

WEEKLY WEATHER AND CROP BULLETIN

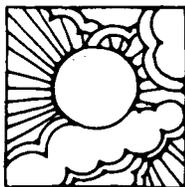
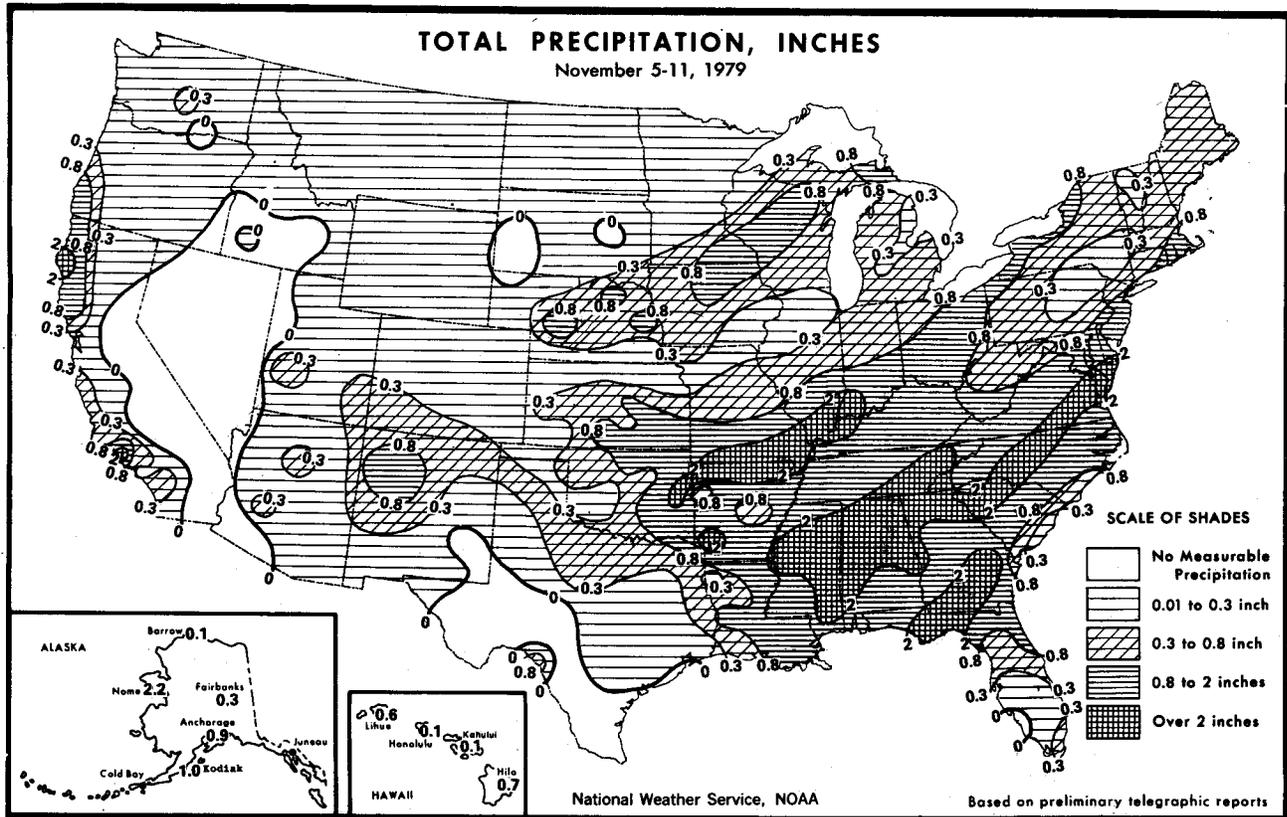
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Nov. 14, 1979



National Weather Summary

November 5 - 11

Early in the week, a cold airmass moved into the northern Plains and by midweek had plunged southward into Mexico. Rain fell along the edge of the cold air as it moved slowly eastward. Snow accumulated in the western Plains and the northern Lakes area. Some heavy rain and severe weather hit the South from Arkansas to Georgia. Elsewhere, a weather system off the West Coast brought moderate rain to some coastal areas and showers to the Southwest.

Temperatures averaged 10 to 12 degrees colder than normal in the northern and central Plains. Near-normal readings prevailed along the East Coast.

On Monday, a low pressure system moved from Kansas to the middle Mississippi Valley bringing snow to the central Plains and rain to the Midwest.

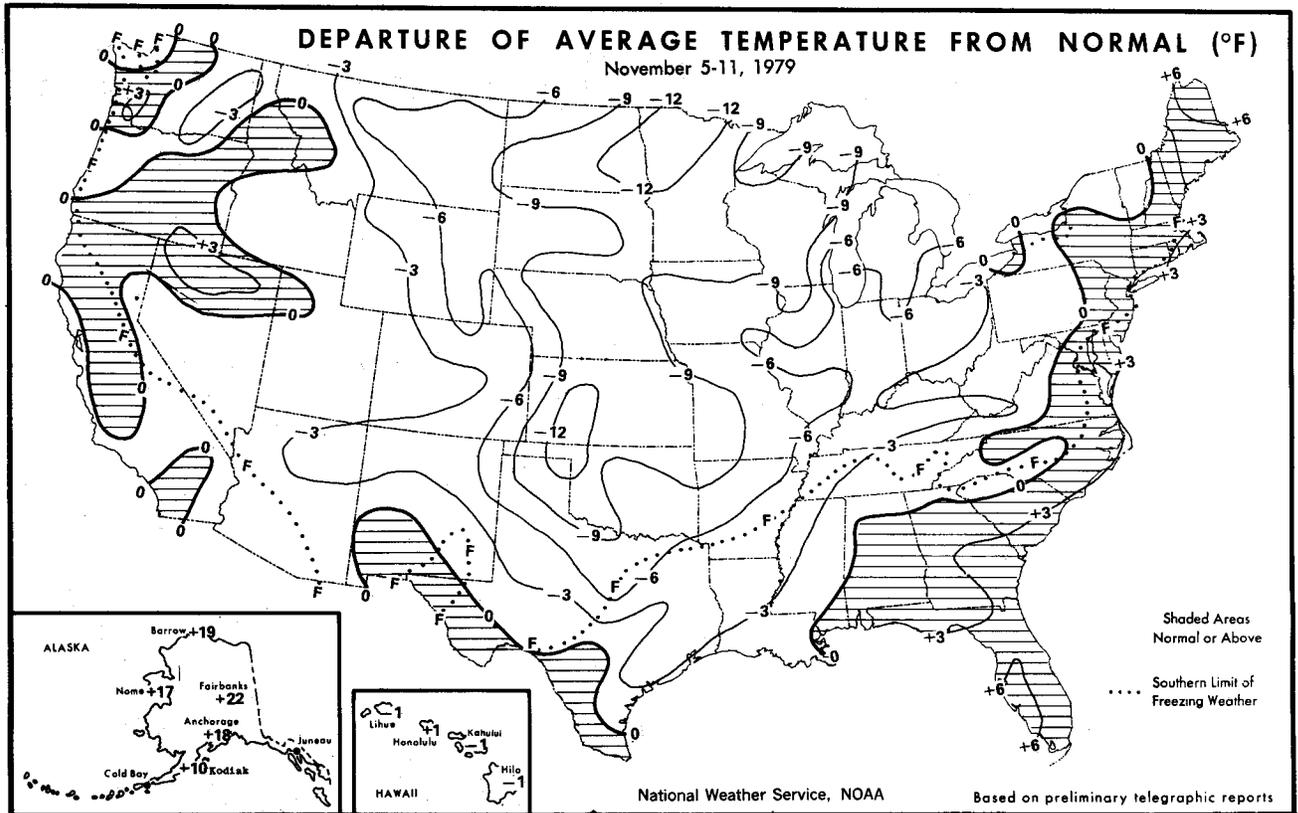
Up to a foot of snow blanketed central Nebraska. Lesser amounts whitened parts of the Rockies and Plateau Region. Light rain dampened the Pacific Northwest.

Very light rain stretched from the Midwest to the Ohio Valley on Tuesday. Other areas of light rain included the Great Lakes area and a small portion of south central Texas.

The Nation's heaviest rain doused northern California; an inch and one-half fell over some points.

The storm system off the California coast continued producing showers, but most totals fell short of a half-inch on Wednesday.

Meantime, very light rain dotted an area from New York State to New England and the southern Plains. Up to 3 inches of snow fell over northern Minnesota.



The Pacific Northwest registered some unseasonably warm temperatures. Though no records were set, readings ranged nearly 10 degrees above normal in Olympia, Wash., 60°, and Seattle, 58°.

On Thursday, the California storm edged southward and inland spreading showers from southern California through the Southwest and as far east as the lower Ohio Valley. A half-inch of rain covered portions of Arkansas and Missouri.

One to two inches of snow dusted sections from the Dakotas to Michigan.

International Falls, northern Minnesota, scored a record low temperature of 1°, undercutting the old mark by three.

Heavy rainfall pushed into the Gulf Coastal States and Tennessee and Ohio Valleys on Friday. More than 3 inches of rain soaked parts of northern Mississippi. Other areas of rainfall included an inch and a half at Jackson, Miss., and Anniston, eastern Alabama, and more than an inch at Chattanooga and Knoxville in Tennessee. A tornado touched down near Birmingham, Ala.

Up to 3 inches of snow fell over the upper Midwest, while showers advanced to the Atlantic Coast by day's end.

Temperatures dipped sharply in the northern tier of States from the Dakotas to the Great Lakes. New low marks showed -1° at Fargo, N. Dak., and in Michigan, Alpena's 15° and Muskegon's 22°.

Rain persisted over the Deep South and up the Atlantic Coast on Saturday.

The 24-hour totals reached 2 to 4 inches over eastern Tennessee and the northern sections of Alabama and Georgia. Less than an inch of rain extended as far north as New Jersey.

The half-inch of rain at Baltimore nudged the year's moisture total to a record 56.73 inches.

While chilling temperatures set records in the Midwest, unseasonable warmth stretched over the southern Atlantic Coastal States.

New low marks in the Midwest included -4° at Fargo, 10° at La Crosse, western Wisconsin, 12° at Madison, Wisc., -1° at St. Cloud, south central Minnesota, and a record-equaling 9° at Minneapolis/St. Paul.

Record high readings showed 83° at Norfolk, southeastern Virginia, a record-tying 83° at Charleston, S.C., and Miami's 86°.

On Sunday, a slow-moving cold front headed over the Eastern Seaboard and stalled; rain fell from New England to the Gulf Coast.

A sampling of rain accumulations included 1 to 2 inches from Louisiana eastward to Florida and northward through Maryland. Half-inch rains dominated the weather from the middle Atlantic States to New England.

To the west, up to 3 inches of snow fell over Colorado and the northern reaches of New Mexico and Oklahoma.

Temperatures remained cold in the Midwest. Madison, Wisc., established another record at 9°. Peoria, central Illinois, knotted its record of 15°.



National Agricultural Summary

November 5 - 11

HIGHLIGHTS: Rains across the South delayed harvests and land preparation. Wet soils and high moisture content in grain slowed harvest operations in the northern Corn Belt. Soil moisture rated adequate throughout most of the Nation except in some parts of Illinois, the northern Plains, the Southeast, and parts of the West. Farmers had only 4 to 5 days suitable for fieldwork because of wet conditions, rain, and some snow. Winter wheat planting reached 95%, compared with 99% last year and the 98% average. Recent rains helped wheat, although the southern Plains need additional moisture. Corn harvest reached 70%, lagging last year's 91% and the 83% average. Soybean harvest stood at 87%, short of last year's 92% but ahead of the 82% average. Cotton harvest reached 52%, ahead of the 49% for last year and average. Grain sorghum combining advanced to 87%, falling between last year's 92% and the 84% average. The rice harvest was virtually complete in all areas. Rains improved fall grazing from the Delta States eastward, but to the West rangelands needed additional moisture. Farm fuel supplies showed very little change from the previous week. LP gas rated 6% tight, 92% adequate, and 2% surplus. Diesel fuel scored 15% tight and 84% adequate. Gasoline stood at 11% tight and 88% adequate.

SMALL GRAINS: Winter wheat seeding reached 95%, slightly behind last year's 99% and the 98% average. Planting wound down in all States except California which stood at 22%. The northern Plains winter wheat rated mostly fair to good; recent light rains improved growing conditions. Oklahoma rains improved the crop; emergence stood at 65%, falling short of the 90% for last year and the average. Rains in the Texas Panhandle improved growing conditions, although more rains were needed to the south. Many dryland fields in the Edwards Plateau and South Texas that were planted as much as 6 weeks ago awaited moisture for germination. Those fields which have emerged have yet to establish good root growth. The Colorado wheat crop rated very good. Planting in the Northwest was almost complete; the crop rated good.

CORN: Corn harvest in the 17 major producing States reached 70%, lagging well behind last year's 91% and the 83% average. Wet fields, lodged stalks, and high moisture-content grain continued to plague harvest progress in the northern Corn Belt. Some farmers scheduled their combining operations to take advantage of frozen ground. Dryer capacity held at a premium in the wet areas. In the eastern Corn Belt, harvest reached 73%, compared with 87% last year and the 79% average. Michigan and Wisconsin harvests continued to lag most in the region. In the western Corn Belt, harvest reached 65%, 30 fewer points than last year and 21 points below the average. All States lagged last year's progress, but the difference in Minnesota was most significant. Harvest neared completion in many parts of the South.

