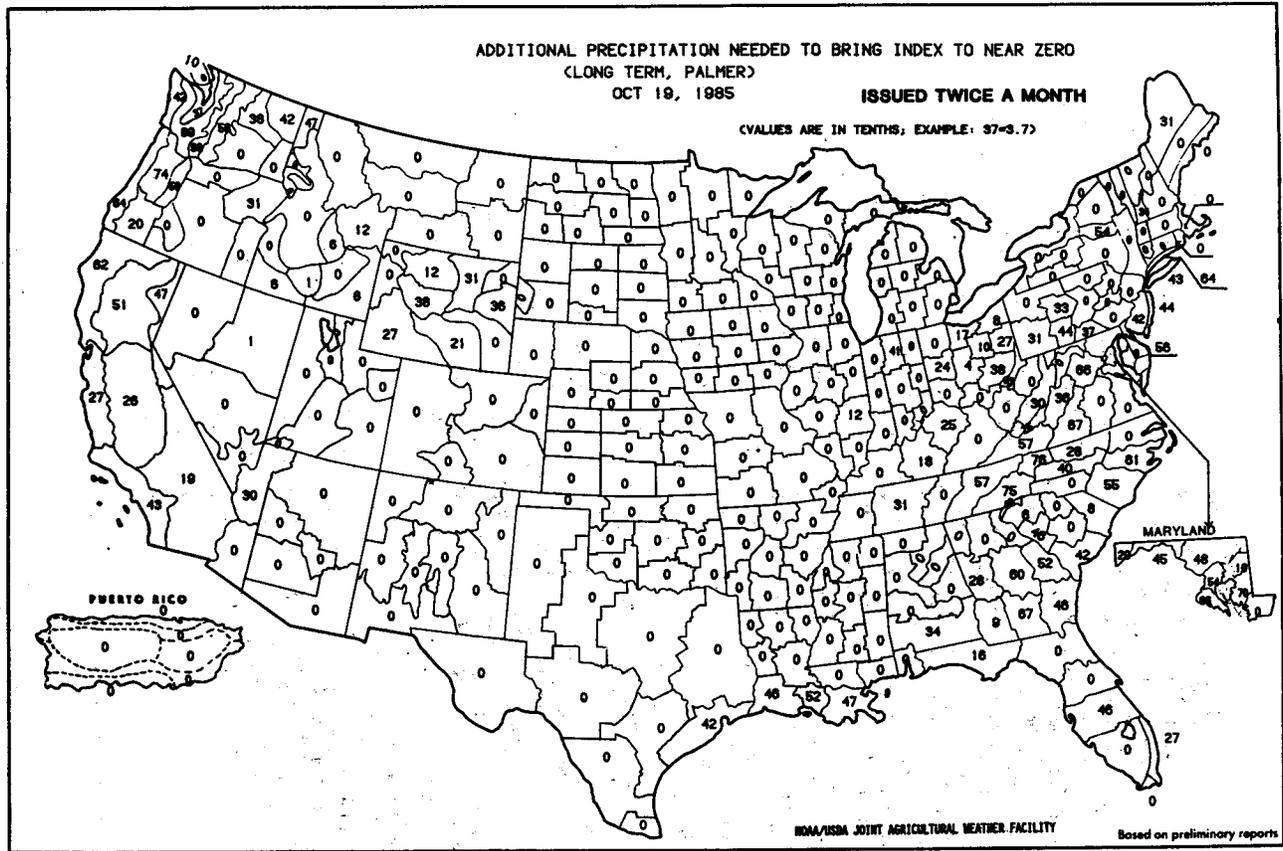


Point values may differ on these computerized maps from the reported values in the tables.









STREAMFLOW DURING SEPTEMBER

Streamflow was normal to well-above normal at 93 percent of the key index gaging stations across the country during September.

Rain from Hurricane Elena and Hurricane Gloria relieved central Florida and New York from persistently below normal streamflow. However, hurricane Gloria caused coastal and small-stream flooding from North Carolina to New England.

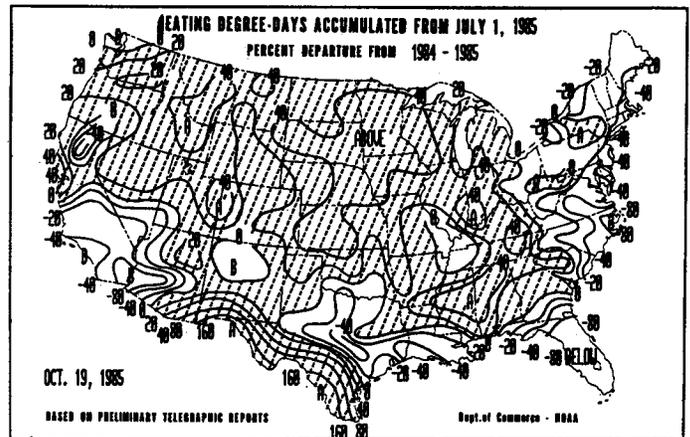
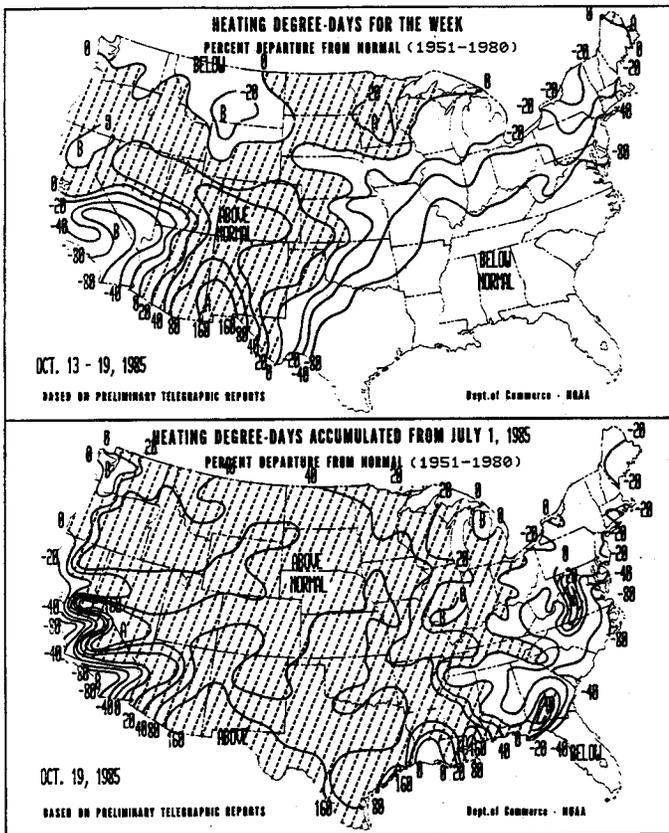
The runoff from Hurricane Gloria increased the storage in New York City's Delaware River basin reservoirs by about 13 billion gallons, but storage was still only 51 percent of full capacity on October 1.

The combined flow of the Nation's three largest rivers (Mississippi, St. Lawrence, and Columbia) was about 468 billion gallons per day for September, which

was 13 percent above the long-term average for the month. These three rivers drain more than half of the conterminous United States and serve as a useful check on the status of the Nation's streams.

The upper Great Lakes region was extremely wet with flash flooding in several stream basins in Michigan and Wisconsin and record and near-record high flows in Minnesota. Record-high flows for September were also recorded in North Dakota and Alaska.

Great Salt Lake began its seasonal rise on October 5 when it was at 4208.40 feet above sea level. The lake level will continue to rise until the spring or early summer of 1986. When the lake reached its seasonal peak for 1985 of 4209.95 feet on May 21, it was the highest level since 1877.



HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NHC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 10-19-1985
ACCUMULATIONS ARE FROM JULY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL WEEK, WEEK, WEEK, CUM, CUM, CUM, CUM, CUM, STATE CITY, CALL WEEK, WEEK, WEEK, CUM, CUM, CUM, CUM, CUM. It lists weather data for various cities across the United States, including Birmingham, Mobile, Montgomery, Anchorage, Barrow, Fairbanks, Juneau, Kodiak, Nome, Flagstaff, Phoenix, Prescott, Tucson, Winslow, Yuma, Fort Smith, Little Rock, Bakersfield, Eureka, Fresno, Los Angeles, Red Bluff, Sacramento, San Diego, San Francisco, Stockton, Denver, Grand Junction, Pueblo, Bridgeport, Hartford, Wilmington, Washington, Palmdale, Daytona Beach, Fort Meyer, Jacksonville, Key West, Miami, Orlando, Tallahassee, Tampa, West Palm Beach, Atlanta, Augusta, Macon, Savannah, Honolulu, Kahului, Lihue, Boise, Lewiston, Pocatello, Chicago, Moline, Peoria, Quincy, Rockford, Springfield, Evansville, Fort Wayne, Indianapolis, South Bend, Des Moines, Dubuque, Sioux City, Waterloo, Concordia, Dodge City, Goodland, Topeka, Wichita, Bowling Green, Lexington, Louisville, Alexandria, Baton Rouge, Lake Charles, New Orleans, Shreveport, Caribou, Portland, Baltimore, Salisbury, Boston, Chatham, Alpena, Detroit, Flint, Grand Rapids, Houghton Lake, Lansing, Marquette, Muskegon, Sault Ste Marie, Alexandria, Duluth, Int'l Falls, Minneapolis, Rochester, St. Cloud, Greenwood, Jackson, Meridian, Cape Girardeau, Columbia, Kansas City, St. Louis, Springfield, Billings, Glasgow, Great Falls, Havre, Helena, KailisPELL, Miles City, Missoula, Grand Island, Lincoln, Norfolk, North Platte, Omaha, Scottsbluff, Valentine, Ely, Las Vegas, Reno, Winnemucca, Concord, Atlantic City, Albuquerque, Clovis, Roswell, Albany, Binghamton, Buffalo, New York, Rochester, Syracuse, Asheville, Cape Hatteras, Charlotte, Greensboro, New Bern, Raleigh Durham, Wilmington, Bismarck, Fargo, Grand Forks, Williston, Akron-Canton, Cleveland, Columbus, Cincinnati, Dayton, Toledo, Youngstown, Oklahoma City, Tulsa, Astoria, Burns, Medford, Bendleton, Portland, Salem, Allentown, Erie, Harrisburg, Philadelphia, Pittsburgh, Scranton, Providence, Charleston, Columbia, Florence, Greenville, Aberdeen, Buron, Rapid City, Sioux Falls, Chattanooga, Knoxville, Memphis, Nashville, Abilene, Amarillo, Austin, Brownsville, Corpus Christi, Del Rio, El Paso, Fort Worth, Galveston, Houston, Lubbock, Midland Odessa, Beaumont, San Angelo, San Antonio, Victoria, Waco, Wichita Falls, Blanding, Cedar City, Salt Lake City, Burlington, Lynchburg, Norfolk, Richmond, Roanoke, Colville, Quillayute, Seattle-Tacoma, Spokane, Walla Walla, Yakima, Beckley, Harpersburg, Huntington, Parkersburg, Green Bay, Lacrosse, Madison, Milwaukee, Wausau, Casper, Cheyenne, Lander, Sheridan.

Weather Data for the Week Ending October 19, 1985

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 Sept. 1	PCT. NORMAL SINCE Sept. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERA- TURE °F		PRECIPI- TATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	82	65	86	63	74	11	.5	-.1	.2	4.8	79	41.8	93	97	60	0	0	3	0
MOBILE	85	68	87	68	77	8	1.0	.5	1.0	11.5	137	52.0	95	90	55	0	0	1	1
MONTGOMERY	83	65	89	63	74	9	.9	.5	.9	5.8	92	38.6	95	99	65	0	0	1	1
AK ANCHORAGE	40	29	46	23	34	0	.1	-.3	0	4.1	114	14.0	113	88	56	0	6	3	0
BARROW	16	7	27	-3	11	-3	.1	0	.1	.9	93	3.2	78	92	67	0	7	4	0
FAIRBANKS	30	19	38	8	24	-1	.2	0	.1	3.5	218	10.6	122	92	63	0	7	3	0
JUNEAU	45	37	47	31	41	-1	.9	-.9	.3	8.7	77	29.7	75	98	77	0	1	6	0
KODIAK	46	34	51	28	40	-1	.2	-.2	.2	10.9	79	57.2	99	78	52	0	2	1	0
NOME	32	20	38	11	26	-2	.4	.1	.2	8.5	267	18.9	148	90	64	0	7	3	0
AZ PHOENIX	82	61	91	59	71	-2	.3	-.2	.3	2.4	235	5.4	98	77	33	1	0	2	0
PRESOTT	68	40	73	33	54	-1	.1	-.2	.1	1.9	84	11.5	75	93	39	0	0	2	0
TUCSON	77	54	85	52	65	-5	.8	.6	.7	3.2	165	11.8	127	79	34	0	0	3	1
YUMA	86	65	91	64	75	-1	.1	0	.1	1.6	373	2.0	100	63	31	2	0	1	0
AR FORT SMITH	76	57	87	44	67	4	3.8	3.1	1.3	7.7	150	38.2	118	99	62	0	0	5	3
LITTLE ROCK	76	63	84	53	69	6	2.1	1.6	1.4	10.7	195	37.3	101	98	72	0	0	4	1
CA BAKERSFIELD	79	50	83	46	64	-4	0	-.1	0	.2	83	2.2	51	60	23	0	0	0	0
EUREKA	59	47	62	40	53	-1	T	-.6	T	1.2	54	13.3	53	93	70	0	0	0	0
FRESNO	81	49	84	48	65	0	0	-.1	0	.6	174	4.0	54	69	24	0	0	0	0
LOS ANGELES	78	58	93	55	68	2	0	0	0	.4	194	3.8	44	76	38	1	0	0	0
RED BLUFF	80	48	85	42	64	-2	0	-.2	0	1.1	118	6.6	47	57	20	0	0	0	0
SACRAMENTO	78	46	82	42	62	-2	0	-.2	0	.5	73	4.9	43	76	25	0	0	0	0
SAN DIEGO	75	61	91	57	68	0	0	-.1	0	.3	100	2.7	40	77	48	1	0	0	0
SAN FRANCISCO	70	50	82	47	60	-1	0	-.2	0	.2	26	7.1	53	92	45	0	0	0	0
CO DENVER	62	34	72	29	48	-4	.3	.1	.3	2.7	147	14.1	104	76	32	0	3	1	0
GRAND JUNCTION	62	36	68	33	49	-6	.3	.1	.3	4.0	321	10.4	160	87	36	0	0	1	0
PUEBLO	65	34	76	26	49	-5	T	-.2	T	.8	58	11.7	119	90	30	0	3	0	0
CT BRIDGEPORT	67	52	72	40	59	3	.2	-.6	.2	2.7	50	28.6	88	90	62	0	0	2	0
HARTFORD	66	44	74	33	55	2	.7	-.1	.5	6.0	99	29.4	84	90	51	0	0	2	1
DC WASHINGTON	76	58	85	50	67	8	.2	-.4	.2	8.3	165	28.5	89	91	58	0	0	2	0
FL APALACHICOLA	85	69	86	67	77	7	0	-.6	0	5.5	51	46.8	98	97	66	0	0	0	0
DAYTONA BEACH	85	70	87	66	77	4	.2	-.8	.2	12.1	123	40.2	95	98	68	0	0	1	0
JACKSONVILLE	86	70	89	67	78	8	.4	-.4	.2	18.7	192	46.3	98	99	62	0	0	2	0
KEY WEST	87	78	87	74	82	2	1.1	0	.6	8.1	84	35.9	109	86	69	0	0	2	1
MIAMI	87	74	88	72	81	3	.6	-.1	.3	12.1	94	49.7	98	90	59	0	0	3	0
ORLANDO	90	72	92	71	81	6	.3	-.3	.3	7.6	100	42.5	98	97	52	4	0	3	0
TALLAHASSEE	88	66	90	63	77	9	.2	-.4	.2	2.5	29	42.4	76	98	57	1	0	1	0
TAMPA	90	72	92	69	81	6	.3	-.2	.2	10.5	132	39.3	93	96	51	4	0	2	0
WEST PALM BEACH	87	74	88	70	80	3	1.4	-.4	1.3	11.4	79	45.0	87	92	62	0	0	2	1
GA ATLANTA	80	66	86	63	73	11	T	-.5	T	6.6	141	41.7	104	89	56	0	0	2	0
AUGUSTA	85	65	91	61	75	12	.2	-.3	.2	4.3	87	26.5	71	88	51	1	0	1	0
MACON	84	66	90	62	75	10	T	-.4	T	2.9	63	26.9	71	95	57	1	0	0	0
SAVANNAH	85	69	89	66	77	10	T	-.5	T	2.3	34	30.9	70	97	62	0	0	0	0
HI HILO	82	69	84	66	75	0	.7	-.5	.6	14.8	124	101.1	106	94	72	0	0	4	1
HONOLULU	87	69	90	68	78	2	.5	-.1	.5	1.7	110	10.2	64	91	55	2	0	1	0
KAHULUI	83	66	86	63	75	-3	3.8	3.6	3.5	3.9	523	10.3	72	93	64	0	0	3	1
LIHUE	83	70	85	66	76	-1	.5	-.6	.4	4.0	84	21.0	68	91	64	0	0	3	0
ID BOISE	66	34	75	20	50	-2	0	-.2	0	2.1	211	7.6	87	75	24	0	3	0	0
LEWISTON	62	39	70	35	51	-1	T	-.2	T	2.0	148	8.4	85	85	45	0	0	0	0
POCATELLO	62	28	71	22	45	-3	0	-.2	0	1.7	137	7.9	92	78	24	0	5	0	0
IL CHICAGO	64	46	72	34	55	1	2.2	1.7	2.1	6.1	125	29.7	105	94	51	0	0	3	1
MOLINE	67	47	74	39	57	3	2.6	2.0	2.4	8.2	148	30.6	94	92	50	0	0	2	1
PEORIA	68	49	75	41	58	4	1.2	.7	.7	6.4	120	32.3	107	93	56	0	0	4	1
QUINCY	69	51	75	43	60	4	1.2	.5	.8	6.5	101	28.4	87	95	59	0	0	3	1
ROCKFORD	64	44	72	32	54	2	1.9	1.2	1.9	8.3	148	30.4	97	95	49	0	1	2	1
SPRINGFIELD	71	53	76	43	62	6	1.0	.4	.7	2.3	49	28.1	97	94	55	0	0	3	1
IN EVANSVILLE	78	56	84	43	67	10	1.0	.5	.7	4.6	111	33.1	98	98	54	0	0	4	1
FORT WAYNE	68	49	73	37	58	5	1.4	.9	.8	4.9	122	27.8	98	97	57	0	0	4	2
INDIANAPOLIS	72	54	81	44	63	8	.7	.2	.4	3.7	88	34.4	107	96	60	0	0	3	0
SOUTH BEND	66	49	70	38	57	4	1.9	1.2	1.7	5.1	97	29.8	96	94	49	0	0	4	1
IA DES MOINES	65	44	71	37	55	0	.8	.4	.6	8.8	195	25.2	92	96	58	0	0	3	1
SIoux CITY	64	42	70	34	53	0	.5	-.1	.3	5.5	149	21.6	94	95	47	0	0	3	0
WATERLOO	62	42	70	31	52	1	1.3	.7	.9	7.7	154	26.4	90	95	54	0	1	4	1
KS CONCORDIA	68	48	75	40	58	1	.3	-.1	.2	5.4	127	24.8	100	89	52	0	0	2	0
DODGE CITY	64	45	72	38	55	-4	.1	-.2	.1	6.3	234	21.5	113	94	60	0	0	2	0
GOODLAND	60	41	71	35	51	-2	.4	-.2	.3	2.9	141	21.1	141	92	54	0	0	3	0
TOPEKA	70	47	77	35	58	1	.3	-.4	.3	13.4	252	41.8	142	97	59	0	0	1	0
WICHITA	68	49	76	39	58	-1	.2	-.4	.1	11.5	223	31.3	123	98	65	0	0	3	0
KY BOWLING GREEN	78	56	82	45	67	9	.5	-.1	.4	5.3	108	32.4	82	97	57	0	0	2	0
LEXINGTON	77	57	84	45	67	10	1.8	1.3	1.2	4.1	88	29.6	79	91	56	0	0	3	2
LOUISVILLE	77	57	83	46	67	10	1.2	.7	.4	2.7	55	29.3	82	97	58	0	0	3	0
LA ALEXANDRIA	84	71	89	66	77	9	7.2	6.3	3.5	11.7	237	47.9	110	91	68	0	0	6	3
BATON ROUGE	86	70	89	66	78	10	1.1	.5	.5	9.1	150	47.8	104	99	65	0	0	4	0
LAKE CHARLES	85	72	89	70	79	9	.5	-.2	.3	2.7	36	34.0	79	98	65	0	0	4	0
NEW ORLEANS	85	69	86	66	77	8	2.1	1.6	1.7	7.9	103	50.1	101	87	60	0	0	3	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending October 19, 1985

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 SEPT. 1	PCT. NORMAL SINCE SEPT. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	81	67	87	62	74	7	3.8	3.3	3.0	8.2	168	37.6	107.	98	69	0	0	4	1
ME CARIBOU	51	34	61	24	43	0	.5	-.3	.4	3.4	64	23.0	80	92	56	0	3	2	0
PORTLAND	59	42	67	33	51	2	1.1	.3	.6	6.9	125	25.1	77	92	60	0	0	1	0
MD BALTIMORE	74	53	82	45	64	7	.2	-.5	.2	7.3	136	29.8	87	95	55	0	0	2	0
SALISBURY	76	55	85	44	66	8	T	-.8	T	6.7	107	30.6	83	98	54	0	0	0	0
MA BOSTON	65	49	76	44	57	2	.8	0	.4	4.6	85	28.9	86	91	60	0	0	4	0
CHATHAM	63	50	68	43	56	3	1.3	.4	.6	4.6	76	36.7	102	---	---	0	0	4	1
MI ALPENA	57	38	62	26	48	0	.3	-.2	.2	5.8	139	27.9	117	99	55	0	2	2	0
DETROIT	64	46	71	35	55	3	2.9	2.5	2.0	6.4	181	33.0	130	88	50	0	0	5	2
FLINT	62	43	65	31	52	2	1.7	1.3	1.0	11.3	310	35.5	147	99	56	0	2	4	2
GRAND RAPIDS	61	44	67	31	53	2	1.6	1.0	.8	7.8	159	32.4	117	98	46	0	2	2	2
HOUGHTON LAKE	57	41	65	28	49	2	.1	-.3	.1	7.3	176	27.5	121	93	53	0	1	4	0
LANSING	61	42	65	28	52	1	1.6	1.2	.7	5.9	153	28.9	119	99	54	0	2	4	2
MARQUETTE	55	34	63	24	45	0	.1	-.6	.1	11.2	188	41.9	137	89	43	0	2	2	0
MUSKOGON	61	43	70	30	52	1	1.0	.4	.6	8.0	172	32.3	129	96	49	0	2	3	1
SAULT STE. MARIE	54	34	62	28	44	-1	.3	-.4	.1	7.8	137	33.9	127	98	60	0	3	3	0
MN ALEXANDRIA	58	34	65	25	46	-1	T	-.4	T	5.1	146	22.3	101	89	47	0	2	0	0
DULUTH	54	31	65	22	43	-2	0	-.5	0	7.4	157	28.4	110	88	35	0	4	0	0
INT'L FALLS	54	31	62	25	42	-1	T	-.4	T	4.7	107	28.0	130	88	42	0	5	0	0
MINNEAPOLIS	57	35	66	29	46	-4	.2	-.2	.2	7.9	214	28.6	121	96	53	0	1	1	0
ROCHESTER	55	37	63	27	46	-3	.1	-.4	.1	7.5	168	23.6	93	97	57	0	2	2	0
MS GREENWOOD	83	67	88	62	75	11	1.1	.6	.9	6.4	130	28.8	69	92	66	0	0	5	1
JACKSON	82	67	88	64	75	10	1.0	.4	.7	5.2	101	37.3	88	99	66	0	0	5	1
MERIDIAN	82	67	88	66	75	11	.6	.1	.6	6.8	130	40.9	95	99	65	0	0	2	1
MO CAPE GIRARDEAU	77	57	81	44	67	--	.6	-.1	.3	2.3	45	36.8	102	98	63	0	0	3	0
COLUMBIA	71	52	77	42	62	4	.6	-.1	.6	3.0	52	40.2	130	95	65	0	0	3	1
KANSAS CITY	69	50	75	39	59	1	.8	-.1	.5	16.6	266	47.4	152	96	64	0	0	3	0
SAINT LOUIS	75	58	79	49	66	8	.4	-.1	.3	1.2	28	35.8	127	92	54	0	0	3	0
SPRINGFIELD	70	53	75	42	62	3	2.6	1.9	1.4	4.8	75	39.3	119	97	65	0	0	4	3
MT BILLINGS	69	40	79	32	55	5	T	-.3	T	2.8	139	11.2	86	61	20	0	1	0	0
GLASGOW	58	35	69	31	47	0	.2	0	.1	1.5	117	11.6	108	93	48	0	1	2	0
GREAT FALLS	62	38	71	32	50	2	T	-.2	T	4.3	271	15.4	114	69	35	0	1	0	0
HAVRE	61	33	75	29	47	1	T	-.1	T	3.7	288	9.9	99	90	39	0	3	0	0
HELENA	62	33	73	28	48	2	T	-.1	T	2.8	228	8.0	80	77	31	0	3	1	0
KALISPELL	56	35	61	26	46	3	T	-.2	T	4.5	268	11.9	94	85	47	0	3	0	0
MILES CITY	65	37	76	33	51	2	T	-.2	T	2.0	120	11.1	90	86	31	0	0	0	0
MISSOULA	56	31	63	26	44	0	T	-.2	T	4.3	271	11.5	106	95	48	0	4	1	0
NE GRAND ISLAND	64	43	78	35	53	0	1.3	1.1	.9	7.4	225	27.5	128	95	48	0	0	3	1
LINCOLN	67	43	77	33	55	0	1.8	1.5	.9	6.7	163	30.8	124	95	49	0	0	2	2
NORFOLK	65	42	78	34	53	1	.2	-.1	.1	5.5	180	24.3	110	93	41	0	0	3	0
NORTH PLATTE	63	37	76	30	50	-1	.7	.5	.3	4.4	191	17.5	96	82	37	0	2	3	0
OMAHA	66	47	75	38	56	2	1.2	.7	1.0	4.7	99	21.0	77	88	55	0	0	3	1
SCOTTSBLUFF	63	31	75	27	47	-3	T	-.1	T	3.6	232	9.6	72	90	28	0	3	1	0
VALENTINE	69	34	79	28	52	2	.8	.6	.7	4.0	201	14.5	90	90	27	0	4	2	1
NV ELY	62	22	69	18	42	-4	0	-.1	0	2.9	267	7.4	99	85	23	0	7	0	0
LAS VEGAS	78	52	83	46	65	-3	0	-.1	0	.2	33	.9	27	43	16	0	0	0	0
RENO	69	28	75	23	48	-2	0	-.1	0	1.1	224	3.2	58	85	16	0	7	0	0
WINNEMUCCA	66	20	73	11	43	-6	0	-.1	0	.7	99	3.6	60	67	16	0	7	0	0
NH CONCORD	61	39	67	27	50	2	1.0	-.3	.4	7.3	147	24.7	88	99	59	0	3	5	0
NJ ATLANTIC CITY	75	49	86	34	62	7	.1	-.7	.1	3.1	67	25.1	75	96	52	0	0	1	0
NM ALBUQUERQUE	63	45	67	40	54	-3	.7	.5	.5	3.6	254	10.3	149	88	40	0	0	3	0
CLOVIS	68	46	75	41	57	-2	.4	0	.4	7.6	246	27.5	179	95	47	0	0	2	0
ROSWELL	70	49	82	45	60	-2	.6	.4	.4	2.8	117	12.3	140	90	42	0	0	2	0
NY ALBANY	62	44	70	35	53	2	.7	.1	.3	4.7	93	22.5	79	100	59	0	0	4	0
BINGHAMTON	60	43	68	35	52	3	1.2	.5	.7	6.9	133	26.4	89	92	65	0	0	5	1
BUFFALO	63	45	75	32	54	3	-1.7	1.1	.9	4.2	81	30.6	104	94	58	0	1	6	1
NEW YORK	70	55	78	48	63	5	.1	-.6	.1	5.4	100	29.2	86	87	55	0	0	2	0
ROCHESTER	63	43	72	30	53	1	1.2	.6	.6	4.1	99	20.8	83	98	60	0	1	7	2
SYRACUSE	63	46	68	37	54	3	2.1	1.4	1.1	7.1	137	25.2	81	96	66	0	0	7	0
NC ASHEVILLE	76	55	81	51	66	10	T	-.7	T	2.2	36	28.0	71	98	52	0	0	2	1
CHARLOTTE	80	59	88	55	70	9	T	-.6	T	3.3	62	37.2	104	93	52	0	0	1	0
GREENSBORO	78	56	87	50	67	9	.7	0	.6	1.6	27	27.1	77	96	52	0	0	3	1
HATTERAS	78	68	81	60	73	8	2.1	1.0	1.9	11.6	132	42.8	96	94	68	0	0	0	0
NEW BERN	81	63	88	57	72	9	.1	-.6	.1	12.0	150	41.8	92	99	60	0	0	2	0
RALEIGH	81	56	88	52	68	9	.3	-.3	.3	1.6	31	29.3	84	91	47	0	0	2	0
WILMINGTON	82	65	88	61	73	9	.6	0	.5	4.3	55	35.0	76	96	62	0	0	3	1
ND BISMARCK	57	31	69	28	44	-3	.4	-.2	.3	2.5	130	16.5	117	94	48	0	4	2	0
FARGO	57	30	66	21	43	-3	T	-.3	T	2.4	86	17.3	98	89	42	0	4	0	0
GRAND FORKS	54	29	66	23	42	-4	T	-.2	T	2.5	88	15.3	93	90	43	0	6	0	0
WILLISTON	56	33	71	30	45	-1	.3	.1	.2	1.8	40	26.2	88	92	59	0	0	4	0
OH AKRON-CANTON	68	49	76	37	58	6	.5	0	.2	1.7	39	30.3	92	94	56	0	0	3	0
CINCINNATI	75	55	81	42	65	10	.8	.3	.4	1.7	39	30.3	92	94	56	0	0	3	0
CLEVELAND	66	47	76	36	57	3	2.3	1.8	.9	5.0	113	29.3	101	93	58	0	0	5	2
COLUMBUS	72	52	81	46	62	9	.5	.1	.3	1.8	46	24.8	80	83	50	0	0	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending October 19, 1985