SOYBEANS: Soybean combining advanced to 87%, down 5 points from last year but 5 points more than the average. The same conditions which hampered corn

harvest in the north central States also affected soybeans but to a lesser degree. Harvest throughout the north central States was about finished with eastern areas at 97% and western areas at 96%. In the south central States, combining stood at 78%, off 10 points from last year but 9 points greater than average. The Delta area needs drier weather and more storage space to handle the crop. The Southeast harvest stood at 43%, equaling the average but a 17-point decline from last year.

COTTON: Cotton picking stood at 52%, 3 points more than both last year and average. The fast harvest in California, compared with last year, offset the slower pace in the Delta. The Alabama harvest ran one month late. Texas growers south of the northern High Plains needed a hard freeze to defoliate plants and speed picking. Arizona growers made excellent progress picking cotton. California growers were already shredding stalks and discing or plowing fields.

OTHER CROPS: Grain sorghum harvest reached 87%, short of last year by 5 points but 3 points ahead of the average. In Texas, heavy rains lodged some stands and high humidity slowed harvest operations. The South Dakota harvest was a week late.

Rice harvest was practically complete; Arkansas combining stood at 98% complete; and California reached 92%. Texas growers harvested some second crop rice.

The sunflower harvest stood at 79% in North Dakota--3 weeks late. South Dakota combining reached 87%, which was only a week behind schedule. The Minnesota harvest reached 80%.

FRUITS & NUTS: Northern growers picked a few apples; most growers began orchard maintenance such as pruning, clean-up, and rodent control. The pecan harvest ranged from 23% in Texas to 47% in Louisiana.

Florida citrus trees rated excellent following recent rains. The color break was good on all varieties except Valencias. The early Texas citrus harvest continued gaining momentum; reduced supply strengthened the market. Arizona growers harvested lemons, grapefruit, and Navels. California growers harvested some grapefruit, a variable-quality lemon crop, and a light volume of Navels.

VEGETABLES: Northern growers continued to harvest a few root crops such as carrots. The South Carolina cucumber and snap bean harvests were almost complete. Florida vegetable shipments increased 38% from the previous week. Most vegetable supplies showed increases except radishes and squash, which held steady. Vegetable crops rated fair to mostly very good. In Texas, vegetables grew well except in northern areas where freezing weather ended production. California growers harvested broccoli, carrots, cauliflower, celery, lettuce, and a declining volume of tomatoes.

PASTURES & LIVESTOCK: Rains continued to keep southern pastures in fair to good condition, however, cooler weather pushed many grasslands into the usual seasonal decline. Texas rains brought some relief to deteriorating rangelands; virtually no winter wheat grazing was available except where it was irrigated. In Arizona, high elevation pastures rated fair to good, but dry conditions elsewhere reduced the availability of winter forage. Idaho cattle grazed crop stubble fields. Rains improved Oregon grasslands. Herds in colder areas of the Nation began feeding on winter rations.

Weather Data for the Week Ending Nov. 11, 1979

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. 3	Pct. normal since Sept. 3	Average maximum	Average minimum	Temperature °F		Precipitation		
														90 and above	32 and below	.01 inch or more	.50 inch or more	
ALA. Birmingham . . .	65	44	77	36	55	1	2.4	1.6	1.9	14.6	203	94	52	0	0	3	1	
Mobile . . .	71	51	80	44	61	1	1.1	.5	.7	16.4	171	89	58	0	0	3	1	
Montgomery . . .	70	47	77	34	58	1	1.4	.6	.7	7.3	99	84	52	0	0	3	1	
ALASKA. Anchorage . . .	46	36	53	20	41	18	.9	.7	.2	4.4	107	85	68	0	2	6	0	
Barrow . . .	28	17	32	13	23	30	.1	0	.1	.5	50	88	67	0	7	2	0	
Fairbanks . . .	35	24	42	5	29	22	.3	.1	.2	.7	37	89	71	0	6	4	0	
Kodiak . . .	50	43	52	30	47	10	1.0	.3	.7	12.1	86	86	69	0	1	1	1	
Nome . . .	40	33	41	28	37	18	2.2	1.9	.7	6.8	162	92	81	0	2	6	2	
ARIZ. Flagstaff . . .	48	23	56	13	36	-3	.7	.4	.5	2.1	60	85	46	0	7	3	0	
Phoenix . . .	73	49	78	43	61	-1	.1	0	.1	.3	27	67	25	0	0	2	0	
Tucson . . .	73	48	82	42	60	0	T	.1	T	.3	16	54	22	0	1	1	0	
Winslow . . .	56	33	62	24	44	-1	.2	.1	.1	.6	40	--	--	0	4	2	0	
Yuma . . .	79	52	81	46	65	-1	0	.1	0	0	0	33	20	0	0	0	0	
ARK. Fort Smith . . .	53	35	61	25	44	-9	.8	.1	.7	5.5	71	83	53	0	3	1	1	
Little Rock . . .	58	38	68	23	48	-5	.5	.3	.4	6.7	88	79	47	0	1	2	0	
CALIF. Bakersfield . . .	74	48	78	42	61	3	T	.1	T	.7	117	--	37	0	0	0	0	
Eureka . . .	60	48	63	43	54	2	1.7	.4	1.7	9.6	163	96	59	0	0	2	1	
Fresno . . .	69	45	74	43	57	2	T	.1	T	.8	89	92	42	0	0	1	0	
Los Angeles . . .	68	52	74	50	60	-2	0	.4	0	.4	40	85	60	0	0	0	0	
Red Bluff . . .	68	46	76	38	57	1	T	.6	T	4.2	168	93	48	0	0	0	0	
San Diego . . .	70	59	72	54	64	2	.3	0	.2	1.0	100	81	66	0	0	2	0	
San Francisco . . .	64	48	68	46	56	-1	.2	.3	.2	3.1	172	93	59	0	0	2	0	
Stockton . . .	69	44	72	41	57	1	T	.4	T	1.6	107	--	48	0	0	0	0	
COLO. Denver . . .	47	28	59	23	38	-4	.2	0	.2	1.9	73	87	57	0	7	4	0	
Grand Junction . . .	51	33	55	29	42	-1	.2	.1	.2	.4	21	66	45	0	4	1	0	
Pueblo . . .	53	27	67	17	40	-3	.2	.1	.1	1.2	67	--	34	0	7	2	0	
CONN. Bridgeport . . .	54	42	60	34	48	-1	.9	0	.8	9.0	132	82	47	0	0	3	1	
Hartford . . .	54	38	62	28	46	2	.8	.3	.6	10.0	128	84	54	0	3	3	1	
D.C. Washington . . .	61	45	66	38	53	2	1.0	.4	.6	13.4	209	86	62	0	0	3	1	
FLA. Apalachicola . . .	76	55	80	46	66	3	2.5	2.0	1.5	19.7	163	86	63	0	0	2	2	
Daytona Beach . . .	80	65	85	59	73	6	1.0	.4	.5	23.0	174	90	58	0	0	2	1	
Ft. Myers . . .	88	68	91	64	78	7	0	.3	0	15.0	112	89	51	2	0	0	0	
Jacksonville . . .	77	55	82	47	66	3	1.4	.9	.9	20.3	159	100	64	0	0	2	1	
Key West . . .	83	76	87	74	80	3	.1	.6	.1	5.9	43	88	68	0	0	1	0	
Miami . . .	84	72	86	68	78	5	.3	.5	.1	16.7	93	80	56	0	0	2	0	
Orlando . . .	83	62	87	59	72	4	.4	0	.4	10.7	92	96	51	0	0	1	0	
Tallahassee . . .	75	50	80	39	62	2	3.3	2.8	2.5	14.0	140	86	59	0	0	3	2	
Tampa . . .	82	64	84	57	73	5	.3	.2	.3	14.5	159	90	52	0	0	1	0	
W. Palm Beach . . .	83	69	86	61	76	3	.3	.5	.1	25.3	130	88	63	0	0	4	0	
GA. Atlanta . . .	67	45	75	39	56	2	1.6	.8	1.2	10.8	161	86	54	0	0	2	1	
Augusta . . .	71	44	80	31	58	2	1.7	1.1	1.6	7.5	127	95	55	0	1	2	1	
Macon . . .	72	48	78	34	60	3	1.8	1.3	1.7	8.1	133	94	53	0	0	2	1	
Savannah . . .	76	52	84	46	64	5	.6	.3	.5	14.1	162	81	53	0	0	2	1	
HAWAII. Hilo . . .	--	--	--	--	73	-1	.7	-2.3	--	10.0	44	--	--	0	0	--	--	
Honolulu . . .	85	71	88	66	78	-1	.1	.6	.1	1.3	43	--	--	0	0	3	0	
Kahului . . .	--	--	--	--	75	-1	.1	.4	--	--	--	--	--	0	0	--	--	
Lihue . . .	--	--	--	--	75	-1	.6	.6	--	4.0	53	--	--	0	0	--	--	
IDAHO. Boise . . .	53	29	61	21	41	-1	T	.3	T	1.5	94	82	40	0	5	0	0	
Lewiston . . .	49	37	58	29	43	1	T	.3	T	2.0	83	92	69	0	1	0	0	
Pocatello . . .	46	27	52	22	37	-1	T	.2	T	1.5	107	80	50	0	6	0	0	
ILL. Cairo . . .	53	40	66	31	47	-4	1.8	.9	1.1	5.3	74	--	--	0	1	3	2	
Chicago . . .	45	31	59	21	38	-5	.3	.2	.1	2.2	34	73	48	0	4	4	0	
Moline . . .	42	26	59	14	34	-8	.1	.4	.1	2.6	36	81	47	0	6	4	0	
Peoria . . .	44	27	61	15	36	-7	.2	.3	.1	1.9	29	85	58	0	5	4	0	
Rockford . . .	40	24	57	12	32	-9	.2	.4	.1	1.8	23	91	54	0	6	5	0	
Springfield . . .	48	32	65	20	40	-5	.5	0	.3	1.9	27	80	60	0	4	3	0	
IND. Evansville . . .	49	36	63	29	42	-5	2.1	1.3	1.5	7.5	117	82	59	0	3	2	2	
Ft. Wayne . . .	43	32	56	25	37	-6	.6	.1	.6	4.0	65	80	68	0	5	3	1	
Indianapolis . . .	46	33	59	23	40	-5	.7	0	.6	4.6	71	83	61	0	2	3	1	
South Bend . . .	46	34	58	27	40	-3	.7	.1	.4	6.0	86	79	60	0	3	4	0	
IOWA. Burlington . . .	43	32	58	24	38	-6	.2	.2	.1	2.8	39	--	--	0	3	2	0	
Des Moines . . .	42	28	50	21	35	-6	.7	.3	.7	4.7	84	73	52	0	6	1	1	
Dubuque . . .	38	25	56	14	32	-7	.4	.2	.4	3.1	38	73	43	0	6	1	0	
Sioux City . . .	40	24	50	17	32	-8	.4	.2	.4	7.7	164	87	63	0	7	1	0	
KANS. Concordia . . .	44	25	53	16	35	-10	.1	.2	.1	5.8	109	84	54	0	7	1	0	
Dodge City . . .	41	28	54	22	34	-11	.2	.1	.2	3.6	100	85	65	0	5	1	0	
Goodland . . .	43	27	50	20	35	-6	T	.1	T	2.2	88	92	61	0	7	1	0	
Topeka . . .	46	29	59	20	37	-8	T	.3	.1	5.0	81	81	56	0	5	3	0	
Wichita . . .	44	31	53	25	38	-10	.7	.4	.7	5.3	83	82	61	0	5	3	1	
KY. Lexington . . .	51	36	63	30	43	-4	1.3	.5	1.1	14.7	262	89	61	0	2	3	1	
Louisville . . .	54	38	65	31	46	-2	1.3	.6	1.0	15.3	243	87	53	0	1	2	1	