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 SEPT. 1	PCT. NORMAL SINCE SEPT. 1	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	72	54	82	42	63	9	.3	-.1	.1	1.5	41	23.5	82	76	45	0	0	4	0
TOLEDO	67	45	75	31	56	4	2.3	1.9	.9	5.4	144	30.6	118	96	55	0	1	4	2
YOUNGSTOWN	67	44	75	29	56	4	.6	.1	.2	3.4	73	28.0	91	97	58	0	2	4	0
OK OKLAHOMA CITY	71	55	78	46	63	1	3.9	3.3	1.6	9.6	184	40.0	147	93	62	0	0	4	4
TULSA	72	57	75	45	65	2	4.2	3.5	1.8	8.4	127	42.5	128	95	64	0	0	4	3
OR ASTORIA	59	44	62	35	52	-1	.9	-.5	.5	4.6	72	26.2	58	98	74	0	0	4	0
BURNS	63	25	70	15	44	-4	0	-.2	0	1.3	113	5.7	102	91	71	0	6	0	
MEDFORD	71	34	78	31	53	-2	0	-.4	0	1.7	103	6.5	51	93	29	0	2	0	
PENDLETON	64	42	71	36	53	0	.1	-.1	.1	2.8	259	7.8	91	73	41	0	1	0	
PORTLAND	63	44	67	39	54	-1	.9	-.2	.6	4.0	125	14.8	61	98	61	0	0	1	0
SALEM	64	38	70	32	51	-2	.3	-.4	.3	1.8	53	13.6	52	98	56	0	1	2	0
PA ALLENTOWN	67	45	74	33	56	3	.1	-.5	.1	9.7	164	36.4	102	96	62	0	0	2	0
ERIE	65	46	78	35	56	4	3.2	2.5	1.2	6.7	112	31.5	101	95	64	0	0	4	3
HARRISBURG	69	51	72	45	60	5	.1	-.5	.1	4.5	86	26.2	83	93	64	0	0	2	0
PHILADELPHIA	73	52	82	41	63	6	T	-.6	T	7.3	141	28.1	84	93	56	0	0	1	0
PITTSBURGH	71	48	78	32	59	7	.8	-.2	.4	1.9	43	24.5	81	88	47	0	1	4	0
SCRANTON	64	44	72	32	54	2	.1	-.5	.1	9.4	186	33.5	118	94	63	0	1	4	0
RI PROVIDENCE	67	47	74	38	57	4	.6	-.2	.2	3.5	60	32.1	91	94	55	0	0	3	0
SC CHARLESTON	83	68	87	64	75	10	T	-.7	T	5.0	72	41.6	92	98	66	0	0	1	0
COLUMBIA	84	63	90	57	73	10	T	-.5	T	3.3	56	35.8	85	97	53	1	0	1	0
FLORENCE	83	63	89	61	73	9	.2	-.4	.1	2.1	36	25.7	68	99	56	0	0	2	0
GREENVILLE	81	60	86	56	70	10	T	-.8	T	3.0	45	32.8	78	97	51	0	0	1	0
SD ABERDEEN	59	31	69	27	45	-3	.2	0	.2	3.6	164	16.5	101	95	43	0	4	1	0
HURON	62	34	68	31	48	-1	T	-.3	T	4.3	190	21.9	129	96	43	0	2	1	0
RAPID CITY	65	35	74	31	50	0	T	-.2	T	2.4	151	10.5	70	84	27	0	1	0	0
SIOUX FALLS	60	36	67	30	48	-2	.1	-.3	.1	4.1	105	24.7	112	95	49	0	2	1	0
TN CHATTANOOGA	79	59	83	53	69	10	.4	-.2	.4	4.0	65	32.0	76	97	57	0	0	2	0
KNOXVILLE	81	57	83	53	69	9	.1	-.5	.1	2.0	43	27.3	72	94	53	0	0	1	0
MEMPHIS	80	64	88	54	72	9	1.6	1.1	1.3	5.7	113	38.8	93	93	62	0	0	2	1
NASHVILLE	81	59	86	44	70	10	.1	-.5	0	2.9	55	24.8	63	92	53	0	0	2	0
TX ABILENE	75	60	85	52	68	1	1.5	1.0	.9	3.7	80	20.7	102	93	62	0	0	3	1
AMARILLO	67	47	76	39	57	-3	.1	-.3	.1	8.3	319	22.0	126	99	54	0	0	1	0
AUSTIN	82	69	92	64	75	5	5.5	4.8	3.0	9.5	164	26.4	101	95	67	2	0	5	3
BEAUMONT	86	72	89	70	79	9	1.1	.4	.8	8.5	100	51.1	120	97	68	2	0	3	1
BROWNSVILLE	87	74	90	70	81	5	1.4	.6	1.3	7.5	97	28.8	132	98	65	2	0	3	1
CORPUS CHRISTI	87	72	90	67	79	5	1.2	.5	1.1	9.6	112	31.2	118	98	63	1	0	3	1
DEL RIO	77	66	86	62	71	0	.5	0	.4	3.4	79	16.2	107	93	66	0	0	4	0
EL PASO	69	48	75	46	59	-5	1.1	.9	1.0	3.3	169	8.0	116	95	44	0	0	3	1
FORT WORTH	77	63	89	54	70	2	2.9	2.4	1.3	6.3	127	26.1	104	93	65	0	0	4	2
GALVESTON	82	73	86	69	77	4	1.5	1.0	.7	4.5	59	34.6	106	96	73	0	0	4	1
HOUSTON	84	71	91	65	78	8	3.7	2.9	.9	8.4	115	37.6	103	95	66	1	0	6	4
LUBBOCK	70	51	81	43	61	0	.5	0	.5	8.1	246	22.5	139	97	56	0	0	1	0
MIDLAND	72	55	82	51	64	-1	3.6	3.3	3.6	8.9	290	16.1	132	97	67	0	0	2	1
SAN ANGELO	77	62	85	54	69	2	3.6	3.2	3.2	6.5	146	19.4	121	95	64	0	0	4	1
SAN ANTONIO	82	68	90	63	75	5	3.2	2.5	1.8	8.0	143	35.5	145	93	64	1	0	4	2
VICTORIA	86	71	90	66	78	6	1.1	.4	1.1	4.4	51	35.0	111	100	63	1	0	2	1
WACO	81	67	92	60	74	5	3.3	2.6	2.6	9.8	190	27.0	105	97	68	2	0	4	1
WICHITA FALLS	75	57	87	46	66	1	2.8	2.2	1.9	4.6	89	28.8	124	90	60	0	0	5	2
UT BLANDING	60	35	65	29	47	-5	.1	-.1	.1	4.8	265	13.5	152	93	45	0	2	1	0
CEDAR CITY	62	30	68	27	46	-6	T	-.1	T	2.2	167	8.7	105	83	28	0	6	1	0
SALT LAKE CITY	63	38	69	33	50	-3	0	-.3	0	3.0	194	12.4	102	76	31	0	0	0	0
VT BURLINGTON	59	43	65	36	51	3	1.7	1.1	.7	6.4	130	27.8	101	90	52	0	0	5	2
VA NORFOLK	79	59	89	56	69	8	.4	-.4	.4	8.2	125	36.2	95	91	55	0	0	1	0
RICHMOND	80	57	90	50	69	10	T	-.9	T	7.0	121	38.7	108	87	48	1	0	0	0
ROANOKE	78	54	84	43	66	10	T	-.8	T	2.8	53	34.4	107	82	44	0	0	0	0
WA COLVILLE	58	37	63	30	47	1	.1	-.2	.1	3.2	218	10.3	83	84	55	0	2	1	0
QUILLAYUTE	56	47	58	41	52	1	4.6	2.2	1.3	11.1	100	40.2	58	100	86	0	0	7	4
SEATTLE-TACOMA	59	49	63	43	54	1	.6	-.1	.3	2.9	76	14.3	57	91	59	0	0	2	0
SPOKANE	59	38	64	32	48	1	.1	-.1	.1	2.1	163	7.3	62	88	43	0	1	2	0
YAKIMA	63	34	70	24	49	-1	T	-.1	T	1.6	284	3.9	71	97	46	0	3	0	0
WV BECKLEY	72	52	77	42	62	10	.2	-.4	.2	1.3	25	27.3	78	94	51	0	0	1	0
CHARLESTON	79	56	84	42	68	12	.6	0	.3	2.5	54	28.0	80	85	48	0	0	4	0
HUNTINGTON	79	57	83	45	68	12	.5	0	.3	1.8	39	31.4	93	94	48	0	0	4	0
PARKERSBURG	75	54	79	40	65	10	.4	0	.2	1.6	39	21.8	62	93	49	0	0	4	0
WI GREEN BAY	58	41	63	29	50	1	.1	-.4	.1	5.7	125	31.0	129	91	52	0	1	2	0
LA CROSSE	59	44	69	32	51	0	.7	-.3	.1	6.2	128	23.4	87	92	55	0	1	2	0
MADISON	60	40	66	30	50	0	.7	-.2	.6	7.7	171	29.5	110	91	52	0	1	3	1
MILWAUKEE	59	44	63	36	51	0	.5	0	.4	7.6	176	26.2	100	94	57	0	0	2	0
WAUSAU	57	39	64	29	48	0	T	-.5	T	8.0	147	28.2	101	89	47	0	1	1	0
WY CASPER	61	30	68	26	46	-2	T	-.2	T	1.6	117	9.0	90	76	22	0	5	0	0
CHEYENNE	56	33	65	29	45	-3	.2	0	.2	2.6	175	18.1	148	81	35	0	4	1	0
LANDER	62	32	69	25	47	0	0	-.3	0	1.9	113	7.4	65	63	19	0	4	0	0
SHERIDAN	65	32	75	26	48	1	0	-.3	0	2.0	105	9.2	71	75	27	0	4	0	0
PR SAN JUAN	86	73	88	71	79	-2	1.8	.5	1.0	13.6	142	35.0	84	95	64	0	0	6	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

National Agricultural Summary

OCT 14 TO 20 1985

HIGHLIGHTS: Rain curtailed fall harvesting activities throughout most of the eastern two-thirds of the Nation, except the southeast Atlantic Coast States. In the central Plains from Kansas to Texas and in Minnesota, heavy rain virtually halted harvesting. Soil moisture was adequate to surplus through the Nation's midsection but was short in southeastern and west coast States. Fieldwork averaged 4-6 days in most areas but was limited to less than 3 days in Missouri, Minnesota, and Oklahoma.

Winter wheat seeding advanced 5 points to 71 percent (%) seeded. Last year 70% was seeded and normally 79% is seeded by this time. Emergence was 5 points behind normal. Corn harvest crept to 34% finished, 13 points behind normal. Cotton harvest continued ahead of normal at 35% completed. Soybean harvest lagged 17 points behind normal. Sorghum was 45% harvested and 93% mature. Fall vegetable harvest declined seasonally. Potato harvest neared completion in Maine. Pastures were mostly good to fair. Livestock was mostly good.

SMALL GRAINS: Winter wheat was mostly good. Rain provided moisture for growth and emergence but hampered seeding. Seeding advanced 5 points from last week to 71% seeded. Normally 79% is seeded and 70% was seeded last year this time. Planting was behind normal in 11 of the 18 major producing States with Montana, Missouri, Kansas, and Oregon 10, 18, 20, 24 points behind normal, respectively. Heavy rain caused significant reseeding in Kansas and Oklahoma.

CORN: Corn harvest crept to 34% finished, 13 points behind normal. Harvest was 3 points ahead of normal in the southeast but lagged 4 points behind normal in the West North Central States and 23 points behind normal in the East North Central States. Rain held harvest at virtually a standstill in Iowa, Michigan, Nebraska, South Dakota, and Wisconsin. Lodging and sprouting was becoming an increasing problem in some States.

SOYBEANS: Soybeans that were dropping leaves covered 92% of the acreage, equaling the average. Harvest was 35% finished, compared with 42% in 1984 and the 52% average. Soybean harvest was behind normal in all regions except the Delta States. Wetness severely hampered harvest in South Dakota with 12% of the crop harvested. Normally 71% would be harvested. Harvest was 43 points below the average in both Iowa and Minnesota and 40 points behind normal in Nebraska. Kansas trailed the normal pace by 30 points. Michigan and Missouri were 25 and 28 points behind normal, respectively.

COTTON: Cotton was 35% harvested 2 points ahead of normal. Bolls were open on 83% of the acreage, 3 points behind normal. Cooler temperatures and wetness slowed development slightly, especially in Texas. Harvest progress ranged from 10% finished in New Mexico to 83% complete in Louisiana. Heavy rain halted harvest in Oklahoma and damaged cotton in Texas.

SORGHUM: Sorghum slowly advanced maturity to 93% finished, limited mostly by the cold wet conditions. Harvest lagged 13 points behind normal. Harvest was behind normal in all major producing States except Arkansas. In South Dakota, harvest was 19% finished nearly three times slower than normal. Nebraska producers trailed the normal pace by 25 points.

OTHER CROPS: Rice was 91% harvested compared with 94% last year and 89% normally. Harvest was 13 points behind normal in California.

Peanut digging and threshing was active. Georgia peanuts were 99% dug and 96% threshed. Peanut digging was virtually finished in Alabama with combining 95% finished. Digging was 14 points ahead of normal in North Carolina with threshing 10 points ahead of normal. Virginia peanuts were 95% dug and 82% combined.

Tobacco producers marketed, cured, and stripped their crops.

VEGETABLES: Fall vegetable harvest continued declining seasonally in the northern producing areas. Potatoes were 95% dug in Maine, and 82% harvested in Idaho, which was about normal in both States. Florida vegetable growers actively harvested snap beans, sweet corn, cucumbers, eggplant, peppers, radishes, squash, and tomatoes. Land preparation and planting continued for other vegetables. In Texas, vegetable planting and harvesting continued despite wet conditions. Carrots, peppers, and pumpkins were harvested in the High Plains and cucumbers were harvested in the Rio Grande Valley. California vegetable harvest consisted mostly of broccoli, cantaloups, carrots, celery, green peppers, lettuce, cauliflower, and artichokes. Mixed vegetable and melon harvests were very active in Arizona's Salt River Valley. Planting and thinning of lettuce and other winter vegetables was active.

FRUIT AND NUTS: Fall apple picking continued in the northern producing areas. Florida citrus were in very good condition. Irrigation increased in dry areas. Fresh fruit movement increased with most of the volume from the east coast. Arizona's citrus producers picked grapefruit and other citrus sized and developed normally. Navel and sweet orange harvest is expected to begin soon. In California, desert lemon harvest was 25% complete and desert grapefruit and Fairchild tangerine harvest started. Almond harvest neared completion, but walnut harvest was in full swing. The raisin crop was 92% picked-up. Table and wine grape harvest continued while juice grape harvest ended. Valencia orange harvest slowed with the season expected to run into early November.

PASTURES AND LIVESTOCK: Pastures were mostly good to fair. Growth increased in areas with moisture and above-normal temperatures. Livestock was mostly good.

CROP PROGRESS

FOR WEEK ENDING OCT 20, 1985

SORGHUM % MATURE				SORGHUM % HARVESTED			
	1985	1984	AVG		1985	1984	AVG.
ARK	100	97	NA	ARK	95	93	93
KANS	90	90	85	KANS	25	40	40
MO	94	94	90	MO	49	59	62
NEBR	100	100	100	NEBR	20	30	45
OKLA	95	95	90	OKLA	30	35	35
S DAK	78	91	95	S DAK	19	37	55
TEX	94	93	94	TEX	73	75	80
7 STATES	93	93	NA	7 STATES	45	53	58
EXCL. STATES WITH NA	93	93	91	THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.			

THESE 7 STATES PRODUCED 83%
OF THE 1984 SORGHUM CROP.

NA - NOT AVAILABLE

CORN % HARVESTED			
	1985	1984	AVG.
COLO	22	31	36
GA	96	98	97
ILL	50	41	59
IND	40	25	40
IOWA	25	34	48
KANS	60	70	65
KY	67	41	63
MICH	15	20	20
MINN	11	20	31
MO	51	59	69
NEBR	20	25	45
N C	87	87	89
OHIO	35	15	35
PA	27	15	28
S DAK	7	21	45
TEX	93	93	94
WIS	12	18	15
17 STATES	34	34	47

THESE 17 STATES PRODUCED 93%
OF THE 1984 CORN CROP.

SOYBEANS % DROPPING LEAVES				SOYBEANS % HARVESTED			
	1985	1984	AVG.		1985	1984	AVG.
ALA	79	88	81	ALA	22	29	31
ARK	73	57	70	ARK	28	17	17
GA	88	92	85	GA	19	18	20
ILL	100	100	100	ILL	70	59	81
IND	100	100	100	IND	70	45	70
IOWA	100	100	100	IOWA	30	76	73
KANS	95	99	95	KANS	20	45	50
KY	87	80	88	KY	20	14	28
LA	78	82	82	LA	40	31	38
MICH	100	100	100	MICH	25	30	43
MINN	99	99	99	MINN	15	72	58
MISS	89	94	97	MISS	31	17	28
MO	95	90	91	MO	19	27	47
NEBR	100	100	100	NEBR	20	30	60
N C	49	37	47	N C	6	11	11
OHIO	100	100	100	OHIO	60	35	65
S C	62	68	65	S C	6	7	6
S DAK	91	98	100	S DAK	12	40	71
TENN	94	90	90	TENN	20	5	15
19 STATES	92	91	92	19 STATES	35	42	52

THESE 19 STATES PRODUCED 94%
OF THE 1984 SOYBEAN CROP.

THESE 19 STATES PRODUCED 94%
OF THE 1984 SOYBEAN CROP.

COTTON % HARVESTED			
	1985	1984	AVG.
ALA	58	51	50
ARIZ	20	15	15
ARK	73	64	52
CALIF	20	24	26
GA	46	35	52
LA	82	35	53
MISS	73	26	57
MO	61	31	58
N MEX	10	1	16
N C	45	31	49
OKLA	15	10	5
S C	73	44	60
TENN	50	25	55
TEX	21	22	25
14 STATES	83	82	86

THESE 14 STATES PRODUCED 100%
OF THE 1984 COTTON CROP.

THESE 14 STATES PRODUCED 100%
OF THE 1984 COTTON CROP.

RICE % HARVESTED			
	1985	1984	AVG.
ARK	93	91	84
CALIF	65	88	78
LA	98	100	98
MISS	100	92	90
TEX	100	100	100
5 STATES	91	94	89

THESE 5 STATES PRODUCED 97%
OF THE 1984 RICE CROP.

WINTER WHEAT % PLANTED				WINTER WHEAT % EMERGED			
	1985	1984	AVG.		1985	1984	AVG.
ARK	31	17	24	ARK	15	5	NA
CALIF	15	15	15	CALIF	2	2	5
COLO	99	97	97	COLO	89	91	86
GA	14	10	19	GA	6	NA	NA
IDAHO	95	90	88	IDAHO	60	66	58
ILL	70	42	69	ILL	40	31	41
IND	75	50	75	IND	50	50	45
KANS	70	75	90	KANS	55	55	65
MICH	80	90	84	MICH	50	NA	NA
MO	36	41	54	MO	22	30	37
MONT	80	90	90	MONT	55	55	70
NEBR	97	100	100	NEBR	85	96	95
OHIO	75	60	80	OHIO	45	40	45
OKLA	70	50	75	OKLA	45	20	40
OREG	54	64	78	OREG	28	35	46
S DAK	100	100	100	S DAK	87	91	95
TEX	60	76	68	TEX	39	45	45
WASH	94	87	90	WASH	62	71	75
18 STATES	71	70	79	18 STATES	52	NA	NA
THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.				EXCL. STATES WITH NA			
				54	52	59	

THESE 18 STATES PRODUCED 88%
OF THE 1984 WINTER WHEAT CROP.

NA - NOT AVAILABLE

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: Rainfall ranged from 1.00 to 2.00 in. across Tennessee Valley, western counties; under 0.25 in. over east central counties. Temperatures averaged 10° above normal.

Fieldwork 5.1 days. Soil moisture 27% short, 73% adequate. Soybeans dropping leaves 79%, 88% 1984, 81% avg.; mature 60%, 63% 1984, 62% avg.; harvested 22%, 29% 1984, 31% avg.; 2% poor, 34% fair, 62% good, 2% excellent. Cotton harvested 58%, 51% 1984, 50% avg.; 20% fair, 68% good, 12% excellent. Corn harvest virtually complete. Sorghum harvest 91%, 79% 1984, 71% avg. Peanut digging virtually complete; combining 95%, 98% 1984. Winter wheat planted 23%, 19% 1984, 31% avg.; 45% fair, 55% good. Pastures 4% poor, 42% fair, 54% good. Livestock 33% fair, 67% good. Primary activities: Harvesting corn, sorghum, peanuts, cotton, soybeans; overseeding pastures with winter annuals, harvesting fall vegetables; planting winter wheat, winter grazing crops; routine care of livestock, poultry.

ARIZONA: Major cold storm system moved across State. Rain general over eastern two-thirds 15th to 17th with amounts between 0.33 to 1.00 in. except 1.50 to 2.00 in. over extreme southeast. Western one-third received very little rain. Maximum temperatures 16th, 17th 10 to 15° lower than first part week. Averages varied from 1 to 6° below seasonal normals.

Cotton open bolls 100%, 100% 1984, 99% avg.; harvest 20%, 15% 1984, 15% avg. Heavy dew keeping growers from entering fields. Defoliation activity remained active. Insect, weed problems considered light to moderate statewide. Rains slowed alfalfa harvest, caused damage to down hay. Planting accomplished weather permitted. Sorghum fair to good, much acreage turning color. Silage cut central area. Corn good condition; harvest slowed by rains southeast, but uninterrupted west. Popcorn harvest slowed by wet weather. Sesame harvest 60% complete. Lemon, grapefruit picking took place. Other citrus varieties sizing, developing normally. Navel, sweet orange harvest to begin soon. Apple packing continued. Mixed vegetable and melon harvest very active Salt River Valley. Lettuce, cantaloups, honeydews packed Aguila. Lettuce, potatoes, pumpkins, fall melons, chili peppers harvested Willcox. Planting, thinning of lettuce, other winter vegetables active.

ARKANSAS: Temperatures 3 to 9° above normal. Rainfall beginning and end of week. Temperatures well above normal first, last parts week, cooled down to normal levels midweek. Temperature extremes 37°; 88°. Precipitation 0.79 to 11.41 in.

Days suitable for fieldwork 5.0. Soil moisture 36% short, 59% adequate, 5% surplus. Cotton 99% bolls opening, 94% 1984, 99% avg. Cotton 73% harvested, 19% 1984, 52% avg. Winter wheat 31% planted, 11% 1984, 24% avg. Winter wheat 15% emerged; 1% poor, 15% fair, 79% good, 5% excellent. Rice 93% harvested, 74% 1984, 84% avg. Sorghum 95% harvested, 83% 1984, 93% avg. Sorghum 100% mature. Soybeans 73% dropping leaves, 55% 1984, 70% avg. Soybeans 28% harvested, 6% 1984, 17% avg. Soybeans 4% poor, 18% fair, 72% good, 6% excellent.

CALIFORNIA: Temperatures throughout California's portion of Sierra Mountains, southern deserts average 4° below normal. No major storms passed

through State. Only weak system which brushed northern border early period prevented a dry week statewide. Positioning jet stream aloft accounted for generally cooler than normal temperatures with slightly warmer than average readings south coast.

Cotton harvested 20%, 24% 1984, 26% avg. Normal to excellent yields reported; bolls opened 100%, 100% 1984, 100% avg. Some fields shredded behind pickers. Cotton 33% fair, 67% good. Rice harvested 65%, 88% 1984, 78% avg. Weather ideal for rice harvest; stubble burning active. Rice 100% good. Winter wheat planted 15%, 15% 1984, 14% avg.; emerged 2%, 2% 1984, 5% avg. Milo harvest underway. Dry bean, field corn, sugarbeet, alfalfa hay harvests active. Ground preparation underway for small grain planting. Coachella Valley date harvest continued good quality. Table, wine grape harvest continued while juice grape harvest completed. Raisin crop 92% picked-up. Kiwifruit harvest continued to increase with small sizes. Olive harvest continued with large sizes. Persimmon and pomegranate harvests slowed with excellent quality. Valencia harvest slowed season expected to run through November 1st. Desert lemon harvest 25% completed. Desert grapefruit, Fairchild tangerine harvests started. Almond harvest neared completion while walnut harvest full swing. Artichokes remained moderate supply, variable quality, central coast. Broccoli supply increased moderate to fairly heavy, variable quality Salinas-Watsonville; Santa Maria supplies continued fairly light, variable quality. Cantaloup harvest increased Imperial Valley-Blythe, variable quality. Carrots Salinas-Watsonville; cauliflower Salinas, Santa Maria supplies fairly light variable quality. Celery fairly heavy Salinas, moderate supply Santa Maria both variable quality. Lettuce supplies decline Salinas, shippers finish season. Moderate supplies variable quality Santa Maria. Harvest increasing Huron area. Green peppers fairly heavy supply generally good quality Santa Maria; heavy supplies variable quality Salinas, seasonal declines expected one week. Tulelake-Butte Valley fall potato 75% finished. Strawberry harvest Salinas slowed cool temperatures. Sweetpotato harvest continued. Pumpkin harvest 80% over. Packing late season tomatoes continued San Joaquin Valley. Processing tomato harvest complete October 25th. Movement livestock winter pastures completed some areas. Culling cows, marketing calves active. Range continued dry many areas, fire danger high. Sheep grazing alfalfa fields.

COLORADO: Average temperatures 2 to 5° below normal. Precipitation 0.50 in. south, trace north.

Days suitable for fieldwork 4.0. Soil moisture 12% short, 80% adequate, 8% surplus. Winter wheat 13% fair, 33% good, 54% excellent; 99% seeded, 97% 1984, 97% avg.; 89% emerged, 91% 1984, 86% avg. Corn 24% good, 76% excellent; 97% mature, 99% 1984, 93% avg.; grain harvested 22%, 31% 1984, 36% avg. Sorghum 82% mature, 96% 1984, 93% avg; grain harvested 12%, 24% 1984, 36% avg. Dry beans harvested 92%, 92% 1984, 91% avg. Range feed, livestock good.

KENTUCKY: Temperatures averaged 10° above normal. Highs 80s with lows 40s. Precipitation above normal most areas ranging from 0.25 in. southeast to about 5.00 in. extreme north. Locations along and just south of Ohio River received 2.00 in.

Days suitable for fieldwork 4.4. Soil moisture 30% short, 63% adequate, 7% surplus. Corn harvested 67%, 41% 1984, 63% avg. Yields generally good, drydown slow some areas. Lodging problem some fields. Soybean harvest 20%, 14% 1984, 28% avg.; leaves shedding 87%, 80% 1984, 88% avg. Burley tobacco stripping 14%, 6% 1984, 9% avg.; weight and quality generally good. Wheat seeding 46%, 35% 1984, 42% avg. Grain sorghum harvest 66% complete. Winter hay supplies adequate, pastures good.

LOUISIANA: Temperatures averaged 8 to 10° above normal. Temperature extremes 59°; 93°. Rain totals averaged 0.80 to 4.60 in.

Days suitable for fieldwork 2.7. Soil moisture 9% short, 38% adequate, 53% surplus. Cotton 82% harvested, 35% 1984, 53% avg. Rice 98% harvested, 100% 1984, 98% avg. Soybeans 5% poor, 58% fair, 37% good; 94% leaves turning, 95% 1984, 95% avg. Soybeans 78% shedding, 82% 1984, 82% avg.; 40% harvested, 31% 1984, 38% avg. Wheat 9% planted, 16% 1984, 20% avg.; 5% emerged, 11% 1984, 9% avg. Sweetpotatoes 80% harvested, 81% 1984, 85% avg. Hay final cutting 96% complete, 96% 1984, 95% avg. Sugarcane fair to good; 92% planted, 96% 1984, 96% avg.; 6% harvested, 1% 1984, 9% avg. Pecans fair to good; 4% harvested, 8% 1984, 6% avg. Pastures, livestock fair to good. Vegetables fair.

MARYLAND & DELAWARE: Maryland: Temperatures mostly 5 to 7° above normal; highs mid 70s to low 80s west and north central, mid 80s elsewhere; lows mid 40s statewide. Precipitation averaged 0.21 in., ranging from 0.02 to 0.46 in.