Based on preliminary reports and 1941-70 normals

Weather Data for the Week Ending Nov. 11, 1979

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-hours, in.	Total, in., since Sept. 3	Pct. normal since Sept. 3	Average maximum	Average minimum	Temperature °F		Precipitation	
														90 and above	32 and below	.01 inch or more	.50 inch or more
LA. Baton Rouge	70	48	82	40	59	-1	1.2	.4	.9	7.1	93	89	56	0	0	2	1
LA. Lake Charles	70	49	78	42	60	-2	.6	.2	.6	16.3	187	91	57	0	0	1	1
LA. New Orleans	72	52	86	44	62	-0	1.5	.7	1.1	6.0	70	84	60	0	0	3	3
LA. Shreveport	66	43	74	37	55	-4	.2	.6	.2	7.8	113	88	48	0	0	1	1
MAINE. Caribou	48	35	60	28	42	7	.3	.5	.3	8.0	103	84	60	0	2	2	0
MAINE. Portland	53	37	60	28	45	3	.7	.4	.3	13.0	165	89	68	0	2	3	0
MD. Baltimore	58	40	63	31	49	0	1.1	.4	.6	13.8	209	87	61	0	1	4	2
MASS. Boston	55	43	67	36	49	1	.9	.1	.8	9.0	120	87	70	0	0	4	1
MASS. Chatham	56	45	65	39	51	-1	1.5	-.1	.7	8.2	109	90	69	0	0	4	2
MICH. Alpena	36	24	48	10	30	-8	.2	.4	.1	3.3	56	58	58	0	6	4	0
MICH. Detroit	44	29	54	21	37	-6	.5	.1	.4	3.0	55	85	58	0	6	3	0
MICH. Flint	43	29	53	21	36	-5	.6	.0	.3	3.1	56	84	59	0	4	3	0
MICH. Grand Rapids	42	29	57	23	36	-6	.3	-.4	.1	3.0	44	84	64	0	4	3	0
MICH. Houghton Lake	37	24	51	14	30	-8	.4	.2	.2	3.2	48	88	62	0	7	4	0
MICH. Lansing	40	30	54	19	35	-6	.4	.2	.2	2.9	51	85	65	0	4	4	0
MICH. Marquette	29	15	38	0	22	-15	.6	.2	.3	10.3	156	89	67	0	7	6	0
MICH. Muskegon	41	29	54	22	35	-7	.4	.3	.1	5.4	76	82	59	0	4	4	0
MICH. S. Ste. Marie	33	23	42	13	28	-8	1.1	.3	.4	9.2	121	87	65	0	6	6	0
MINN. Duluth	31	17	40	5	24	-8	.1	.3	.1	4.6	79	71	48	0	7	4	0
MINN. Internatl. Falls	24	9	30	-1	16	-13	.2	-.1	.2	4.9	92	86	64	0	7	4	0
MINN. Minneapolis	34	21	41	9	27	-9	.2	.1	.1	5.4	113	81	58	0	7	4	0
MINN. Rochester	33	20	45	3	26	-10	1.3	.9	1.2	6.8	131	86	69	0	6	4	1
MINN. St. Cloud	34	14	41	-1	24	-10	.2	.1	.1	6.1	133	83	69	0	7	3	0
MISS. Jackson	67	41	76	34	54	-3	1.8	1.0	1.8	9.3	148	90	52	0	0	1	1
MISS. Meridian	67	42	82	32	55	-1	2.9	2.2	2.5	14.2	222	93	56	0	1	3	0
MO. Columbia	46	30	61	21	38	-9	.6	.2	.4	5.0	61	86	57	0	5	3	1
MO. Kansas City	44	30	60	25	37	-8	.1	.3	.1	4.0	51	63	51	0	5	3	0
MO. St. Louis	49	33	67	22	41	-6	.5	.1	.3	2.4	38	91	59	0	3	3	0
MO. Springfield	48	31	62	21	39	-9	1.4	.8	1.0	5.0	60	77	55	0	5	3	1
MONT. Billings	40	28	50	25	34	-4	.1	-.1	.1	1.0	38	78	56	0	7	1	0
MONT. Glasgow	32	19	40	14	25	-7	.1	0	T	.9	64	87	63	0	7	4	0
MONT. Great Falls	38	24	44	16	31	-6	.1	-.1	T	1.2	60	81	60	0	7	4	0
MONT. Havre	39	21	47	7	30	-3	.1	0	T	1.4	78	78	50	0	7	2	0
MONT. Helena	43	25	45	18	34	-1	T	T	T	2.5	33	77	44	0	7	1	0
MONT. Kalispell	41	26	44	18	33	1	T	T	T	2.1	72	81	64	0	6	1	0
MONT. Miles City	36	22	40	17	29	-6	.1	.0	T	.4	20	79	65	0	7	0	0
MONT. Missoula	44	32	48	27	38	4	T	-.2	T	.9	41	85	55	0	4	1	0
NEBR. Grand Island	41	23	47	15	32	-10	.4	.3	.4	5.4	146	79	54	0	7	1	0
NEBR. Lincoln	44	25	53	17	34	-9	.3	.1	.3	6.0	128	92	59	0	7	1	0
NEBR. Norfolk	39	22	46	17	30	-9	.6	.4	.6	6.7	176	82	64	0	7	1	1
NEBR. N. Platte	42	18	48	12	30	-9	1.1	1.0	1.1	3.2	103	78	48	0	7	2	1
NEBR. Omaha	41	25	53	15	33	-9	.8	.5	.8	7.4	145	87	65	0	7	2	1
NEBR. Valentine	41	18	52	11	29	-8	T	.1	T	3.0	120	80	56	0	7	0	0
NEV. Ely	51	20	54	13	36	0	0	-.1	0	1.0	91	69	22	0	7	0	0
NEV. Las Vegas	67	43	70	39	55	0	T	-.1	T	0	0	42	20	0	0	0	0
NEV. Reno	59	21	61	17	40	-2	0	-.1	0	.4	44	81	22	0	7	0	0
NEV. Winnemucca	63	25	64	16	44	5	0	-.2	.9	.9	69	79	23	0	5	0	0
N.H. Concord	52	31	66	23	41	0	.5	.5	.3	9.0	127	90	50	0	5	3	0
N.J. Atlantic City	58	39	65	29	48	0	1.5	.5	1.0	7.9	103	90	63	0	3	2	1
N.J. Trenton	56	43	64	36	50	1	.9	.2	.6	11.7	172	88	50	0	0	3	1
N.MEX. Albuquerque	57	34	63	26	46	-1	.8	.8	.5	1.5	94	81	37	0	2	2	1
N.MEX. Roswell	59	38	67	30	49	0	T	-.1	T	.3	10	88	50	0	1	0	0
N.Y. Albany	52	35	59	28	43	1	.1	.6	.1	8.9	137	88	50	0	3	2	0
N.Y. Binghamton	49	35	56	31	42	0	.3	.4	.1	8.4	120	82	59	0	2	4	0
N.Y. Buffalo	50	37	56	33	43	1	1.7	.8	.7	11.1	148	81	65	0	0	5	1
N.Y. New York	56	45	65	43	51	1	.8	0	.7	9.6	137	74	65	0	0	2	1
N.Y. Rochester	50	36	55	31	43	0	.6	-.1	.3	8.1	137	86	66	0	2	4	0
N.Y. Syracuse	53	37	61	34	45	1	.6	-.1	.4	8.5	127	81	57	0	0	3	0
N.C. Asheville	60	38	64	28	49	1	1.6	1.0	1.1	11.7	154	81	58	0	3	4	1
N.C. Charlotte	63	43	69	35	53	0	2.1	1.5	1.6	15.4	226	88	60	0	0	4	1
N.C. Greensboro	63	40	69	29	51	1	2.6	2.0	1.6	19.0	268	91	55	0	3	2	2
N.C. Hatteras	68	53	76	39	61	3	1.3	.3	.8	19.7	167	95	70	0	0	3	1
N.C. Raleigh	65	40	78	30	52	0	1.9	1.2	1.8	11.8	164	99	56	0	3	2	1
N.C. Wilmington	73	49	82	39	61	3	.4	-.3	.2	15.8	166	87	54	0	0	3	0
N.DAK. Bismarck	33	11	41	6	22	-10	T	-.1	T	.9	41	88	44	0	7	1	0
N.DAK. Fargo	27	10	33	-4	19	-14	.2	0	.2	3.2	103	89	67	0	7	3	0
N.DAK. Williston	31	14	42	9	23	-9	T	-.1	T	.5	28	86	52	0	7	1	0
OHIO. Akron-Canton	47	33	55	26	40	-3	1.0	.5	.9	10.9	188	82	60	0	4	4	1
OHIO. Cincinnati	50	37	62	32	44	-3	1.3	.6	1.2	12.2	218	80	65	0	1	3	1
OHIO. Cleveland	46	33	54	22	39	-5	.8	.2	.7	6.2	100	84	65	0	4	4	1
OHIO. Columbus	48	34	59	28	41	-3	1.0	.4	1.0	9.7	194	89	67	0	3	2	1
OHIO. Dayton	48	34	61	24	41	-3	.8	.3	.8	6.8	136	84	52	0	1	2	1
OHIO. Toledo	44	32	56	29	38	-5	.7	.2	.6	5.7	108	98	66	0	4	2	1
OHIO. Youngstown	49	33	56	25	41	-2	.8	.1	.7	8.0	125	83	63	0	4	4	1

Based on preliminary reports and 1941-70 normals

Weather Data for the Week Ending Nov. 11, 1979

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-hours, in.	Total, in., since Sept. 3	Pct. normal since Sept. 3	Average maximum	Average minimum	Temperature °F		Precipitation		
														90 and above	32 and below	.01 inch or more	.50 inch or more	
OKLA.Okla. City	52	35	65	22	44	- 8	F	.3	F	1.8	28	73	45	0	3	1	0	
Tulsa	52	35	65	24	43	- 8	F	.3	F	3.1	39	81	55	0	3	3	0	
OREG.Astoria	58	42	64	33	50	3	.1	2.3	.1	15.0	116	89	65	0	0	1	0	
Burns	54	25	57	19	40	2	.1	.2	.1	1.9	112	87	35	0	6	1	0	
Medford	57	36	69	30	47	1	.1	.7	.1	4.6	124	88	55	0	4	1	0	
Pendleton	47	35	54	26	41	- 2	T	.4	F	2.1	95	94	72	0	3	0	0	
Portland	59	41	64	31	50	3	.2	1.2	.2	6.6	96	82	59	0	1	1	0	
Salem	55	35	63	28	45	1	.1	1.1	.1	7.1	95	92	67	0	2	1	0	
PA.Allentown	55	39	61	30	47	2	.7	.1	.4	13.3	182	90	60	0	2	5	0	
Erie	49	39	56	31	43	0	.9	0	.3	10.7	135	-	-	0	2	4	0	
Harrisburg	54	38	60	28	46	- 1	.3	.6	.2	12.1	195	86	59	0	2	2	0	
Philadelphia	57	42	65	33	49	1	.9	.1	.7	10.5	157	90	65	0	0	2	1	
Pittsburgh	51	34	58	28	43	- 1	.5	.1	.3	7.0	117	73	55	0	3	3	0	
Scranton	52	38	59	29	45	1	.2	.5	.1	10.8	169	83	57	0	1	3	0	
R.I.Providence	57	41	68	32	49	3	1.1	.1	.8	11.3	145	83	61	0	1	3	0	
S.C.Charleston	75	51	83	43	63	5	1.1	.4	T	20.9	238	90	55	0	0	1	0	
Columbia	71	43	81	30	57	1	1.9	1.4	1.9	13.5	180	97	54	0	1	1	0	
Greenville	62	43	65	35	53	- 1	1.6	.9	.8	13.3	171	92	65	0	0	3	2	
S.DAK.Aberdeen	33	20	40	12	27	- 7	T	.1	T	1.2	39	83	56	0	7	0	0	
Huron	37	21	47	14	29	- 7	T	.2	T	1.9	54	82	54	0	7	0	0	
Rapid City	40	19	49	14	30	- 8	T	.1	T	1.0	45	78	43	0	7	0	0	
Sioux Falls	36	20	46	12	28	- 8	T	0	.2	7.5	163	86	64	0	7	3	0	
TENN.Chattanooga	59	42	65	34	51	- 1	3.5	2.6	3.0	14.7	196	90	61	0	0	4	1	
Knoxville	60	41	65	34	51	- 1	2.5	1.7	1.9	8.3	128	88	58	0	0	4	1	
Memphis	60	42	69	34	51	- 2	1.3	.4	1.3	6.9	103	76	45	0	0	1	1	
Nashville	56	39	65	34	48	- 3	.8	.1	.8	17.2	277	86	55	0	0	3	1	
TEX.Abilene	62	42	77	28	52	- 4	.3	0	.2	.8	15	74	39	0	1	2	0	
Amarillo	48	33	57	24	40	- 8	.4	.2	.2	2.2	55	81	68	0	4	3	0	
Austin	69	49	80	40	59	- 2	T	.5	T	1.8	25	75	46	0	0	1	0	
Beaumont	72	50	83	43	61	- 1	.1	.8	.1	13.2	129	84	54	0	0	1	0	
Brownsville	79	62	87	53	70	1	0	.4	0	9.9	111	89	52	0	0	0	0	
Corpus Christi	79	57	90	47	68	2	0	.5	0	13.3	162	83	45	1	0	0	0	
Del Rio	70	53	81	48	62	0	.3	.1	.3	1.0	19	73	51	0	0	1	0	
El Paso	66	41	73	33	54	0	T	0	T	.4	20	69	30	0	0	1	0	
Fort Worth	62	43	67	37	52	- 6	.3	.2	.3	4.7	72	74	49	0	0	2	0	
Galveston	68	56	78	47	62	- 4	0	.8	0	12.8	141	80	65	0	0	0	0	
Houston	72	46	84	41	59	- 4	.1	.8	.1	12.0	122	96	56	0	0	1	0	
Lubbock	57	38	69	30	48	- 4	.1	.1	.1	.9	20	75	50	0	2	3	0	
Midland	64	42	78	29	53	- 3	T	.1	T	1.1	33	76	47	0	1	0	0	
San Angelo	66	45	79	24	56	- 2	0	.2	0	1.1	22	63	34	0	1	0	0	
San Antonio	74	53	83	39	64	2	T	.6	T	.9	13	78	37	0	0	1	0	
Victoria	73	49	85	42	61	- 3	T	.4	T	10.8	121	94	54	0	0	1	0	
Waco	65	44	74	35	54	- 5	T	.6	T	4.4	67	82	49	0	0	1	0	
Wichita Falls	58	36	74	31	47	- 7	.3	0	.3	1.5	24	80	37	0	2	2	0	
UTAH.Blanding	50	28	54	22	39	- 2	.5	.3	.5	1.4	52	82	49	0	5	1	1	
Salt Lake City	53	32	57	27	43	1	.1	.2	.1	1.7	74	87	42	0	4	1	0	
VT.Burlington	48	33	57	28	41	0	.2	.4	.2	7.9	122	80	59	0	3	3	0	
VA.Lynchburg	58	39	64	29	49	- 1	1.1	.5	.6	14.9	226	90	-	0	2	3	2	
Norfolk	67	47	83	39	57	3	1.4	.6	.7	18.3	232	90	56	0	0	4	1	
Richmond	64	42	72	32	53	- 2	2.4	1.6	1.8	16.8	227	91	59	0	1	2	2	
Roanoke	58	36	67	27	47	- 2	1.4	.8	.8	14.9	201	77	60	0	4	3	2	
WASH.Colville	42	28	50	22	35	- 2	.1	.4	-	2.9	100	-	-	0	0	0	0	
Omak	44	32	51	21	38	1	.1	.3	.1	3.2	168	-	-	0	3	1	0	
Quillayute	57	34	64	26	46	1	.1	.3	.1	17.5	81	87	60	0	3	1	0	
Seattle-Tacoma	53	41	62	34	47	1	T	1.3	T	5.0	63	79	64	0	0	1	0	
Spokane	42	28	52	21	35	- 2	T	.4	T	1.8	60	89	65	0	5	1	0	
Walla Walla	49	37	51	33	43	- 2	T	.4	T	3.0	100	96	70	0	0	1	0	
Yakima	47	33	57	27	40	- 1	.3	.1	.2	1.6	123	93	74	0	4	2	0	
W.VA.Beckley	51	34	57	29	43	- 2	.9	.3	.3	9.3	141	84	62	0	3	3	0	
Charleston	55	37	66	28	46	- 2	.7	.1	.4	9.4	152	86	58	0	1	4	0	
Huntington	53	38	64	32	46	- 2	.8	.2	.6	10.0	175	78	60	0	1	4	1	
Parkersburg	53	38	64	31	46	- 2	.7	.1	.2	8.4	150	78	60	0	1	3	1	
WISC.Green Bay	35	22	47	7	28	- 9	.5	.1	.2	4.0	69	88	65	0	6	4	0	
La Crosse	35	24	45	10	30	- 9	1.0	.6	.8	5.7	98	93	72	0	6	2	1	
Madison	37	22	52	9	29	- 9	.5	0	.2	3.6	60	75	53	0	6	3	0	
Milwaukee	42	28	56	19	35	- 5	.4	.1	.2	2.2	40	89	55	0	5	4	0	
WYO.Casper	43	19	51	16	31	- 6	.1	.1	.1	.8	40	88	39	0	7	2	0	
Cheyenne	40	22	52	14	31	- 6	.2	0	.1	1.1	52	74	50	0	7	2	0	
Lander	43	20	50	17	32	- 2	.1	.1	.1	1.5	19	83	43	0	7	1	0	
Sheridan	39	23	47	18	31	- 5	.2	0	.1	3.0	120	92	60	0	7	4	0	
P.R.San Juan	88	75	92	75	82	3	2.7	1.4	1.4	12.7	95	93	64	0	0	7	3	