Fieldwork 6.1 days suitable. Topsoil moisture adequate. Subsoil moisture short west and north central, adequate elsewhere. Corn good; 75% harvested, 70% 1984, 75% avg. Soybeans 90% shedding, 80% 1984, 80% avg. Soybeans 20% harvested, 20% 1984, 30% avg. Fourth cutting alfalfa hay 100% complete, 90% 1984, 95% avg. Fifth cutting of alfalfa 60% complete. Other hay fourth cutting 100% complete. Barley 85% seeded, 75% 1984, 85% avg. Wheat 65% seeded, 50% 1984, 55% avg. Rye 75% seeded, 70% 1984, 75% avg. Oats 70% seeded, 60% 1984, 60% avg. Apple harvest 95% complete, 85% 1984, 90% avg.

Delaware: Temperatures mostly 6 to 8° above normal; lows near 40; highs mid 80s. Precipitation averaged 0.08 in.

Fieldwork 6.0 days suitable. Topsoil, subsoil moisture adequate. Corn for grain 90% harvested, 75% 1984, 85% avg. Soybeans 90% shedding, 90% 1984, 85% avg. Soybeans 15% harvested, 20% 1984, 20% avg. Barley 60% seeded, 55% 1984, 75% avg. Wheat 20% seeded, 35% 1984, 30% avg. Rye 30% seeded, 30% 1984, 40% avg.

MICHIGAN: Mild fall week across State. Temperatures averaged 3° above normal. Precipitation heavy southern areas, moderate remainder.

Days suitable for fieldwork 3.5. Soil moisture 32% adequate, 68% surplus. Corn 15% harvested, 20% 1984, 20% avg. Corn silage 90% harvested, 96% 1984, 93% avg. Soybeans 100% dropping leaves, 100% 1984, 100% avg.; 25% harvested, 30% 1984, 43% avg. Dry beans 95% harvested, 97% 1984, 92% avg. Winter wheat 80% planted, 90% 1984, 84% avg.; 50% emerged. Winter wheat 5% poor, 20% fair, 60% good, 15% excellent. Sugarbeets 15% harvested, 25% 1984, 34% avg. Wet conditions slowed remaining fruit, vegetable harvest. Jonathan, Red Delicious apple picking neared completion. Carrot, cauliflower, broccoli, pumpkin harvest winding down. Onion harvest complete.

FLORIDA: Several week tropical waves spread showers, thunderstorms across State, especially

south of Okeechobee City. Otherwise, rainfall amounts generally under 0.50 in. Warm days with highs into lower 90s and lows mostly from 60s north with 70s elsewhere continued under weakening high pressure.

Soil moisture ranged from short most Panhandle to generally adequate elsewhere. Peanut harvest winding down most areas; quality, yields generally good. Soybean harvest active some counties. Hay, cotton harvest active some areas. Planting small grains continued but delayed by dry soils, Panhandle. Sugarcane making good progress. Harvest getting underway. Reduced rainfall slowed pasture growth most northwest including Panhandle, upper west central Peninsula; grazing rated only fair to good. Elsewhere, pastures generally good. Mole cricket or fall armyworm infestations heavy some Peninsula pastures. Cattle good, except fair few driest localities. Citrus groves very good condition. Increased irrigation, some areas dry. Weather helped new growth. Fresh fruit movement increasing; most volume from east coast. Caretakers very active all areas. Weather conditions mostly dry vegetable areas with very few lightly scattered showers. Temperatures warm nighttime lows 70s, daytime highs 90s. Growers active harvest increased. Harvest active snap beans, sweet corn, cucumbers, eggplant, peppers, radishes, squash, tomatoes. Good volume expected mid-November. Land preparation, planting activities continued other crops.

GEORGIA: Rainfall under 0.25 in. most areas. East received least, under 0.10 in. Rained only 1 or 2 days. Highest temperatures in 80s north, near 90 central and south. Lowest readings in 50s north, low to mid 60s elsewhere. Temperatures averaged 11° above normal.

Days suitable for fieldwork 5.9. Soil moisture 19% very short, 54% short, 25% adequate, 2% surplus. Main activities: Harvesting cotton, soybeans, peanuts, hay; seeding small grains. Corn 96% harvested, 98% 1984, 97% avg.; 10% poor, 32% fair, 54% good, 4% excellent. Cotton 95% bolls open, 90% 1984, 94% avg.; 46% harvested, 35% 1984, 52% avg.; 19% fair, 74% good, 7% excellent. Grain sorghum 2% poor, 35% fair, 60% good, 3% excellent. Peanuts 99% dug, 96% 1984, 97% avg.; 96% threshed, 92% 1984, 93% avg.; 19% fair, 74% good, 7% excellent. Soybeans 88% dropping leaves, 92% 1984, 85% avg.; 19% harvested, 18% 1984, 20% avg.; 3% poor, 45% fair, 50% good, 2% excellent. Wheat 14% planted, 10% 1984, 19% avg.; 6% emerged. Rye 41% planted, 27% 1984, 44% avg. Other small grains 32% planted, 23% 1984, 35% avg. Apples 94% harvested, 96% 1984, 96% avg.; 8% poor, 40% fair, 48% good, 4% excellent. Pecans 7% harvested, 6% 1984, 9% avg.; 6% poor, 44% fair, 48% good, 2% excellent. Pastures 5% poor, 49% fair, 45% good, 1% excellent. Hay 8% poor, 39% fair, 53% good. Cattle 29% fair, 69% good, 2% excellent. Hogs 24% fair, 75% good, 1% excellent.

HAWAII: Crops made fair progress under generally unfavorable weather conditions. Weak surface winds, unstable air mass resulted in showers, at times heavy, occurring over crop growing areas. Field operations slowed. Some flooding of low lying areas reported. No serious damages reported. Rains beneficial to sugarcane crop. Active banana harvesting continued. Papaya production steady. Head lettuce, Head cabbage supplies steady.

IDAHO: High pressure continued to dominate weather. Near normal temperatures, very little precipitation. Rain confined mainly northern half State with few showers southeast. Temperatures above normal north while remainder State slightly below normal due mainly to cool nighttime readings. Nighttime readings near or below freezing mark with daytime lower 70s, highs 60s.

Days suitable for fieldwork 6.0. Potatoes 82% harvested, 90% 1984, 84% avg. Onions 88% dug, 100% 1984, 98% avg. Corn for grain 34% combined, 24% 1984. Sugarbeets 43% dug, 36% 1984, 34% avg. Winter wheat 95% seeded, 90% 1984, 88% avg. Winter wheat 60% emerged, 66% 1984, 58% avg. Apples 80% picked, 67% 1984. Livestock good. Movement from summer ranges; cattle 75%, sheep 83%.

ILLINOIS: Temperatures 1 to 9° above normal. Precipitation general, 0.10 to 2.50 in. Days suitable for fieldwork 4.5. Soil moisture 16% short, 64% adequate, 20% surplus. Corn harvested for grain 50%, 41% 1984, 59% avg. Soybeans shedding leaves 100%, 100% 1984, 100% avg.; harvested 70%, 59% 1984, 81% avg. Winter wheat planted 70%, 42% 1984, 69% avg.; emerged 40%, 31% 1984, 41% avg. Sorghum harvested for grain 46%, 31% 1984, 56% avg. Pasture 5% poor, 24% fair, 52% good, 19% excellent; supplying 63% of livestock roughage requirements, 72% 1984, 53% avg.

INDIANA: Above normal temperatures with highs from low 60s north to low 70s south. Lows in mid 40s to mid 50s. Precipitation generally over 1.00 in.; ranged from 0.71 to 4.81 in.

Fieldwork averaged 4.6 days. Topsoil moisture 13% short, 67% adequate, 20% surplus. Subsoil moisture 19% short, 77% adequate, 4% surplus. Corn 40% harvested, 25% 1984, 40% avg. Soybeans 22%, 26% 1984. Soybeans 100% dropping leaves, 100% 1984, 100% avg. Soybeans 70% combined, 45% 1984, 70% avg. Soybean moisture 13%, 15% 1984. Winter wheat 75% seeded, 50% 1984, 75% avg.; 20% fair, 70% good, 10% excellent. Wheat 50% emerged, 50% 1984, 45% avg. Wheatland 80% plowed, 75% 1984, 85% avg. Rye 80% seeded, 65% 1984, 80% avg. Pastures 11% poor, 47% fair, 42% good.

IOWA: Sunny, dry early week. Cloudy, rainy last half week. Rain 0.50 to over 2.00 in. most State on 17th, 18th. Normal temperatures, low 24°; high 77° 16th.

Days suitable for fieldwork 3.4. Topsoil moisture 2% short, 44% adequate, 54% surplus. Subsoil moisture 11% short, 71% adequate, 18% surplus. Corn harvested 25%, 34% 1984, 48% avg. Soybeans dropping leaves 100%, 100% 1984, 100% avg. Soybeans harvested 30%, 76% 1984, 73% avg. Winter wheat sown 70%, 89% 1984, 90% avg. Fall tillage completed 7%. Fertilizer application completed 6%. Livestock good condition.

KANSAS: Precipitation averaged 0.10 in. southwest, 2.20 in. southeast, 0.25 to 0.75 in. elsewhere. Temperatures averaged 54° northwest, 63° southeast, 55 to 61° elsewhere; ranging from normal south central to 4° above normal northeast, 1 to 3° above normal elsewhere.

Days suitable for fieldwork 2.5. Topsoil moisture 38% adequate, 62% surplus. Wheat 70% seeded, 75% 1984, 90% avg. Significant reseeding necessary following heavy rains. Wheat 55% emerged, 55% 1984, 65% avg. Sorghum 90% mature, 90% 1984, 85% avg. Sorghum 25% harvested, 40% 1984, 40% avg. Corn 100% mature, 100% 1984, 98% avg. Corn 60% harvested, 70% 1984, 65% avg. Soybeans 95% dropping leaves, 99% 1984, 95% avg. Soybeans 20% harvested, 45% 1984, 50% avg. Harvest progress of row crops slowed by wet fields.

MINNESOTA: Drier, warmer week. Temperatures averaged 1 to 4° below normal. Temperature extremes: 20°; 74°. Precipitation averaged 0.25 to 0.46 in. below normal. Greatest weekly total 0.36 in.

Days suitable for fieldwork 2.7. Topsoil moisture 31% adequate, 69% surplus. Corn 11% harvested, 20% 1984, 31% avg.; 29% moisture as

harvested, 26% 1984, 25% avg. Soybeans 15% harvested, 72% 1984, 58% avg. Sunflowers 9% harvested, 49% 1984, 44% avg. Sugarbeets 80% harvested, 41% 1984, 58% avg. Potatoes 90% harvested, 96% 1984, 92% avg.

MISSISSIPPI: Temperatures averaged well above normal. Extremes 52°; 90°. Greatest 24-hour rainfall 3.38 in.

Fieldwork 3.0 days suitable, 2.0 1984, 4.2 avg. Soil moisture 6% short, 61% adequate, 33% surplus. Rain delayed harvest during week. Soybeans 88% shedding, 94% 1984, 97% avg.; 31% harvested, 17% 1984, 28% avg.; 9% poor, 22% fair, 66% good, 3% excellent. Cotton 73% harvested, 26% 1984, 57% avg.; 4% very poor, 4% poor, 25% fair, 63% good, 4% excellent. Rice 100% harvested, 92% 1984, 90% avg. Corn 95% harvested, 84% 1984, 88% avg. Grain sorghum 98% harvested, 88% 1984, 91% avg. Sweetpotatoes 76% harvested, 75% 1984, 69% avg. Peanuts 94% harvested, 87% 1984. Hay 96% harvested, 96% 1984, 97% avg. Wheat 22% planted, 16% 1984, 25% avg. Pasture 3% poor, 30% fair, 67% good.

MISSOURI: Rainfall from 1.00 in. northwest to 2.50 in. southwest. Temperatures averaged at or above normal across State.

Days suitable for fieldwork 2.5. Topsoil moisture 7% short, 37% adequate, 56% surplus. Corn harvested 51%, 59% 1984, 69% avg. Soybeans dropping leaves 95%, 90% 1984, 91% avg.; mature 81%, 66% 1984, 79% avg.; harvested 19%, 27% 1984, 47% avg. Grain sorghum mature 94%, 94% 1984, 90% avg.; harvested 49%, 59% 1984, 62% avg. Cotton bolls open 95%, 100% 1984, 100% avg.; harvested 61%, 31% 1984, 58% avg. Winter wheat seedings 36%, 41% 1984, 54% avg.; emerged 22%, 30% 1984, 37% avg. Pasture 3% poor, 26% fair, 61% good, 10% excellent. Fall tillage for spring crops 20% completed.

MONTANA: Much warmer week temperatures averaged 2 to 6° above normal. Maximum temperatures 70s by end of week. Light precipitation over parts northeast with amounts around 0.25 in.

Days suitable for fieldwork 3.1. Topsoil moisture 90% adequate, 10% surplus. Subsoil moisture 18% short, 82% adequate. Sugarbeets harvested 50%, 80% 1984, 55% avg. Dry beans harvested 85%, 95% 1984, 95% avg. Corn silage harvested 95%, 100% 1984, 95% avg. Potatoes harvested 70%, 90% 1984, 75% avg. Alfalfa hay second cutting 95%, 100% 1984, 100% avg. Winter wheat 1% poor, 29% fair, 63% good, 7% excellent. Winter wheat planted 80%, 90% 1984, 90% avg. Winter wheat emerged 55%, 55% 1984, 70% avg. Livestock moved from summer ranges 80%.

NEBRASKA: Very little precipitation over Panhandle and along northern portions, amounts averaged from 0.50 to 1.50 in. along southern portions. Temperatures averaged near 1° above normal.

Days suitable for fieldwork 4.1. Topsoil moisture 2% short, 49% adequate, 49% surplus. Subsoil moisture 9% short, 65% adequate, 26% surplus. Winter wheat 7% poor, 30% fair, 48% good, 15% excellent. Wheat sown 97%, 100% 1984, 100% avg. Wheat emerged 85%, 96% 1984, 95% avg. Wet conditions slowed planting but aided emergence. Corn harvested 20%, 25% 1984, 45% avg. Moisture levels on corn remain high with drying necessary on most harvested grain. Soybeans harvested 20%, 30% 1984, 60% avg. Moisture levels acceptable for harvest, but muddy fields hampered harvesting. Sorghum 20% harvested, 30% 1984, 45% avg. Dry bean harvest made good progress, with a few more drying days should be completed by this week. Sugarbeet harvest approaching 50% complete. Pasture, range

feed adequate. Some producers selling calves, culling cows earlier than normal. Ranchers working cattle, weaning calves. Cattle moved to stalks as fields became available.