Based on preliminary reports and 1941-70 normals

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 ESCS State offices in cooperation with the National Weather Service.

ALABAMA: Temperatures averaged near normal. Rains statewide on 9th; additional rains most locations on 10th. Totals 1.00 to 3.00 in. Fieldwork: 4.8 days suitable. Soil moisture mostly surplus north to short southeast. Crop harvest, seeding fall crops, care of livestock and poultry main activities. Corn 94% harvested, 95% 1978, 85% average. Soybeans 95% mature; 75% harvested, 82% 1978, 64% average. Cotton 88% bolls open; 57% harvested, 90% 1978, 59% average. Harvest a month behind 1978. Wheat 74% seeded, 67% 1978, 80% average. Sorghum 84% harvested, 81% 1978. Pecans 20% harvested. Condition of soybeans good to excellent; cotton mostly good; wheat and pastures fair to good; pecans poor to fair.

ARIZONA: Winter storm 8th and 9th produced precipitation over most sections except extreme west; amounts ranged from 0.50 to 2.00 in. Average temperatures varied from normal to 5° below normal. Cotton harvest making excellent progress. Sorghum harvest continued. Some areas waiting for good frost prior harvesting. Planting small grains continued. Spring sugarbeets making good growth. Alfalfa haying slowing. Lettuce harvest normal. Planting lettuce and other mixed vegetables active. Lemon harvest continued. Limited grapefruit harvest continued. Navel orange harvest begun. Diesel, gasoline, LP gas appear mostly adequate. Higher ranges fair to good condition. Prospects winter forage not good. Cattle, good condition. Water hauling, supplemental feeding many areas.

ARKANSAS: Cool, wet. Extremes: 20 and 72°. Most rainfall 2.95 in.; least 0.26 in. Rains delayed cotton, soybean harvests, final cuttings sorghum, rice. Fieldwork: 4.4 days suitable. Moisture adequate. Diesel 76% adequate, 22% tight. Gasoline 86% adequate, 10% tight. LP gas 98% adequate. Soybean harvest increasing; combining 76% complete, 83% 1978, 64% average. Rail car shortages reported. Unopened cotton bolls. Fields picked once, second pickings underway. Harvesting 71% complete, 89% 1978, 71% average. Rice combining 98% complete, 100% 1978, 99% average. Corn harvest 90% complete, 96% 1978, 98% average. Sorghum harvest slowed; 98% combined, 99% 1978, 96% average. Rain delayed seeding small grains but helped stands. Early seeded fields furnishing grazing. Wheat 84% seeded, 81% 1978, 72% average. Seed shortages reported. Oats 82% seeded, 78% 1978, 70% average. Cattle good. Supplemental feeding.

CALIFORNIA: Most of rain fell near coast and coastal valleys.

Cotton harvest 76% complete, 35% last year. Cotton stalk shredding, discing, plowing underway. Rice harvest continued active with 92% in, 95% last year. Small grains planted as weather permitted, 22% winter wheat planted. Planting, thinning next year's sugarbeets started, digging 1978 crop sugarbeets active. Sorghum harvest nearing completion. Seasonal orchard cultural activity increasing; pruning, fertilizing, cover crop planting, staking, irrigating. Table grape harvest nearing completion Fresno. Grapefruit harvest slow Riverside. Lemon quality variable south, good desert valley. Navel harvest light volume; maturity, quality, color good. Walnut harvest nearly

complete. Broccoli movement heavy central coast. Cantaloup harvest slowing desert. Carrot supplies moderate Salinas, Kern districts. Cauliflower harvest increased central coast, San Joaquin Valley, south coast. Celery harvest peak central coast, starting south coast. Lettuce harvest increasing desert, past peak San Joaquin Valley; some acreage reported disced San Joaquin Valley due low market. Rains disrupted onion, potato harvest Tulelake-Butte Valley. Market tomatoes decreasing seasonally. Range grasses making excellent progress. Adequate soil moisture, warm temperatures. Supplemental feeding necessary most areas. Calving complete few areas. Movement bee hives San Joaquin for overwintering continued. Farm fuels generally adequate.

COLORADO: Pacific system moved through 7th and 8th with rain or snow at lower elevations in west and snow, mostly light, over mountains. Light to moderate snow mainly east late week. Precipitation near 0.25 in. west and less than 0.10 in. elsewhere. Cold temperatures beginning and end of week averaged 2 to 8° below normal. Corn grain harvest 74%, 90% 1978, 86% average. Fall potato harvest 100%, 100% 1978, 100% average. Sorghum grain harvest 54%, 92% 1978, 83% average. Sugarbeet harvest 95%, 97% 1978, 96% average. Winter wheat crop in very good condition. Fieldwork: 4 days suitable. Livestock in good condition. Fuel supply adequate.

FLORIDA: Dry, breezy, sunny week of fine, normal fall weather. Rains of 2.50 in. or more during weekend in portions of Panhandle and north. Rainfall of around 0.50 in. or less scattered over Peninsula. Temperatures much warmer than normal in central and south areas.

Soil moisture short Panhandle, northwest Peninsula; however, weekend rains, portions of Panhandle, north very beneficial. Moisture supplies mostly adequate elsewhere. Harvest active soybeans, sugarcane, cotton. Soybean harvest nearing completion Panhandle. Peanut, corn harvests complete. Seeding small grains slow in dry areas. Pecan harvest underway. Pasture condition declined to poor to fair due to seasonally drier, cooler weather; cattle condition fair to good. Citrus tree condition excellent following rains. Color break good on all varieties except Valencias. Harvest increasing seasonally for fresh and processing citrus. Warm days, mild nights prevailed in vegetable growing areas. Daytime temperatures in 80's, nighttime lows in 60's and 70's. Winds light to moderate. Rainfall limited to scattered showers. General vegetable crop condition fair to mostly very good. Harvest very active most crops. Over-all shipments up 38% from previous week. Shipments mini-carrots, sweet corn, escarole, lettuce, parsley, peppers up considerably. Snap beans, tomatoes, cucumbers increased. Supplies eggplant, okra, radishes, squash held steady. Light harvest of cabbage, chinese cabbage getting underway. Celery harvest just beginning. Volume most crops should increase as season progresses. Cooler temperatures slowed plant growth but improved fruit set. Plantings continue active some crops. Irrigation, spraying active. Strawberry transplanting nearing completion.

GEORGIA: Temperatures below normal ranging 4° below normal northwest to 1° above normal near coast. Mean temperatures near 50° north to low 60's extreme southeast. Rainfall light extreme north, slightly heavier amounts central. Amounts 0.50 in. southeast.

Soil moisture short to adequate. Fieldwork: 5 days suitable. Corn fair to good; 95% harvested, 96% last year, 88% average. Soybeans good; 53% harvested, 74% last year, 54% average. Cotton fair to good; 99% open; 76% harvested, 89% last year, 66% average. Peanut harvest complete. Pecans fair to good; 33% harvested, 40% last year, 39% average. Apples 100% harvested. Wheat 51% planted, 44% last year. Rye 71% planted, 47% last year. Other small grains 64% planted, 50% last year, 68% average. Pastures fair to good. Cattle and hogs good. LP gas 97% adequate. Diesel fuel 94% adequate, 5% tight.

HAWAII: Favorable weather for crop growth continued. Cooler nighttime temperatures. Mostly dry in major growing areas. Light, beneficial showers in some windward areas and higher elevations.

Spraying active for insect and disease control. Irrigation necessary. Insect infestation expected to keep snap bean production light. Cooler nighttime temperatures will help. Cucumber supplies increasing. Lettuce production light. Tomato supplies increasing. Banana orchard conditions generally fair to good; supplies light. Papaya supplies: Moderate, seasonal flush; active harvest Island Hawaii. Pineapple harvesting seasonally light. Sugar harvesting steady. Pastures mostly good. Fuel supplies adequate.

IDAHO: Temperatures slightly above normal. Precipitation general but below normal. Snow above 5,000 feet.

Sugarbeet harvest continued to make good progress. Open fields have been ideal for livestock gleaned feed from harvested fields.

ILLINOIS: Temperatures 6 to 10° below normal. Precipitation 0.10 to 0.50 in. northern 2/3, extreme south 2.50 in.

Soil moisture short to adequate. Corn 85% harvested, 92% 1978, 83% average. Grain sorghum 95% harvested. Winter wheat 90% emerged; condition good. Plowing 1980 corn, soybean acreage 50% complete, 60% 1978, 43% average. Pastures mostly fair. Fieldwork: 6.0 days suitable.

INDIANA: Cool, wet, cloudy. Temperatures ranged from 18 to 68°. Daily highs much below normal. Rainfall on 3 days. Totals from 0.50 in. north, 0.70 central, 1.20 south, to 2.10 southwest along Ohio River. Sunshine only 35% of possible.

Soil temperatures in high 40's. Fieldwork averaged 5 days. Topsoil moisture mostly adequate to surplus. Subsoil moisture adequate. Corn 75% harvested, 1978 85%, average 75%. Soybeans 95% combined, 1978 95%, average 95%. Wheat 95% seeded, 1978 95%, average 95%; 85% emerged, 1978 85%, average 85%; stands good. Spring cropland 35% plowed, 1978 40%, average 30%. Tobacco 20% stripped, 1978 20%.

IOWA: Cold, cloudy. Precipitation light to moderate east and west; moderate to heavy south central to north central.

Fieldwork: 4.6 days favorable. Corn harvested 68%, 1978 95%, normal 87%. Soybean acreage harvested 100%, 1978 100%, normal 97%. Fall plowing 31%, 1978 42%, normal 39%. Topsoil moisture adequate to surplus. Subsoil moisture adequate. Livestock good condition. Livestock market move-

ment normal, herd replacement improved. Pasture condition slight decline; fair to good.

KANSAS: Rainfall averaged 0.50 to 1.50 in. during week. Some snow across west. Temperatures cool averaging 5 to 10° below normal.

Wet weather delayed fall fieldwork: 3.0 days suitable. Corn harvest 90% complete, 98% last year, 85% average. Sorghum harvest 85% complete, 93% last year, 75% average. Soybeans 92% cut, 93% last year, 75% average. Wheat seeding 94% complete, 100% last year, 98% average. Fuel situation stable.

KENTUCKY: Cool, wet. First few days dry, followed by rain on 8th and 9th. Precipitation between 1.00 and 2.00 in. Temperatures 3° colder than normal.

Harvest continued to make good progress. Fieldwork: 4.4 days suitable. Corn harvest 85%, 90% last year, 84% average. Stalk rot resulted in high losses in some fields. Soybean harvest 85% complete, 92% last year, 78% average. Dry weather needed to complete harvest of low lands. Fall wheat 81% seeded and off to good start. Winter feed supplies adequate.

LOUISIANA: Temperatures normal to 4° below normal. Extremes: 91 and 30°. Showers late week.

Soybeans 92% harvested, 95% last year, 86% average. Cotton 78% harvested, 94% last year, 79% average. Sugarcane 44% harvested, 44% last year, 39% average. Sweetpotatoes 94% dug, 95% last year and average. Oats and wheat 90% seeded, 89% last year, 86% average. Pecans 47% harvested, 35% last year. Pastures fair. Cattle good.

MARYLAND & DELAWARE: Temperatures averaged 3° below normal. Highs in upper 50's; lows in upper 30's. Precipitation averaged 0.25 to 0.50 in., except Eastern Shore averaged 1.50 in.

Fieldwork: 5.1 days suitable. Soil moisture supplies adequate. Fuel supplies adequate. Corn for grain 90% harvested, slightly behind normal, about a week behind last year. Soybean harvest 60% complete, 75% last year, 66% normal. Apple harvest complete.

MICHIGAN: Temperatures averaged 4 to 12° below normal. Precipitation averaged near normal.

Fieldwork: 4 days suitable. Soil moisture supplies adequate. Pasture feed supplies average. Corn 55% harvested, 79% last year, 72% normal. Soybeans 90% harvested, 92% last season, 89% normal. Sugarbeets virtually complete, 95% last year, 92% normal. Acreage for spring planted crops 30% plowed.

MINNESOTA: Temperatures averaged 10° below normal. Average temperatures ranged from 20° - north to 25° south. Sub-zero temperatures recorded as far south as central. Extremes: 52 and -4°. Precipitation averaged 0.10 to 0.20 in. below normal, except south central and southeast with more than 0.25 in. above normal, locally more than 1.00 in. above normal southeast. Precipitation totals ranged from none to 1.33 in. Snowfall ranged from traces southwest and west central to generally 2 to 3 in. elsewhere. Snow on ground at weekend generally 1 in. or less except locally around 2 in. parts of north and central.

Farmers made fair progress picking corn. Wet, snowcovered fields made harvest slow, difficult. In many southern areas harvest limited to mornings when ground frozen and to drier fields. Harvested: Corn 45%, 1978 98%, normal 97%; soybeans 93%, 1978 99%, normal 99%; sunflowers 80%, 1978 99%, normal 98%.

MISSISSIPPI: Temperature 5° below normal. Rainfall in most areas. Extremes: 27 and 82°.

Soil moisture mostly adequate. Fieldwork: 5.0 days suitable. Harvesting late for cotton; other crops about average. Dry weather needed for 2 to 3 more weeks to wrap up fall harvest. Rainfall helped pasture and winter wheat. Bean storage about to become a problem. Soybeans 72% harvested, 88% 1978, 70% average. Cotton 63% harvested, 95% 1978, 74% average. Corn 94% harvested, 96% 1978, 90% average. Sweetpotatoes 95% harvested, 98% 1978. Pecans 34% harvested, 45% 1978, 44% average. Winter wheat 79% planted, 70% 1978, 80% average; condition good to fair. Pasture and livestock conditions fair to good. Diesel and gasoline supplies adequate to tight. LP gas supplies adequate.

MISSOURI: Temperatures 4 to 8° below normal statewide, except near normal Bootheel. Precipitation general, ranging from less than 0.50 in. north to 2.00 in. south.

Fieldwork: 3.7 days suitable. Corn 79% harvested, last year 83%, normal 75%. Soybeans 93% harvested, last year 91%, normal 76%. Grain sorghum 86% harvested, last year 86%, normal 79%. Cotton 90% harvested, last year 92%, normal 75%. Winter wheat 88% seeded, last 89%. Plowing for spring planted crops 44%, last year 47%. Pastures mostly fair. Soil moisture supplies mostly short to adequate. Fuel supplies for farmwork tight to adequate.

MONTANA: Generally cold, dry. Temperatures over northeast and southeast 8° below normal through central; southwest temperatures 3° below normal. Elsewhere temperatures averaged 5° below normal. West of Divide temperatures 1° above normal. Precipitation light except for extreme south where some moderate to heavy amounts noted as storms over Wyoming and Colorado touched this area.

Soil moisture short. Winter wheat condition fair. Wind damage to winter wheat light. Stock water supplies adequate. Winter ranges in fair condition. About 25% of sheep and cattle receiving supplemental feed.

NEBRASKA: Rain and snow general. Rain 0.10 in. Panhandle, 0.50 in. elsewhere. Snowfall 5th 4 to 9 in. north central and northeast. Temperatures 5° below normal Panhandle; 10° below normal elsewhere.

Corn harvest 65% complete, 95% year ago, 80% normal. Sorghum grain harvest 85% complete, year ago near 100%, normal 90%. Winter wheat condition fair to good. Diesel fuel 95% adequate, 5% tight. Gasoline and LP gas adequate. Fieldwork: 3.9 days suitable.

NEVADA: Mostly fair with normal seasonal temperatures. Light to moderate precipitation early and late in period. Over foot of snow fell Sierras. Average temperatures ranged from 4° above normal north to 3° below normal south. Extremes: 74 and 10°.

Snow and showers beneficial to fall seeded crops. Cotton harvest off to slow start.

NEW ENGLAND: Fair weather, normal temperatures first of week. Warm front 9th brought unseasonably warm temperatures. Cold front 10th brought rain and normal temperatures by weekend. Rainfall 1.50 in. south to less than 0.25 in. north. Extremes: 68 and 16°.

NEW JERSEY: Temperatures 1 to 2° below normal averaging 43° north, 47° south, 49° coastal. Extremes: 25 and 69°. Precipitation slightly below normal averaging 0.62 in. north, 0.31 in. south, 0.50 in. coastal.

Harvest limited volume late hardy vegetables continued. Wet weather halting harvest of field corn, soybeans. Apples, potatoes, sweetpotatoes moving from storage. Cider making active. Fall seeded grain and cover crops growing well.

NEW MEXICO: Snow over most mountains and northeast. Precipitation fell as rain at lower elevations of northwest and south. Mean temperatures below normal over north and near normal south.

Moderate killing freeze in all areas. Soil moisture supply adequate. Cotton 20% harvested. Grain sorghum 80% harvested. Corn and red chile harvests full swing. Pecan harvest began. Ranges good condition. Livestock good, ending fall deliveries.

NEW YORK: Near-normal average temperatures mainly in 40's. Near to slightly above normal rainfall west with 0.75 to 1.75 in.; below normal precipitation 0.75 in. or less elsewhere.

NORTH CAROLINA: Temperatures averaged near normal. Precipitation much above normal.

Fieldwork: 5.1 days suitable. Soil moisture adequate. Condition of wheat, oats, barley, rye and pasture fair to mostly good. Harvested: Corn for grain 94%, 1978 100%, average 90%; cotton 62%, 1978 77%, average 63%; soybeans 43%, 1978 50%, average 34%; sorghum grain 85%, 1978 91%, average 82%. Planted: Wheat 75%, 1978 73%; oats 87%, 1978 81%; barley 85%, 1978 82%; rye 77%, 1978 83%. Phenological stages: Soybeans leaf drop 87%.

NORTH DAKOTA: Total of 1 to 3 in. new snow north central and east with 1 in. or less other sections on 8th to 9th, but moisture 0.25 to 0.75 in. below normal. Average temperatures 5 to 11° below normal. Extremes: 44 to -5°.

Sunflower and corn harvests delayed by wet weather. Progress continued but at a slow pace with harvest operations during evening hours to take advantage of frozen ground. Sunflower harvest 79% complete; almost 3 weeks behind last year's pace. Topsoil moisture in eastern third slightly improved but still dry in west. Overall topsoil and subsoil moisture short. Winter wheat and rye in mostly fair condition. Livestock receiving supplemental feed with grazing season coming to end.

OHIO: Damp. Temperatures slightly below normal; 64° south to 18° northwest. Rains averaged 0.80 in.; slightly above normal. Almost 0.50 in. greater than usual in band from southwest corner to northeast corner. Soil temperatures averaged 5° below previous week.

Combining corn major activity. Wet soils and lodged stalks continue to slow corn harvest. Soybean harvest nearly complete. Wheat planting virtually complete; 67% emerged and in fair to good condition. Livestock in good condition; some new crop lambs. Corn harvested 70%, 85% 1978, 75% average. Soybeans harvested 95%, 99% 1978, 95% average. Wheat planted 99%, 100% 1978, 100% average. Fall plowing 40%, 45% 1978, 35% average. Tobacco stripped 20%, 30% 1978, 25% average. Fieldwork: 5 days favorable. Pasture condition excellent. Soil moisture adequate to surplus.

OKLAHOMA: Temperature averages varied from 6 to 13° below normal. Precipitation averages varied from 0.10 in. southwest to 1.26 in. northeast. Precipitation fell during middle and latter part of week.

Precipitation slowed harvest but improved small grain prospects. Wheat planting delayed but condition improved. Wheat planted 95%.

100% 1978 and average. Wheat up to stand 65%, 90% 1978 and average. Sorghum harvest 75%, 60% 1978, 70% average. Cotton harvest 25%, 15% 1978 and average. Fieldwork: 4.2 days suitable.

OREGON: Precipitation varied from a little over 0.30 in. southwest interior to over 2.75 in. along coast. East of Cascades, precipitation ranged from 0.10 to 0.20 in. most places, but in southern areas amounts reported varied from 0.50 in. to nearly 1.00 in. Temperatures near seasonal normal.

Soil moisture supply mostly adequate. Winter wheat 94% seeded; condition of crop good. Potato harvest virtually complete. Most farm work consisted of post harvest activities and regular chores. Livestock condition good. Range and pasture conditions are better with recent rains and good fall weather. Feed supplies adequate.

PENNSYLVANIA: Mild, but cloudy, damp. Near seasonal temperatures with little daily variation. Highs mostly in 50's, lows 30's and 40's. Extremes: 63 and 22°. Light showers somewhere every day but rainfall less than 0.05 in. except northwest and southeast where 0.75 to 1.00 in.

Fieldwork: 5 days suitable. Soil moisture mostly surplus to adequate. Activities: Harvest of corn, soybeans, hay and silo filling; spreading lime and manure. Corn 56% harvested, last year 73%, normal 75%. Soybeans 55% harvested. Hay quality mostly poor. Feed from pastures mostly average.

PUERTO RICO: Island average rainfall 2.13 in. or 0.52 in. above normal. Temperatures averaged about 81° on coasts and 75° interior. Extremes: 94 and 60°.

SOUTH CAROLINA: Temperatures below normal first, much above near end of week. Practically rainless until cold front produced general rains 11th.

Soil moisture adequate. Fieldwork: 5.3 days available. Corn harvest complete. Cotton 79% picked, 93% year ago, 79% average. Soybeans maturity behind normal, condition good; 99% leaves turning and 94% shedding leaves; 79% mature, 90% last year, 88% average; 29% harvested, 55% year ago, 38% average. Sweet-potatoes 97% harvested. Fair fall cucumbers 94% harvested; fair to good snap beans, 96% harvested. Peanuts 91% harvested. Small grain planting and emergence ahead of last year. Wheat 52% planted, 45% last year and average; good condition. Livestock condition good. Pastures fair to good.

SOUTH DAKOTA: Average temperatures 5 to 16° sub-normal and below freezing. Extremes: 55 and 2°. Light precipitation in the form of snow throughout.

Fieldwork: 4 days suitable. Row crop harvest resumed. Wet fields, high moisture content and snowdrifts continued to delay harvest. Corn for grain harvest 2 weeks behind average; grain sorghum one week; sunflowers one week behind last year. Main agricultural activities: Hauling hay, working livestock, row crop harvest. Topsoil moisture supplies short northwest, north central, parts of southwest; surplus southeast; adequate elsewhere. Grain storage and transportation problems continued. Dryer facilities in short supply, heavy in demand. Farm fuel supplies mostly adequate. Winter wheat and rye improved and rated fair. Corn for grain 67% harvested, 1978 93%, average 87%. Sunflowers 87% harvested, 1978 100%. Grain sorghum 86% harvested, 1978 100%, average 92%.