NEVADA: Mid-October week characterized by dry weather, temperatures generally at seasonal levels. Week started with light, spotty rain southern, central sections. High pressure system dominated remainder of period. Initial low temperatures warmed during period reaching seasonal normals as weekend approached. Extremes 110; 87°.

Little or no rain in agricultural areas. Potato harvest nearing completion. Ranges, pastures furnishing marginal grazing. Livestock sales slow.

NEW ENGLAND: Temperatures averaged near normal to slightly above normal most areas. Precipitation ranged from 0.10 to 2.00 in. south to north. Heaviest rainfall received southern New Hampshire and northeastern Vermont.

Days suitable for fieldwork averaged 5.0. Fall harvest near completion. Soil moisture generally adequate; surplus in Connecticut. Grazing availability short to adequate. Maine potatoes 95% dug, on schedule with last year. Field corn 90% chopped, 90% 1984, 90% avg. Oats 100% combined Maine. Tobacco being taken down and stripped. Late variety apple picking active. Hay cutting complete; late crop chopped for silage. Cranberries 50% picked, on schedule with normal.

NEW JERSEY: Temperatures averaged 4 to 6° above normal. Extremes 300; 88°. Weekly rainfall averaged 0.07 in. north, 0.01 in. central, 0.12 in. south. Heaviest 24-hour total 0.31 in. on 15th, 16th. Estimated soil moisture, in percent of field capacity, averaged 70% north, 54% central, 44% south. Four inch soil temperatures averaged 54° north, 58° central, 58° south.

Fieldwork very active. Fall vegetable harvest advancing on schedule. Irish potato digging nearing completion. Sweetpotato harvest well advanced. Harvest corn for grain and soybeans becoming general. Apple and cranberry picking very active. Seeding for grain and cover crops advancing under good conditions. Early seeded fields making good growth. Pasture growth continues seasonally good.

NEW MEXICO: Rainfall statewide with snow higher elevations. Precipitation 0.07 in., northwestern plateau and western mountains to 2.05 in. Central Valley, Highlands, southern desert. Average weekly temperatures 2 to 5° below normal. Temperatures 19° northern mountains, to 76° southern desert.

Days suitable for fieldwork 3.3. Soil moisture 67% adequate, 33% surplus. Freeze damage 50% none, 20% light, 30% severe. Alfalfa 13% poor, 38% fair, 49% good. Cotton 40% fair, 60% good; 90% open bolls, 100% 1984, 95% avg.; 10% harvested, 1% 1984, 16% avg. Corn 33% fair, 67% good. Barley 17% fair, 83% good. Irrigated wheat 17% fair, 83% good. Dryland wheat 50% fair, 50% good. Irrigated grain sorghum 20% poor, 20% fair, 60% good. Dryland grain sorghum 50% poor, 50% good. Pecans 33% fair, 67% good. Apples 100% good. Chile 20% fair, 60% good, 20% excellent. Lettuce 50% fair, 50% excellent. Cattle 90% good, 10% excellent. Sheep 89% good, 11% excellent. Range 40% fair, 50% good, 10% excellent.

NEW YORK: Temperatures averaged 3 to 6° above normal. Wet week most areas, rainfall averaged above normal. Precipitation near or below normal much of southeast, St. Lawrence Valley.

Days suitable for fieldwork 5.0. Soil moisture adequate to surplus. Rain, wet fields slowed harvest. Corn silage harvest 70% complete, 70% 1984, 78% avg. Grain corn harvest 12% complete,

12% 1984, 19% avg. Third cutting alfalfa hay harvest 86% complete, 87% 1984, 91% avg. Good third cutting yields. Rome apple harvest underway across State, Red Delicious and Cortland harvest finishing west. Pastures fair to good.

NORTH CAROLINA: Temperatures about 9° below normal over State. Rainfall ranged from none to 2.06 in. across State.

Days suitable for fieldwork 5.5. Soil moisture 4% very short, 37% short, 52% adequate, 7% surplus. Corn harvested for grain 87%, 87% 1984, 89% avg. Cotton 23% fair, 69% good, 8% excellent; harvested 45%, 31% 1984, 49% avg. Peanuts 33% fair, 59% good, 8% excellent. Peanuts dug 89%, 89% 1984, 75% avg.; threshed 73%, 69% 1984, 63% avg. Soybeans 3% poor, 56% fair, 41% good; leaves dropped 49%, 37% 1984, 47% avg. Grain sorghum 2% poor, 30% fair, 68% good; harvested 65%, 63% 1984, 67% avg. Sweetpotatoes 11% fair, 80% good, 9% excellent; harvested 71%, 65% 1984, 69% avg. Apples 30% poor, 50% fair, 20% good; harvested 86%, 82% 1984, 83% avg. Pasture 4% poor, 50% fair, 46% good. Major farm activities: Marketing tobacco; harvesting hay, apples, corn, sorghum, fall vegetables, soybeans, and cotton; digging sweetpotatoes; digging and threshing peanuts; land preparation for cover crops; fall seeding of small grains; mowing and general farm maintenance.

NORTH DAKOTA: Week began cloudy and cool with scattered showers over western and south central sections of State. Warming trend began at midweek with above normal temperatures, sunny skies by weekend. Temperatures averaged near normal west to 6° below normal east. Extremes ranged from 71° south central to 15° northeast. Precipitation confined to west, south central amounts averaged 0.10 to 0.50 in.

Moisture supplies much wetter than normal. Statewide, topsoil 8% short, 86% adequate, 6% surplus. Subsoil 21% short or very short, 73% adequate, 6% surplus. Warm, sunny, breezy weather week's end helped crop dry-down. Completion of spring, durum wheat harvest latest in recent years. Still some in field northwest and north central. Harvest getting underway sunflower while harvest of other late season crops general. Progress lags normal considerably except for sugarbeets, potatoes. Spring wheat 97% combined, 100% 1984, 100% avg.; durum 91% combined, 100% 1984, 100% avg. Sunflower 8% combined, 37% 1984, 38% avg. Corn for grain 20% harvested, 55% 1984, 48% avg. Soybeans 54% combined, 92% 1984, 71% avg. Potatoes 98% dug, 100% 1984, 93% avg. Flax 69% combined, 100% 1984, 89% avg. Dry edible beans 69% combined, 100% 1984, 91% avg. Sugarbeets lifting 95% completed.

OHIO: Highs from 50° to mid 60s, lows from mid 30s to 40°; averaged 5 to 7° below normal. Soil temperatures at 4.00 in. under bare ground averaged mid to upper 50s. Precipitation from 0.25 in. north to nearly 1.00 in. south.

Days suitable for fieldwork 6.0. Topsoil moisture 44% short, 56% adequate. Corn mature 100%, 85% 1984, 85% avg.; harvested 15%, 7% 1984, 15% avg. Corn silage cut 80%, 55% 1984, 75% avg. Soybeans 2% fair, 76% good, 22% excellent; dropping leaves 98%, 95% 1984, 95% avg.; mature 80%, 40% 1984, 70% avg.; harvested 30%, 15% 1984, 30% avg. Winter wheat planted 35%, 20% 1984, 35% avg.; emerged 5%, 10% 1984, 5% avg. Hay good, pasture fair.

OKLAHOMA: Temperatures averaged 2° below normal Panhandle to 5° above normal southeast. Precipitation averaged 0.03 in. Panhandle to 5.05 in. south central.

Days suitable for fieldwork 1.9. Topsoil moisture 5% short, 35% adequate, 60% surplus. Subsoil moisture 7% short, 93% adequate. Wheat

60% good, 35% fair, 5% poor; 70% planted, 50% 1984, 75% avg. Wheat 45% emerged, 20% 1984, 40% avg. Fields washed out, required replanting. Sorghum 95% mature, 95% 1984, 90% avg. Sorghum 30% harvested, 35% 1984, 35% avg. Cotton 90% open bolls, 98% 1984, 85% avg. Cotton 15% harvested, 10% 1984, 5% avg. Rains caused virtual standstill harvesting. Pastures greening. Cattle price up fifth straight week.

OREGON: Greatest departure averaged temperatures 5° below normal; more common temperatures within 1° above normal. Heaviest precipitation, up to 0.80 in. at north coast, Willamette Valley. Northeastern areas received rainfall up to 0.08 in., southeastern areas dry.

Soil moisture 26% short, 66% adequate, 8% surplus. Winter wheat 54% planted, 64% 1984, 78% avg.; 28% emerged, 35% 1984, 46% avg. Alfalfa season ended with freezing nights, some still in swath. Small grain harvest completed east. Corn for grain harvest full swing Herminston. Sugarbeet harvest progressing in Malheur County. Grass seeding Willamette Valley completed. Filbert harvest near completion. Late wine grape harvest near completion. Cranberries 33% harvested; many growers short of water; production expectations down. Potatoe harvest continued Herminston; digging with warm weather in central area; harvest neared completion Klamath Basin; 90% harvested in Malheur County; digging very near completed west. Onions 90% harvested in Malheur County; last of harvesting Willamette Valley. Sweet corn harvest ended by freezes. Carrot, cauliflower harvests continued. Livestock condition good. Eastern rangeland condition fair to good. Western pasture condition fair to good. Cattle on crop aftermath; some shipped south to feedlots and pastures.

PENNSYLVANIA: Temperatures averaged 56°, 7° above normal. Average rainfall 0.49 in., 0.17 in. below normal.

Corn 27% harvested, 15% 1984, 28% avg. Potato harvest virtually complete, same as last year. Fourth cutting alfalfa 79% harvested, 65% 1984. Corn for silage 93% harvested, 84% 1984. Soybeans 21% harvested, 19% 1984. Quality of hay made 21% poor, 37% fair, 42% good. Amount of feed being obtained from pastures 37% below avg., 63% avg. Activities for week: Harvesting corn, corn silage, soybeans, green chop, hay, potatoes, apples, late cauliflower, broccoli and cabbage, fall lettuce; fall plowing, sowing barley and wheat.

PUERTO RICO: Island average rainfall 0.68 in., 1.11 in. below normal. Highest weekly total 2.20 in. Highest 24-hour total 1.52 in. Temperature averaged about 78 to 80° on coast and 74 to 73° interior divisions. Mean station temperature ranged from 66 to 81°. Extremes 55°; 93°. Total rainfall 0.81 in. minus 0.59 in.

SOUTH CAROLINA: Cloudy, little or no rainfall. Temperatures 5 to 10° above normal.

Days available for field activities 5.6. Soil moisture 21% very short, 58% short, 21% adequate. Soybeans 14% poor, 61% fair, 19% good, 6% excellent. Soybean leaves turning 88%, 93% 1984, 88% avg.; 62% shedding, 68% 1984, 65% avg.; 32% mature, 30% 1984, 27% avg.; 6% harvested, 7% 1984, 6% avg. Cotton 1% poor, 9% fair, 84% good, 6% excellent; 73% harvested, 44% 1984, 60% avg.; cotton open bolls 100%. Corn harvested 100%. Tobacco 88% stalks destroyed, 90% 1984. Apples fair to good; 95% harvested, 91% 1984, 95% avg. Hay, pastures, winter grazing, small grain, livestock fair to good.

SOUTH DAKOTA: Average temperatures ranged 40 below to 40 above normal. Extremes 21°; 80°. Black Hills low 14°. Precipitation widespread, light.

Days suitable for fieldwork 4.4. Topsoil moisture adequate east and south; short west. Scattered areas critically short west, surplus east; 4% critically short, 22% short, 56% adequate, 15% surplus. Corn 3% poor, 19% fair, 59% good, 19% excellent. Corn 7% harvested, 21% 1984, 45% avg. Winter wheat 2% very poor, 4% poor, 26% fair, 46% good, 22% excellent. Winter wheat 100% seeded, 100% 1984, 100% avg. Winter wheat 87% emerged, 91% 1984, 95% avg. Sorghum 21% poor, 40% fair, 27% good, 12% excellent. Sorghum 78% mature, 91% 1984, 95% avg. Sorghum 19% harvested, 37% 1984, 55% avg. Soybeans 3% very poor, 4% poor, 11% fair, 66% good, 16% excellent. Soybeans 91% dropping leaves, 98% 1984, 100% avg. Soybeans 12% harvested, 40% 1984, 71% avg. High moisture content continued to hamper fall harvest.

TENNESSEE: Temperatures averaged 9° above normal. Precipitation generally less than 0.50 in. east and middle, over 1.00 to 2.00 in. west.

Farmers averaged 5.0 days suitable for fieldwork. Soil moisture 38% short, 56% adequate, 6% surplus. Harvest progress remains ahead of normal pace. Corn 75% harvested, 45% 1984, 60% avg. Cotton 50% harvested, 25% 1984, 55% avg. Burley tobacco 25% stripped, 16% 1984, 25% avg. Soybeans 20% harvested, 5% 1984, 15% avg.; 94% dropping leaves, 90% 1984, 90% avg.; 60% mature, 40% 1984, 50% avg.; 3% poor, 11% fair, 79% good, 7% excellent. Sorghum 90% harvested, 40% 1984. Wheat 30% sown, 25% 1984, 35% avg. Pasture fair to good. Livestock continued good condition.

TEXAS: Much eastern two-thirds State deluged repeated heavy rains. Early week, slow moving cold front triggered heavy rains eastern half State, front produced only minor cooling. Midweek, massive, slow moving upper air disturbance began spreading showers, thunderstorms west. Heavy rains occurred mid late week north, central; weekend southeast, far south. Several locations north central one-day totals near 7.00 in. Rainfall above normal week all regions except northern Panhandle. Wettest areas Cross Timbers, Blacklands, East, Edwards Plateau. Temperatures varied, readings rather cool Plains, above normal Trans-Pecos and south central, near normal elsewhere.

Crops: Cotton 67% open bolls, 64% 1984, 74% avg.; 21% harvested, 22% 1984, 25% avg. Cotton 3% poor, 54% fair, 39% good, 4% excellent. Harvesting Plains, Cross Timbers again interrupted by rains early week. Cloudy, cooler conditions remainder week unfavorable fields dry out. Quality fiber earlier fields continued deteriorate with added showers, some hail. Later fields not hurt as bad because slow boll opening. Few fields harvested northern Blacklands between light showers. Sorghum 94% mature, 93% 1984, 94% avg.; 73% harvested, 75% 1984, 80% avg. Additional showers further delayed harvest Plains. Producers concerned about sprouting problems if drying conditions do not occur soon. Some fields received wind, hail damage addition to heavy rains. Corn 93% harvested, 93% 1984, 94% avg. Fields High Plains continued suffer from winds, some hail. Many remaining fields showing severe lodging. Harvesting again standstill because wet ground conditions. Wheat 60% planted, 76% 1984, 68% avg.; 39% emerged, 45% 1984, 45% avg. Small grain planting slowed last week, rain, cloudy conditions moved out of Plains, into central, south by midweek. Most fields wheat, oats showing good growth with added moisture. Some armyworm problems emerged fields, primarily oats. Peanuts 32% harvested, 35% 1984, 38% avg. Digging slow

most areas last week because wet conditions. Irrigated yields continued good; most dryland fields below average yields. Soybeans 23% harvested, 45% 1984, 28% avg. Harvest Plains slowed by additional rain early week. Lodging occurring from high winds, heavy rains. Quality continued to decline, producers unable to enter fields. Harvest should resume Upper Coast as fields dry out. Other Fields Crops: Sugarbeets 10% harvested, 48% 1984, 17% avg. Pecans 6% harvested, 4% 1984, 4% avg. Sunflowers 51% harvested, 46% 1984, 61% avg. Oats 55% planted, 70% 1984, 61% avg.