TENNESSEE: Mild early week. Rain late week. Amounts 0.50 to 1.00 in. west, 2.00 to 3.00 in. east. Temperatures 2° above normal.

Soil moisture adequate. Fieldwork: 3.9 days suitable. Corn harvested 84%, 1978 91%, average 76%. Cotton harvested 56%, 1978 94%, average 68%. Soybeans harvested 74%, 1978 92%, average 68%. Burley tobacco stripped 63%, 1978 43%, average 62%. Fall plowing completed 86%, 1978 87%, average 85%. Wheat seeded 83%, 1978 83%, average 80%. Pastures mostly fair. Livestock good condition. Fuel supplies adequate.

TEXAS: Two cold fronts brought misty, cloudy conditions to Panhandle, North Central, East Texas; elsewhere clear to partly cloudy. Temperatures Panhandle, North Texas 8° below normal; Coast 5° below normal; other areas slightly below normal. Precipitation below normal Coast to slightly above normal West.

Cotton harvest hampered in Plains by moist conditions. Portions of Low Plains, Cross Timbers, Trans Pecos would welcome hard freeze to complete defoliation. Harvest nearing completion Blacklands, East Texas, Edwards Plateau. Less than 20% of Plains crop harvested by weekend. Previous week heavy rains caused lodging Panhandle sorghum fields remaining for harvest. Harvest slowed by high humidity. Peanut harvest winding down throughout; Cross Timbers producers finished while a few Panhandle fields remain. Soybean harvest ranged from 67% complete East Texas to complete Northern High Plains. Coastal crop 75% harvested by weekend. Guar harvest peaked Low Plains, Cross Timbers. Second rice cutting nearing completion. Small grain prospects vary widely. Prospects good Panhandle. Recent moisture also aided East and Central Texas producers. Portions Cross Timbers, southern Low Plains, virtually entire Edwards Plateau and South Texas experiencing very dry conditions. In these areas many dryland fields that emerged have yet to establish good root growth. Some dryland wheat fields planted six weeks ago still awaiting moisture for germination.

In Lower Rio Grande Valley ideal growing conditions helped cabbage, lettuce, onion growth. Harvest bell peppers continued good volume. With low humidity, little or no leaf disease among fall vegetables. Early citrus harvest continued to gain momentum. Reduced supply making for strong market. In Coastal Bend harvest cucumbers continued with light volume. In San Antonio-Winter Garden harvest cabbage, squash, beans, cucumbers active with good quality. Onions, carrots continue to grow well. Spinach making good growth. In East Texas harvest sweetpotatoes over except for few fields. Leafy vegetables being harvested. At El Paso harvest red and green chile peppers and lettuce active. Harvest pinto beans beginning. Pecos carrot harvest getting underway. On High Plains most vegetable production ended by freezing weather, however, light volume carrots available. Pecan harvest continued to increase. Although crop is large, quality varied. Cooler temperatures and wind caused droppage to increase. Cotton open bolls 92%; harvested 40%, 36% 1978, 40% average. Sorghum harvested 94%, 92% 1978, 90% average. Wheat planted 93%, 97% 1978, 93% average; emerged 67%. Peanuts harvested 99%, 89% 1978, 84% average. Soybeans harvested 82%, 76% 1978, 73% average. Sugarbeets harvested 62%, 60% 1978, 60% average. Pecans harvested 23%, 26% 1978, 25% average. Sunflowers harvested 99%, 90% 1978, 88% average. Barley planted 79%, 20% 1978. Flax planted 19%, 49% 1978, 21% average. Oats planted 87%, 96% 1978, 91% average.

Deteriorating ranges, pastures received temporary relief with moisture falling portions North and

East Texas and scattered areas High Plains. Supplemental feeding continued to increase. Little grazing available from small grains except irrigated fields and scattered areas that received moisture.

UTAH: Widely scattered areas of rain or snow; amounts generally light to moderate. Average temperatures below normal with averages ranging from 1° above to 6° below.

Harvests virtually complete. Potato growers preparing ground for next year. Breeding of range sheep for spring lambing.

VIRGINIA: Cool first then warming, cool again on 11th. Temperatures averaged near normal. Low temperatures dipped below freezing at most locations. Extremes: 18° to low 80's. Rainfall widespread, heavy, occurring 9th thru 11th, averaging about 1.25 in.

Topsoil moisture mostly adequate to slightly surplus. Fieldwork: 5.0 days available. Corn for grain 82% combined, 91% 1978, 83% usual. Soybeans 52% combined, 76% 1978, 52% average; Tidewater southeast soybeans 55% combined, 80% 1978. Grain sorghum 50% harvested, 65% 1978. Wheat 65% seeded, 68% 1978, 80% average. Pastures good to excellent. Farm fuel supplies mostly adequate. Flue-cured tobacco markets closed Nov. 7; clean-up sale held Nov. 8. Southwest growers continued to market apples and cabbage.

WASHINGTON: West: Temperatures averaged 1° above normal. Precipitation averaged below normal ranging from 1.40 in. coastal, 0.70 in. east Cascade foothills, 0.80 in. Puget Sound area, and 0.50 in. San Juans.

Carrot harvest continued and is progressing nicely. Planting of winter wheat and tulip/daffodil flower bulbs continued. Pruning of raspberries and blueberries active. Most dairy and livestock operation on winter feeding programs.

East: Temperatures averaged 1° below normal except near normal in central basin and Palouse/Blue Mountains area. Precipitation averaged 0.20 in. below normal except near normal in the Okanogan area.

Planting of winter wheat and harvesting of corn being completed. Potato harvest about complete.

Orchard cleanup and rodent control active. Apple trees showing signs of dormancy. Wheat harvested 100%, 1978 100%.

WEST VIRGINIA: Temperatures slightly below normal except slightly above eastern Panhandle. Extremes: 18 and 66°. Precipitation near normal ranging 0.20 to 0.82 in.

Fieldwork: 4.7 days suitable. Soil moisture mostly adequate to surplus. Pasture condition mostly fair to good. Hay supply adequate to surplus. Fuel supplies tight to adequate.

WISCONSIN: Week began mild but turned sharply colder 6th as cold Canadian air invaded. Several weak low pressure systems moved across during latter part of week depositing light snow across north central and south. Temperatures ranged from 40's to 50's on 5th to upper 20's and mid-30's during latter part of week. Low teens in northeast and 0° in northwest on 9th.

Fieldwork: 5 days suitable. Corn harvest slowed by high moisture content and some wet fields. Corn for grain 45% harvested, 1978 80%, normal 80%. Farmers continuing to harvest corn despite high moisture content as season becoming late. Harvest on soft fields will wait until ground freezes hard enough to support equipment. Wet corn waiting to be dried at elevators and on farms. Soybeans 70% combined, 1978 90%, normal 90%. Fall plowing 37% done, 1978 45%, normal 48%. Slow progress on corn harvest delaying plowing of corn ground. Wet fields and high moisture also slowing sunflower harvest. Some apples to be picked yet in northern and eastern orchards. Wood being cut for winter fuel on many farms. Soil moisture supplies mostly adequate to surplus.

WYOMING: Temperatures up to 10° below normal. Highs mostly in 40's and 50's, with 58° warmest. Lows mostly in teens and 20's, lowest reading 7°. Precipitation below normal.

Producers moving livestock to winter pasture. Some livestock being marketed. Sugarbeet harvest windup stages. Winter wheat fair to good condition, additional moisture needed.

**HARVESTING PROGRESS
FOR WEEK ENDING NOV 11, 1979**

SOYBEANS			
	1979	1978	AVG.
ALA	75	82	64
ARK	76	83	64
GA	53	74	54
ILL	100	100	97
IND	95	95	95
IOWA	100	100	97
KANS	92	93	75
KY	85	92	78
LA	92	95	86
MICH	90	92	89
MINN	93	99	99
MISS	72	88	70
MO	93	91	76
NEBR	100	100	95
N C	43	50	34
OHIO	95	99	95
S C	29	55	38
TENN	74	92	58
18 STATES	87	92	82

THESE 18 STATES PRODUCED 95% OF THE 1978 SOYBEAN CROP.

CORN			
	1979	1978	AVG.
COLO	74	90	86
GA	95	96	88
ILL	85	92	83
IND	75	85	75
IOWA	68	95	87
KANS	90	98	85
KY	85	90	84
MICH	55	79	72
MINN	45	98	97
MO	79	83	75
NEBR	65	95	80
N C	94	100	90
OHIO	70	85	75
PA	56	73	75
S DAK	67	93	87
VA	82	91	83
WIS	45	80	80
17 STATES	70	91	83

THESE 17 STATES PRODUCED 93% OF THE 1978 CORN CROP.

COTTON			
	1979	1978	AVG.
ALA	57	90	59
ARIZ	65	52	63
ARK	71	89	71
CALIF	76	35	NA
GA	76	89	66
LA	81	94	79
MISS	63	95	74
MO	90	92	75
N MEX	20	14	45
N C	62	77	63
OKLA	25	15	15
S C	79	92	78
TENN	56	94	68
TEX	40	36	40
14 STATES	52	49	49

THESE 14 STATES PRODUCED 99% OF THE 1978 COTTON CROP.

GRAIN SORGHUM			
	1979	1978	AVG.
COLD	54	92	83
KANS	85	93	75
MO	86	86	79
NEBR	85	100	90
OKLA	75	60	70
S DAK	86	100	92
TEX	94	92	90
7 STATES	87	92	84

THESE 7 STATES PRODUCED 92% OF THE 1978 GRAIN SORGHUM CROP.

**PLANTING PROGRESS
FOR WEEK ENDING NOV 11, 1979**

WINTER WHEAT			
	1979	1978	AVG.
CALIF	22	NA	NA
COLO	100	100	100
IDAHO	100	NA	NA
ILL	100	100	98
IND	95	95	95
KANS	94	100	98
MO	88	89	NA
MONT	100	100	100
NEBR	100	100	100
OHIO	99	100	100

OKLA	95	100	100
OREG	94	NA	NA
S DAK	100	100	100
TEX	93	97	93
WASH	98	100	NA
15 STATES	95	99	98

THESE 15 STATES PRODUCED 90% OF THE 1979 WINTER WHEAT CROP.
NA NOT AVAILABLE

International Weather and Crop Summary

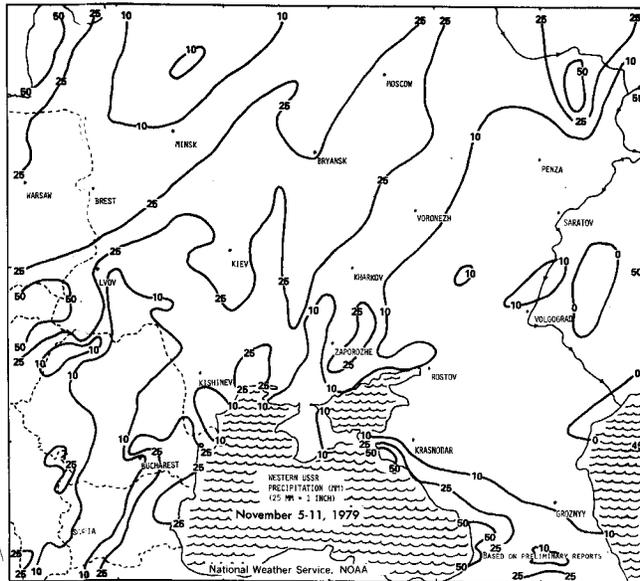
October Summary and week of November 5 - 11

HIGHLIGHTS:

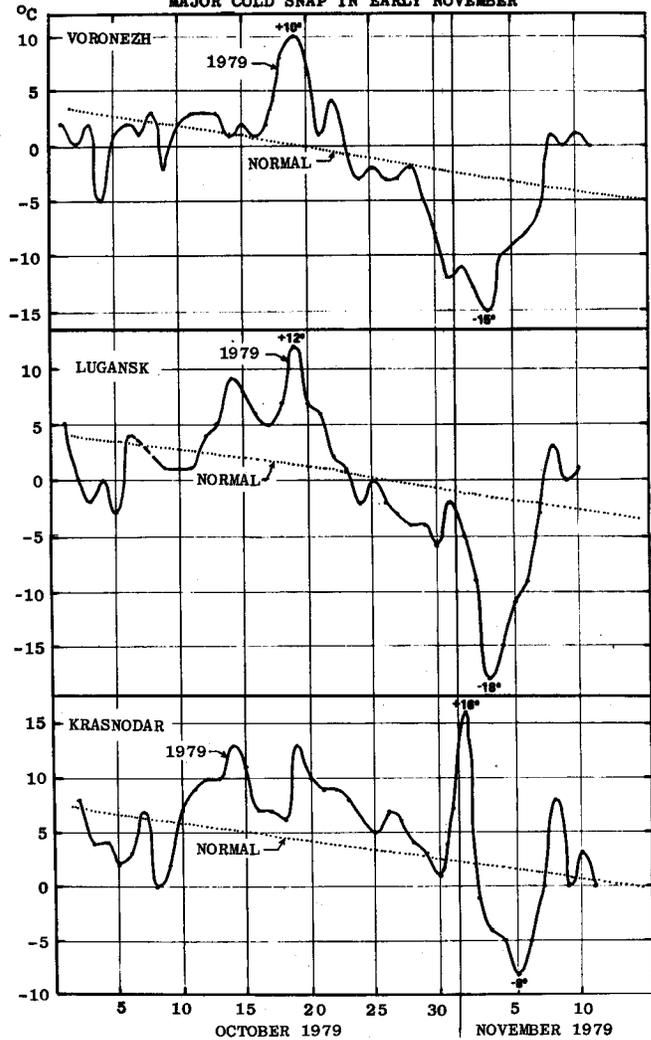
- USSR. Winter grains dormant...warmer conditions.
- EUROPE. Sowing winter grains in the south*...favorable conditions.
- CHINA. Second rice crop near harvest...favorable weather. Winter wheat sown*...some dry areas.
- INDIA. Wheat sowing season*...continued dry weather.
- AUSTRALIA. Harvesting wheat in Queensland...interference by rains.
- SOUTH AFRICA. Planting maize*...dry in some areas.
- ARGENTINA. Corn up to stand*...good soil moisture.
- BRAZIL. Planting soybeans...excellent soil moisture.

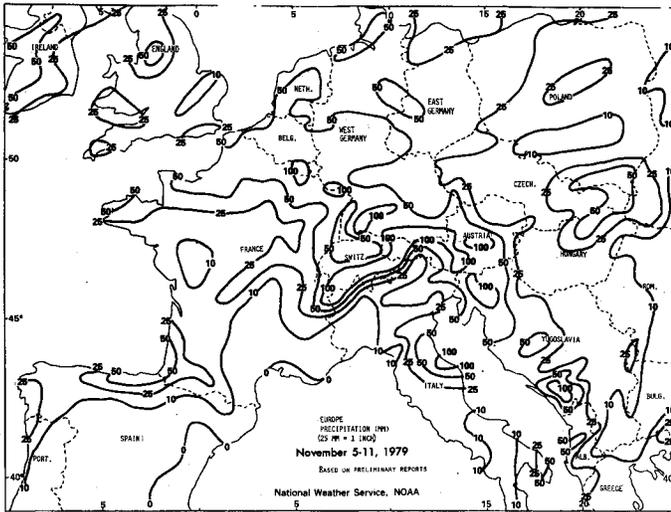
*Based on normal crop calendar information.

USSR. Rainy, warmer weather returned to the winter grain belt erasing the snow that had accumulated last week. Much of the Ukraine received above-normal precipitation, but temperatures in all but the southernmost areas remained too cool for much plant development. Furthermore, dry pockets persisted in southwestern portions. October precipitation totals showed above-normal amounts at some locations in the southwest, but moisture fell mainly during the last 10 days of the month after temperatures had dropped too low for wheat development to occur. Increasing precipitation interfered with the cotton harvest in south central USSR. Warmer and drier than normal conditions in October had favored the harvest, though progress still lagged last year's. Temperatures dropped below freezing over an extensive part of the cotton area the week of November 5 for the first time, a bit later than normal and with no damage to the crop.



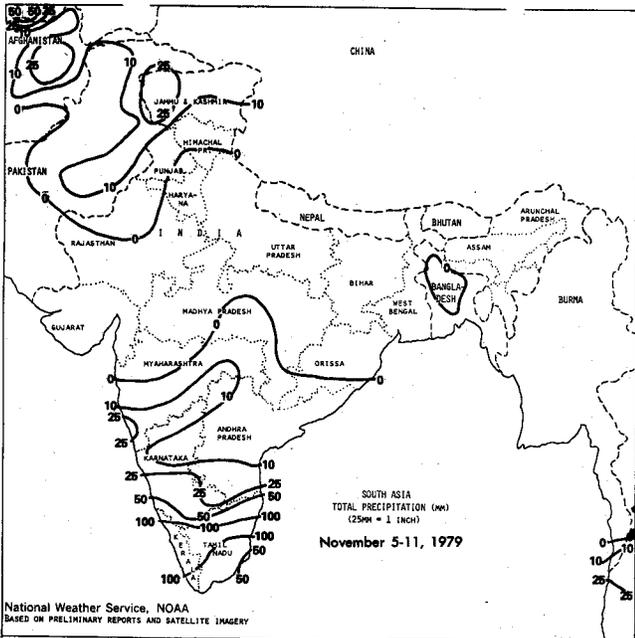
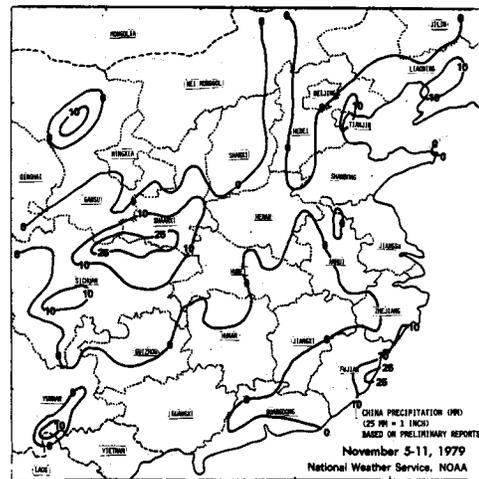
TEMPERATURE MINIMA IN RUSSIAN WINTER GRAIN BELT
MAJOR COLD SNAP IN EARLY NOVEMBER



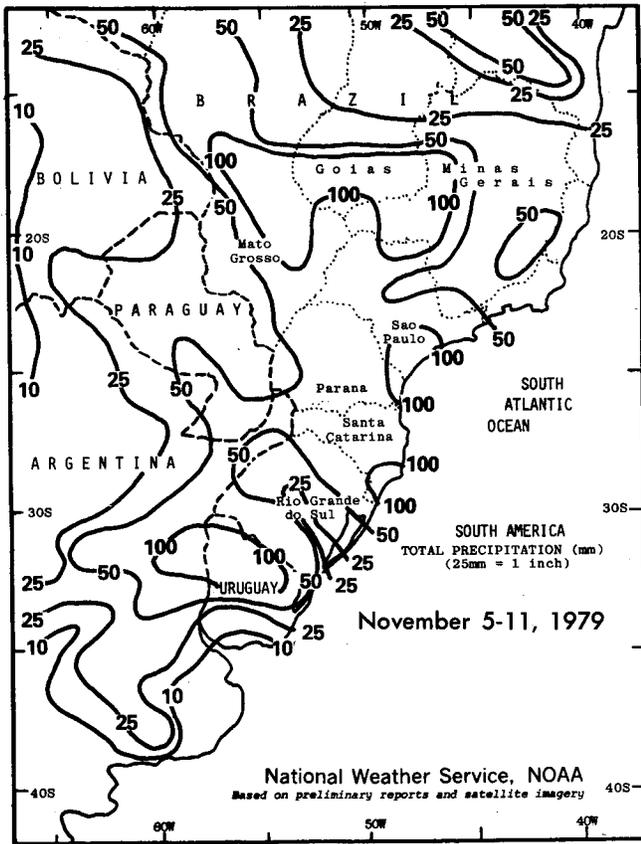


EUROPE. Heavy precipitation fell in the Alps, as the pattern of last week continued, but with increased totals. The northeastern European countries saw increased precipitation amounts in most areas breaking a dry spell that persisted through October. Soil moisture in that area was probably adequate for germination and development of winter grains during October due to abundant September rainfall. Relatively dry weather continued for a second consecutive week in most of the western Mediterranean areas that had received excessive precipitation in October. Conditions should be favorable for winter grain sowing in those areas now.

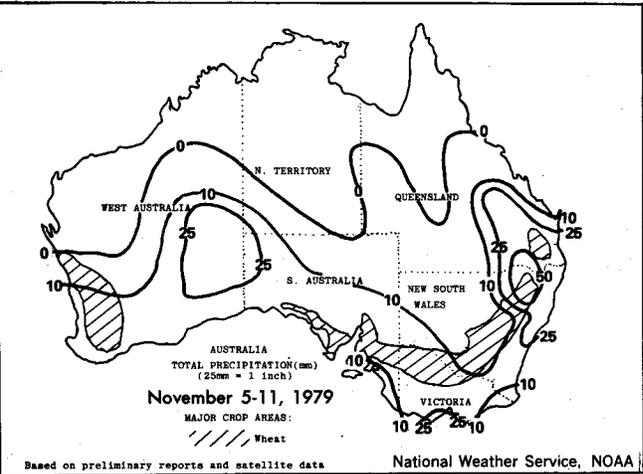
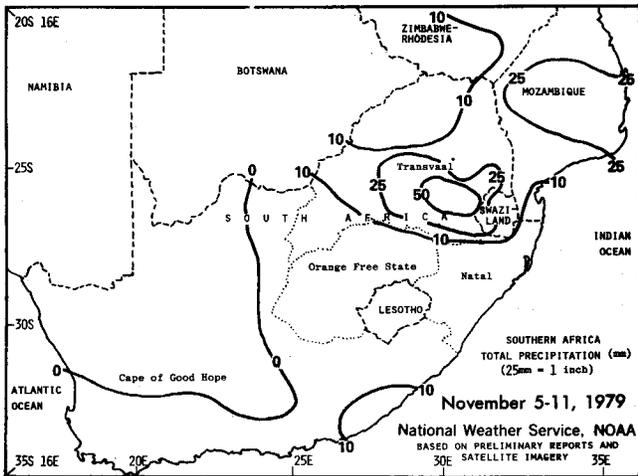
CHINA. Precipitation remained light over most of the North China Plain. Winter wheat moisture needs continued to decrease as temperatures dropped, with the freeze line reaching nearly to the Yellow River by November 10. This dry weather has persisted since September in most winter wheat areas and began during August in some locations. Irrigation water has been sufficient for winter grain fields on the North China Plain, given careful attention by farmers, but dryland crop areas in the hills to the west may have suffered localized water stress. Conditions in southern coastal provinces continued favorable for the late rice harvest which should be getting underway soon.



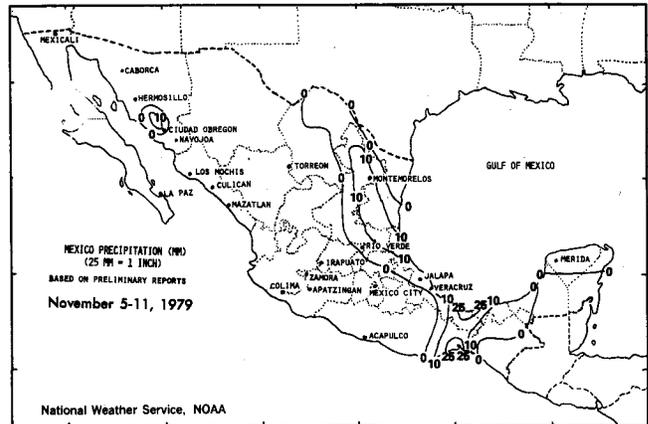
INDIA. The week's precipitation pattern was normal for November, with totals somewhat above normal in the south and below normal in the north. Winter wheat areas in the north normally receive less than 5 mm each week in November, but rainfall activity stayed mainly to the west (in Pakistan). Probably no wheat has germinated yet, for substantial rain has not fallen since August, and irrigation prospects are slim. Crop areas in Tamil Nadu continued with above-normal rainfall this week, and though Andhra Pradesh turned drier in October, water reserves from abundant September rains were sufficient to see the crops through. Above-normal October rainfall in the northeastern part of the country benefited late-harvested crops there.



SOUTH AMERICA. Above-normal rainfall maintained excellent conditions as soybean planting continued in southern Brazil. Subsurface soil moisture was also good, for October rainfall stayed above normal in nearly all areas. However, these abundant rains have caused serious problems for wheat harvesting in Rio Grande do Sul. In Argentina, rainy weather this week in the corn and soybean areas of Santa Fe and Cordoba improved soil moisture conditions after a relatively dry October. Heavier totals in some locations may have been detrimental to the maturing wheat crop in those provinces. Light rain in southern Buenos Aires Province may have benefited late-seeded wheat, which became somewhat dry in the latter stages of heading late in October.