Commercial Vegetables: Rio Grande Valley some late fall planting proceeding. Most fall vegetables good progress. Some early tomatoes ready soon. Cucumber harvest continued. San Antonio-Winter Garden producers making satisfactory progress fall planted vegetables. Additional rain should relieve irrigation needs. Land preparation. High Plains some carrot, pepper harvesting occurred. Some pumpkins also harvested despite wet field conditions. East sweetpotato harvest continued, with peas, some early tomatoes. Other vegetables making good progress. Trans-Pecos green chili harvest completed, red chili harvest beginning. Thinning lettuce. Some direct seeding onions. Pecan harvesting continued weather permitted many locations last week. Yields good. Prices should remain good because low stocks on hand.

Range and Livestock: Range, pasture conditions improving most areas. Extreme north, east received less rainfall, forage conditions not as good these areas. Grasses showing increased growth most other areas. Some early small grain fields ready for cattle when fields dry up slightly. Livestock remained good condition. Shipments slow because rainy conditions. Prices some improvement.

UTAH: Temperatures 4 to 60 below normal. Precipitation very light, except southeast, accumulations averaged 0.28 in.

Harvest of corn for grain beginning, fourth cutting of hay full swing. Dry bean, onion harvests wind down stage. Potato, apple harvests continued. Livestock movement to lower ranges about complete. Most livestock good shape.

VIRGINIA: Continued dry, warm until 20th. Record temperatures on 15th; highs reached 90. Temperatures dropped 20 on 20th from previous 70s and 80s. Rain arrived on 20th.

Days suitable for fieldwork averaged 5.8. Topsoil moisture 51% short, 45% adequate, 4% surplus. Grain corn 71% harvested, 61% 1984, 71% avg. Silage corn 99% harvested, 96% 1984, 98% avg. Soybeans good to excellent. Soybeans 9% harvested, 11% 1984, 15% avg. Peanuts good to excellent. Digging 95% complete, 96% 1984, 81% avg. Combining 82% complete, 90% 1984, 71% avg.

Tobacco curing, marketing remains active. Small grain planting making slow progress. Many expect acreage to be reduced this year. Oats 64% seeded, 75% 1984, 81% avg. Barley 64% seeded, 66% 1984, 71% avg. Wheat 22% seeded, 31% 1984, 37% avg. Sweetpotatoes 95% harvested, normal progress. Apple harvest over 80% complete. Pasture condition fair to good. Livestock good to excellent. Marketing feeder cattle, yearlings. Normal fall activities.

WASHINGTON: Rain along coast, northern interior. Columbia Basin, east Cascades dry. Temperatures below normal.

Days suitable for fieldwork 6.7. Soil moisture 50% short, 50% adequate. Winter wheat 94% seeded, 87% 1984, 90% avg.; 62% emerged, 71% 1984, 75% avg. Potatoes 81% harvested, 74% 1984. Apple harvest winding up. Harvest continued for squash, pumpkins, carrots. Livestock good condition. Range and pasture 45% short, 55% adequate. Hay supplies 22% short, 78% adequate.

WEST VIRGINIA: Temperatures averaged above normal. Low 26° at Greenbank; high 86° at Williamson. Average temperature 62°. Precipitation 1.50 to 2.30 in. above normal all divisions except southern division received near 0.20 in. below normal. Most rainfall Charleston 4.85 in.; least 0.21 in. at Gary. Average precipitation 2.15 in.

Days worked averaged 5.3. Soil moisture short to very short. Harvesting corn, general farm maintenance. Fall seeding: Wheat 90% complete; barley 95% complete. Corn 60% harvested.

WISCONSIN: Average temperatures near normal. Precipitation 0.10 in. north, 0.10 to 0.30 in. central, 0.70 in. south; fields muddy condition.

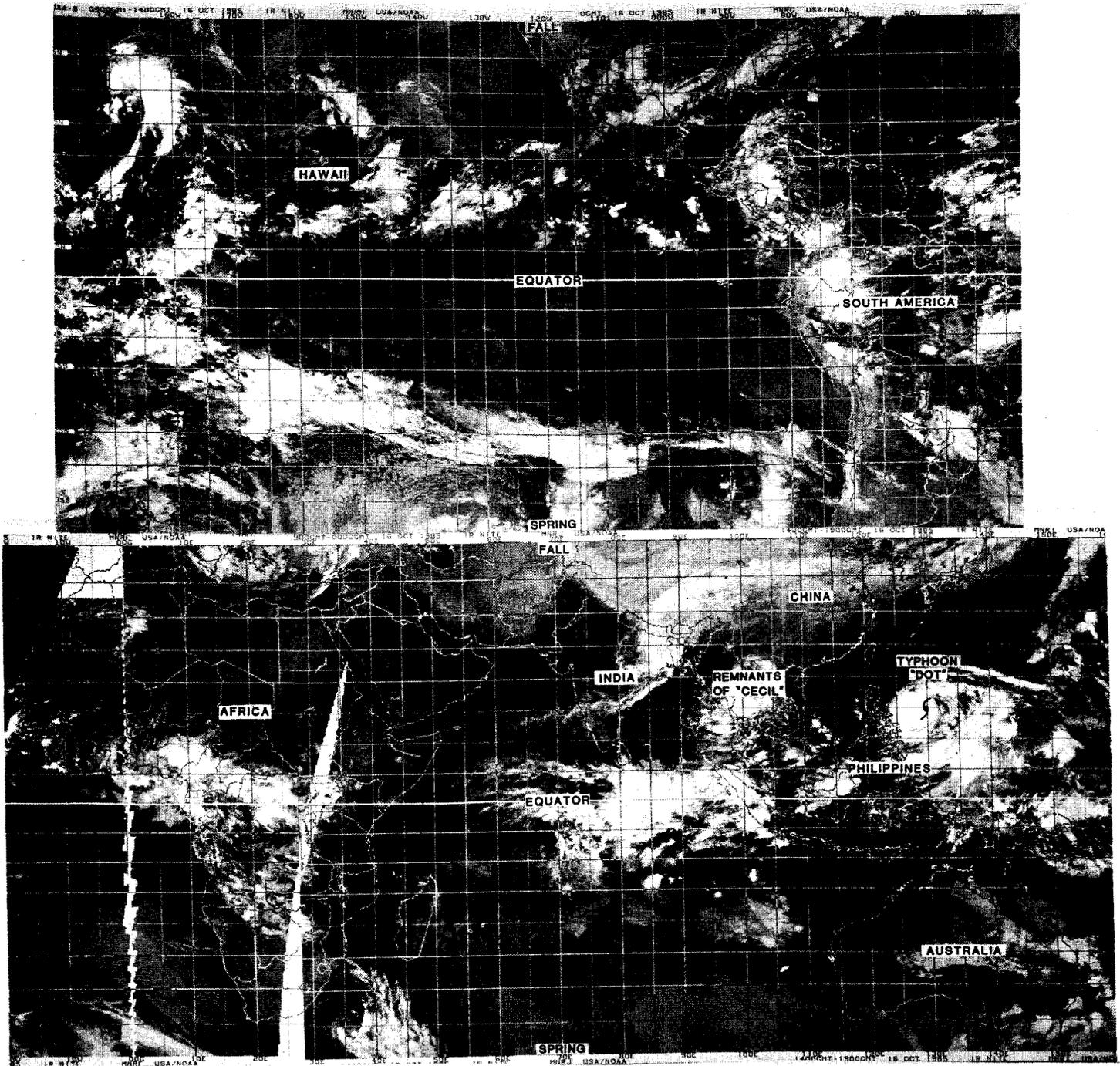
Days suitable for fieldwork 4.6. Soil moisture 24% adequate, 76% surplus. Corn harvested 12%, 18% 1984, 15% avg.; silo filling 61%, 86% 1984, 74% avg. Soybeans harvested 9%, 30% 1984, 23% avg. Cranberry, potato harvest complete. Apple harvest winding down. Wheat, rye emerged; good condition. Christmas tree harvest started, northern areas. Fall plowing 15%, 22% 1984, 19% avg. Pasture 93% of normal, 87% 1984, 90% avg.

WYOMING: Temperatures below normal, lows teens and 20s, highs 60s and 70s. Precipitation also below normal except Snake River Basin.

Topsoil moisture 12% short, 82% adequate, 6% surplus. Subsoil moisture 64% short, 32% adequate, 4% surplus. Corn for grain 25% harvested, 45% 1984, 25% avg. Dry beans 90% harvested, 95% 1984, 90% avg. Potatoes 65% harvested, most 1984, 83% avg. Sugarbeets 55% dug, 80% 1984, 55% avg. Winter wheat fair to good, mostly good a year ago. Livestock mostly average condition; continued movement to winter pasture, markets.

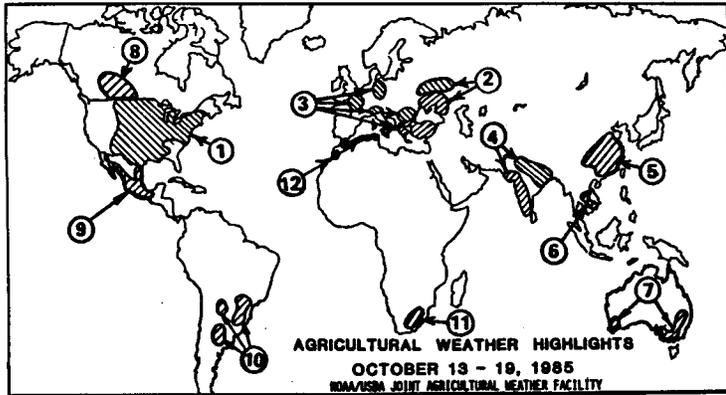
GLOBAL WEATHER SATELITTE IMAGE

OCTOBER 16, 1985



International Weather and Crop Summary

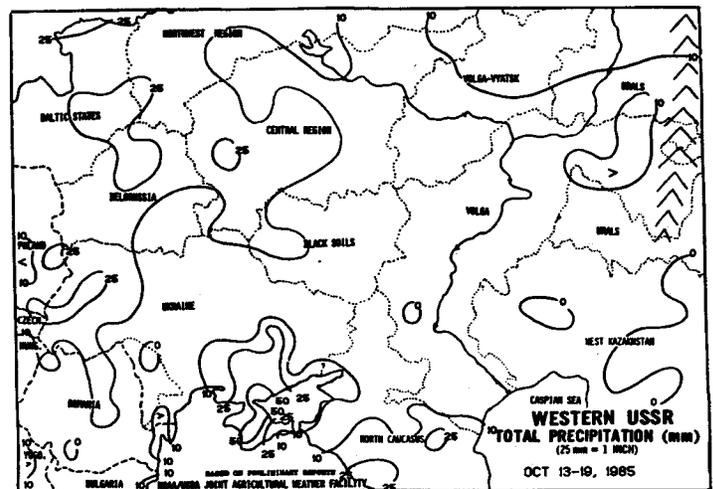
October 13-19, 1985

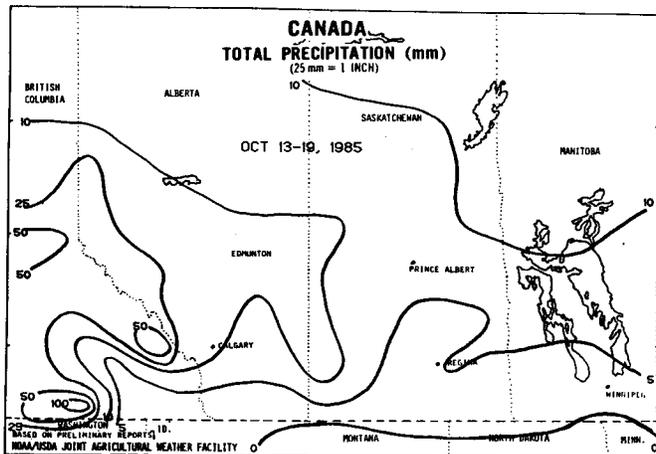


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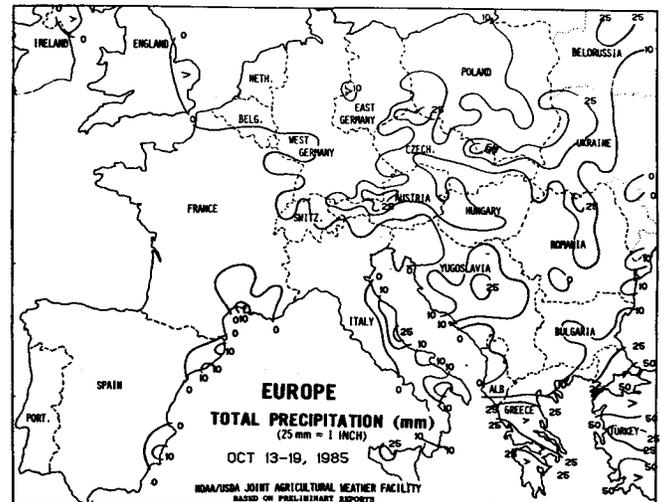
1. **UNITED STATES** ... Precipitation delays harvest and seeding of winter wheat over the eastern two-thirds of the Nation, except for the Southeast States.
2. **WESTERN USSR** ... Widespread rain over Black Sea coastal crops favors winter grain emergence. Additional showers are needed for winter grain growth in the northeastern Ukraine and northern North Caucasus.
3. **EUROPE** ... Continued dryness in France, East Germany, and northern Italy is unfavorable for early wheat growth. Chronic dryness continues in parts of southeastern Europe. Widespread moderate rain favors wheat planting in Greece and Turkey.
4. **SOUTH ASIA** ... Two tropical cyclones produce heavy rains and flooding over northeastern India. Dry weather covers crops in western and south peninsular India.
5. **EASTERN ASIA** ... Locally heavy rain delays summer crop harvesting in southern portions of North China Plain. Mostly dry weather favors harvesting in northern soybean areas and southern rice areas.
6. **SOUTHEAST ASIA** ... Typhoon Dot strikes Luzon, Philippines while the remnants of Typhoon Cecil flood northern Thailand.
7. **AUSTRALIA** ... Showers benefit wheat in most areas, except Western Australia where dryness limits moisture for wheat entering the filling stage.
8. **CANADA** ... Light precipitation falls early in the week but drier, milder weather covers the Prairies grain belt by the weekend.
9. **MEXICO** ... Generally light, scattered showers fall over crop areas. Dry weather returns to the west coast farming area.
10. **SOUTH AMERICA** ... Widespread rain benefits heading wheat and early-sown summer crops in Argentina but keeps Brazil's maturing wheat in Rio Grande do Sul moist. Planting moisture is limited over the remainder of Brazil's center-south.
11. **SOUTH AFRICA** ... Widespread showers improve topsoil moisture for early corn planting.
12. **NORTHWESTERN AFRICA** ... Dry weather covers wheat areas. Winter grain planting begins in November and extends into early January.

WESTERN USSR...A storm system centered over the Black Sea produced widespread rain (25 to 50mm) over Black Sea coastal crop areas. The moisture favored winter grain emergence but may have caused some delays in corn and sugarbeet harvesting. Showers (10 to 30mm) continued in the Baltic States, Belorussia, and the western Ukraine. Light scattered showers (less than 10mm) dotted the northeastern Ukraine, northern North Caucasus, and the lower Volga Valley, where additional rain is needed for winter wheat emergence and early growth. In the Central Region, Volga Vyatsk, northern Black Soils, and northern Volga, several days of sunshine and cold nights provided favorable winter grain hardening conditions. Normally, winter grains enter dormancy in these areas by late October.

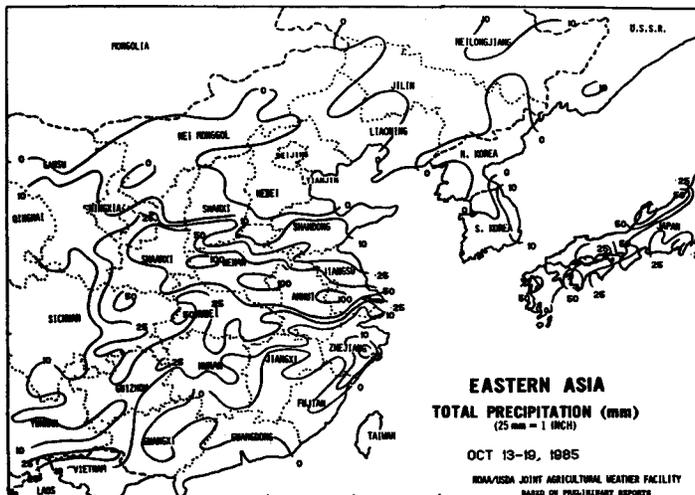




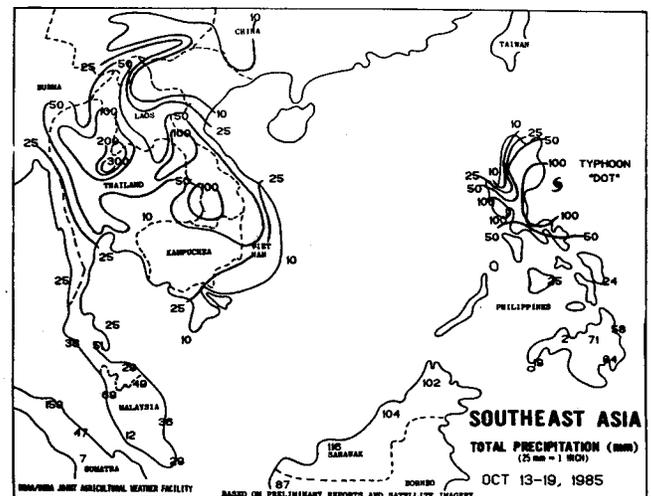
CANADA...Mostly light precipitation (5mm or less) fell over grain areas of Manitoba, Saskatchewan, and southwestern Alberta. Heavier precipitation (10-21mm) fell over the remainder of Alberta. Weekly temperatures generally averaged 1-3C below normal, but drier, milder weather moved into the region during the latter half of the week. Combining increased by week's end, but a rather prolonged period of dryness is needed to complete fieldwork. Early-week reports indicate that Alberta's crops were 70 percent combined, well behind the 10-year average of 94 percent. Saskatchewan's harvest, making significant progress, advanced to about 75 percent complete by week's end, but still lagged substantially behind schedule due to the persistent, unfavorably wet harvest weather.



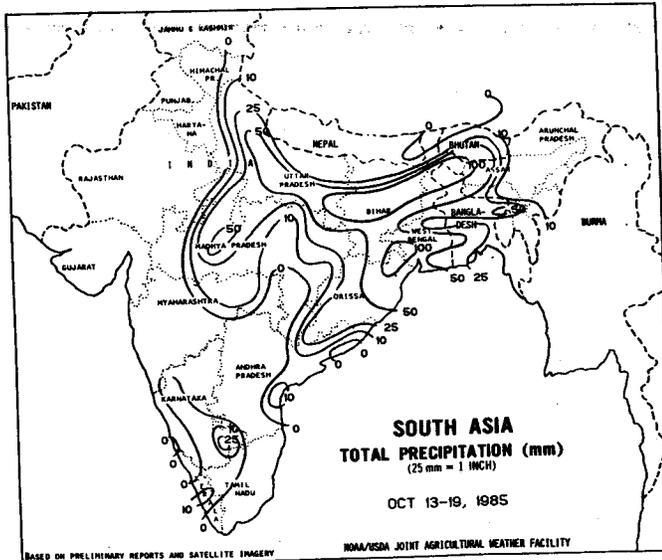
EUROPE...Unseasonably warm, dry weather covered the western two-thirds of the region. Dry weather in France, East Germany, and northern Italy is prompting concern about adequate moisture conditions for winter wheat planting and early growth. In Spain, autumn rains normally begin by late September but no significant rain has fallen over Spain so far this season. Farmers in Spain continued to await the onset of autumn rains before beginning winter grain planting. In southeastern Europe, chronic dryness continued over southern Romania, Bulgaria, and southern Yugoslavia, while widespread moderate rain in Greece and Turkey produced abundant moisture for winter wheat planting.



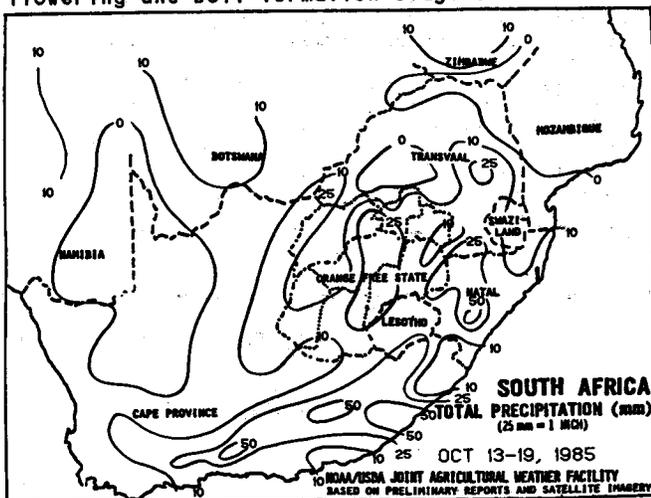
EASTERN ASIA...Locally heavy rain (50-129mm) fell along a near stationary frontal system over southern portions of the North China Plain. The wetness caused additional delays in summer crop harvesting but further replenished soil moisture reserves for winter wheat establishment. Mostly dry weather extended from northern Shandong northward into the Manchurian Valley where weekly rainfall was generally less than 5mm. The dryness in the north favored corn and soybean harvesting. Weekly average temperatures ranged from about 10C in Beijing to 2C in Heilongjiang, somewhat cooler than normal. Weekly rainfall also diminished south of the Yangtze River, with mostly dry weather favoring the rice harvest in Guangdong and Guangxi.



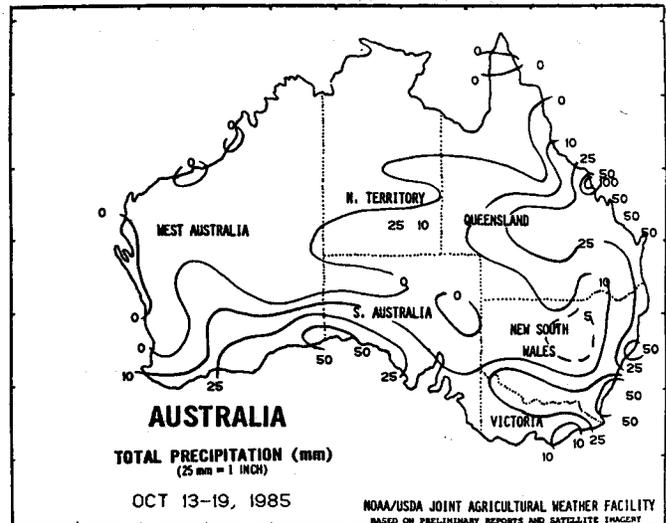
SOUTHEAST ASIA...Typhoons dominated the weather of Southeast Asia as "Cecil" struck Vietnam and brought inundating rain to Thailand while "Dot" hit the Philippines. Wind speeds of up to 150 mph were associated with Typhoon Dot as it hit the northern Philippine island of Luzon. Heavy rain (100 to over 200mm) fell over much of southern Luzon. High winds and flooding likely caused some crop damage. Torrential rain (100-300mm) also flooded much of northern Thailand as the remnants of Typhoon Cecil passed through the region. Some flood damage is expected, but the heavy rain alleviated dryness in the northeast. Weekly rainfall diminished further south in Thailand. Typhoon Cecil produced high winds and heavy rain along coastal areas of central and northern Vietnam likely causing some crop damage in that region.



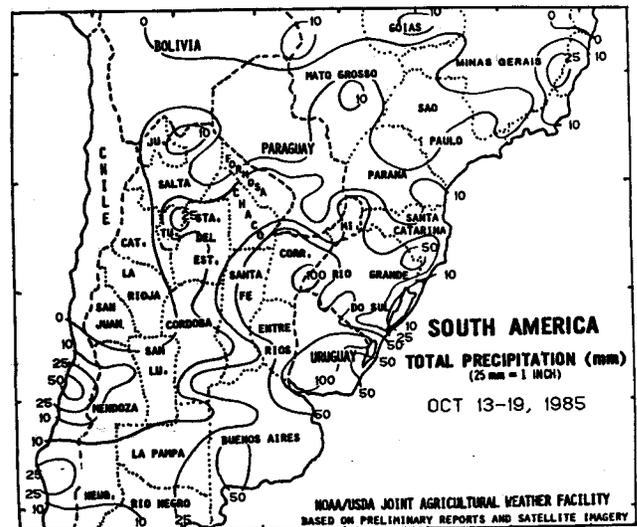
SOUTH ASIA...Two tropical cyclones produced widespread heavy rains over north central and northeastern India. Moderate rain (50 to 100mm,) continued last week's heavy rainfall pattern in northern Madhya Pradesh, central Uttar Pradesh, and northeastern Orissa. Although flooding is likely in many areas, overall, the rain was beneficial to winter rice, normally in the heading stage. The rain also provided abundant moisture for winter wheat planting, but drier weather is needed so that flood waters can recede, allowing access to fields. Heavy rain (100 to 150mm) drenched central Bihar and parts of West Bengal. Dryness in western and south peninsular India aided early groundnut harvesting but additional rain is needed in Gujarat, Myaharashtra, and Karnataka for cotton, which is normally in the flowering and boll formation stages.



SOUTH AFRICA...Widespread showers and thunderstorms fell over the Maize Triangle, improving topsoil moisture for corn sowing. The planting season has just begun in the major corn-producing region. Weekly rainfall averaged 25-45mm in central portions of the Orange Free State, and in western Natal. About 10-20mm of rain fell over the remainder of the Maize Triangle. The early season rain will help to condition the soil following the long dry season. Warmer, drier weather became more prevalent across the region during the latter half of the week, with only isolated thundershowers occurring in the Transvaal.



AUSTRALIA...Widespread showers (20 to 33mm) in southern New South Wales benefited wheat entering the filling stage. Light rain (10 to 20mm) benefited wheat in South Australia, and Victoria. Further north, moderate rain (24 to 44mm) in Queensland was also favorable for immature wheat and summer crop planting. In Western Australia, dry weather continued a below-normal precipitation pattern, which has covered wheat areas since early September, stressing wheat entering the filling stage.



SOUTH AMERICA...Widespread rain fell over Argentina's crops, leaving only the province of Cordoba with any significant area receiving less than 10mm of rain. Moisture is sufficient for heading wheat. Topsoils are adequately moist for summer crop planting, underway in all areas. Substantial rain fell again in Rio Grande do Sul, Brazil's southern wheat growing state, where the crop normally approaches maturity by late October. Drier weather returned to Parana and surrounding states following the previous week's extremely beneficial rain. Corn and cotton planting normally peak during October and early soybean planting begins throughout Brazil's center-south region. Moisture is limited for summer crops, north of Rio Grande do Sul.

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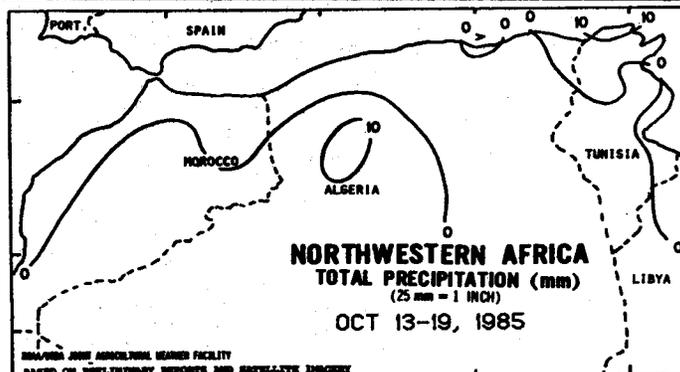
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MEXICO...Some light, scattered showers fell throughout Mexico, but mostly dry weather dominated the region during the week. The dryness was welcomed in west coast farming areas, following last week's passage of Hurricane Waldo. Isolated rain in western portions of the Southern Plateau corn belt helped immature corn, but the general dryness favored summer crop harvesting. Some light shower activity also occurred over the Yucatan peninsula, but rain is needed for corn growth. In the northwest, wheat planting was underway and some light rain around the 15th benefited the early emerging grain.

(Continued from front cover)

southern New England across the lower Great Lakes to the lower Ohio Valley, and scattered showers were over parts of the Pacific Northwest and the upper Mississippi Valley. Mostly mild weather extended from the lower Mississippi Valley to the mid-Atlantic and South Atlantic Coasts.



NORTHWESTERN AFRICA...Mostly dry weather covered winter grain areas in western Morocco, northern Algeria, and northern Tunisia. The winter grain growing season corresponds with the rainy season, which normally begins in early October and ends in May. Winter grain planting can begin by late October if soil moisture is sufficient. The bulk of winter grain planting takes place in Tunisia in November, and Algeria and Morocco in December.

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