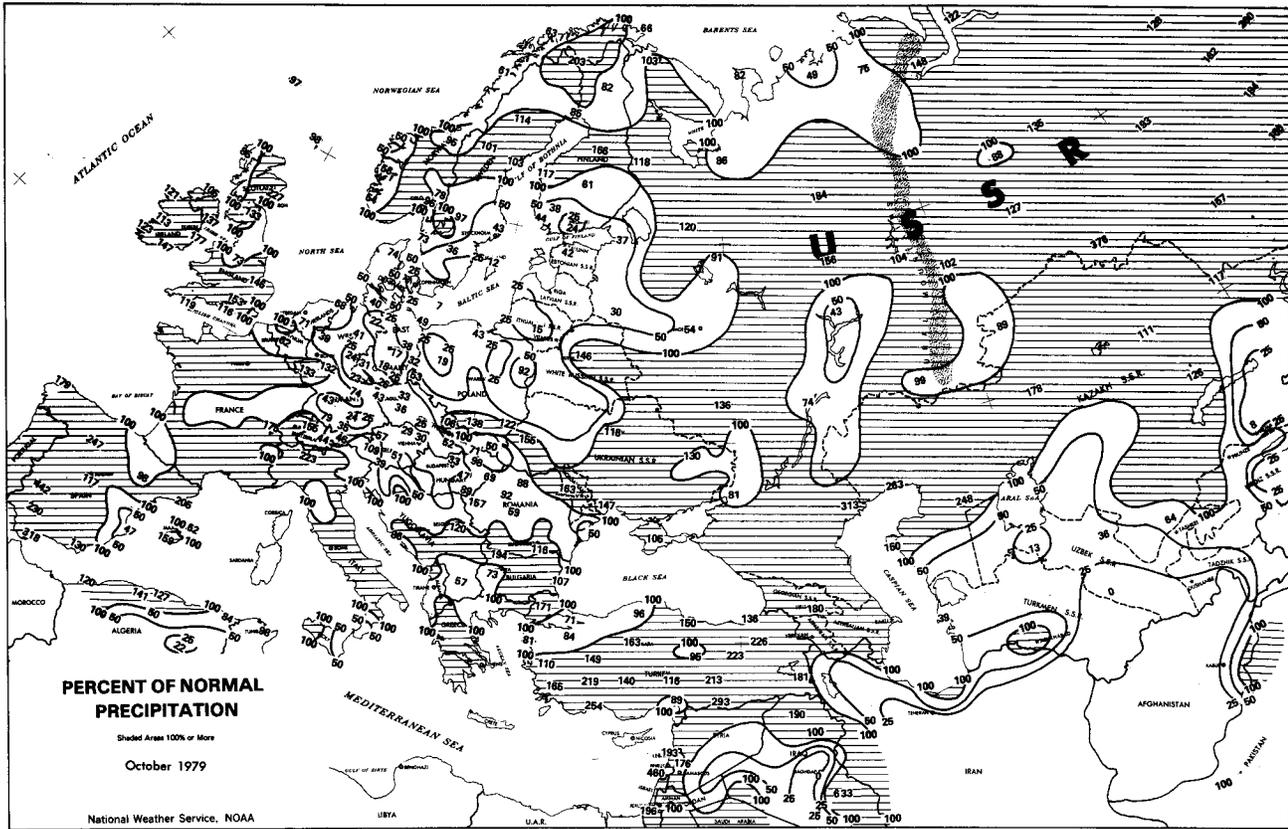
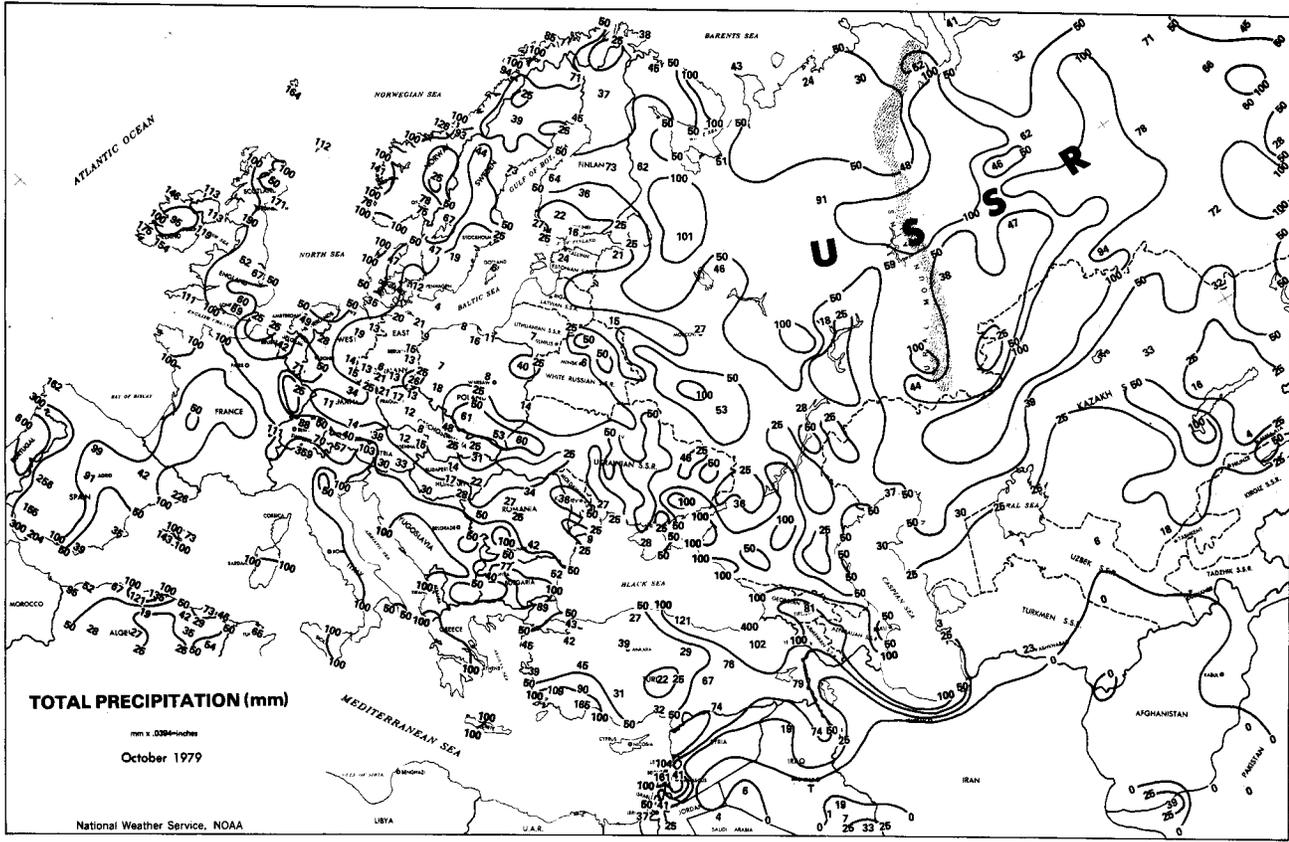


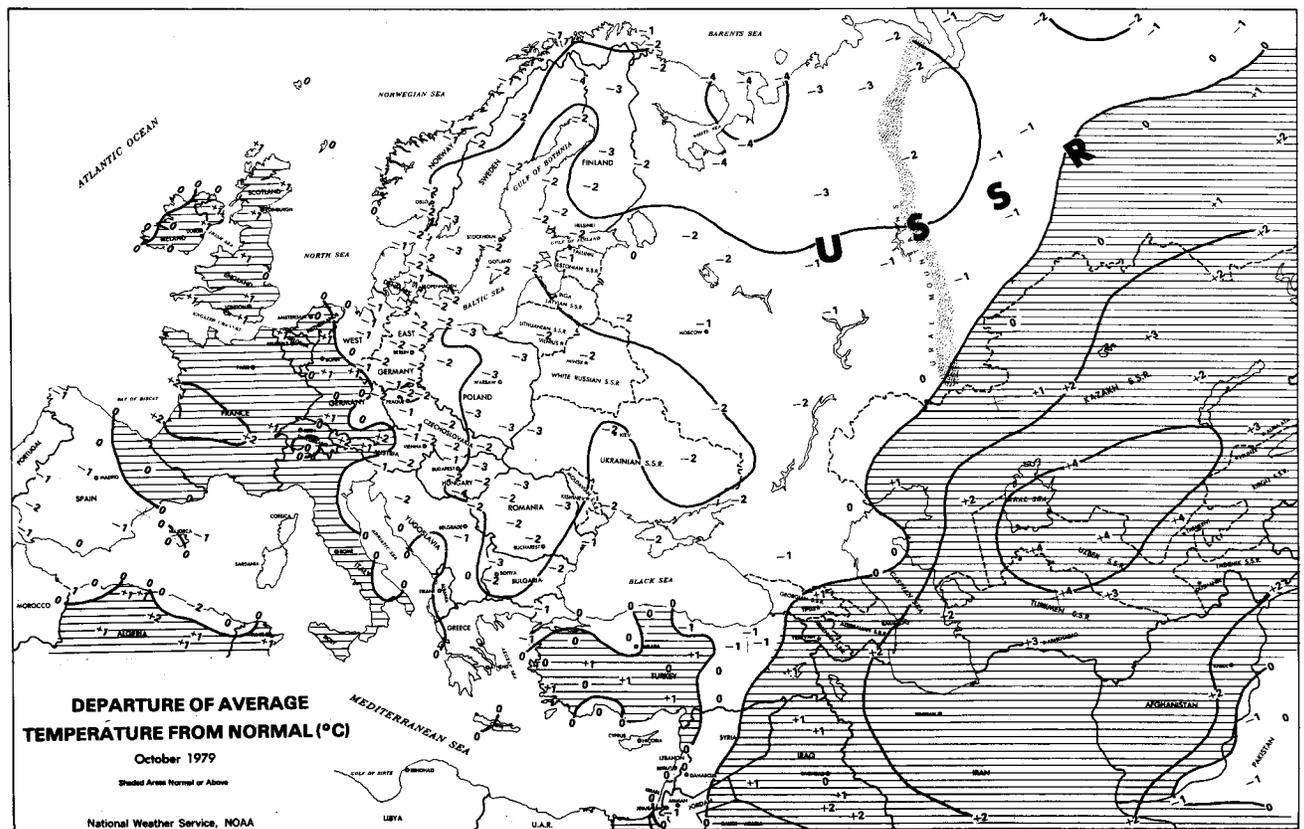
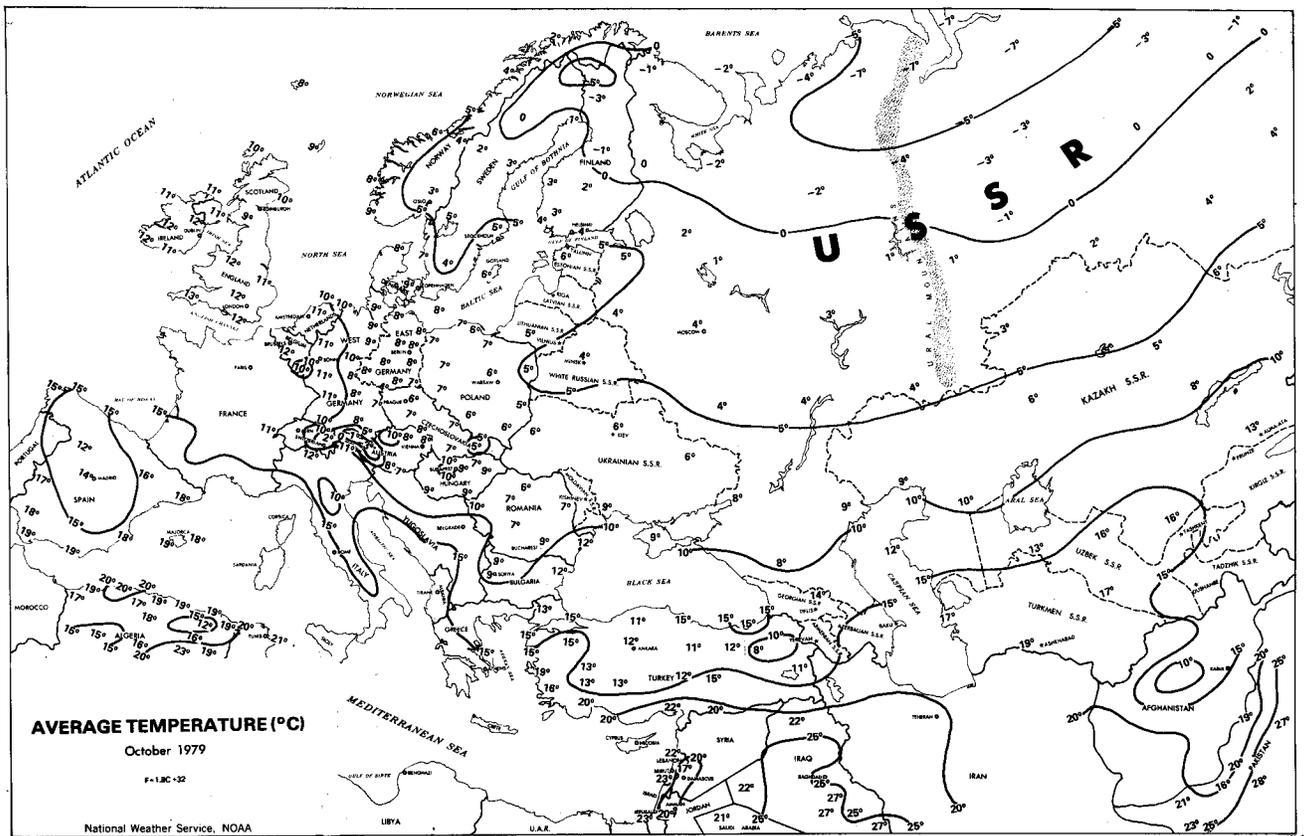
AUSTRALIA. Much-above-normal rainfall in south-eastern Queensland and northeastern New South Wales interfered with grain harvest activities this week. Moderate totals in southern portions of the grain belt probably did not hurt crop prospects. October rainfall amounts in these latter areas remained sufficient to assure good yields, but in West Australia, only the southernmost portion of the grain area received sufficient precipitation for the crop this spring. In Queensland, October precipitation showed an improvement, but it probably came too late to help the maturing grain.

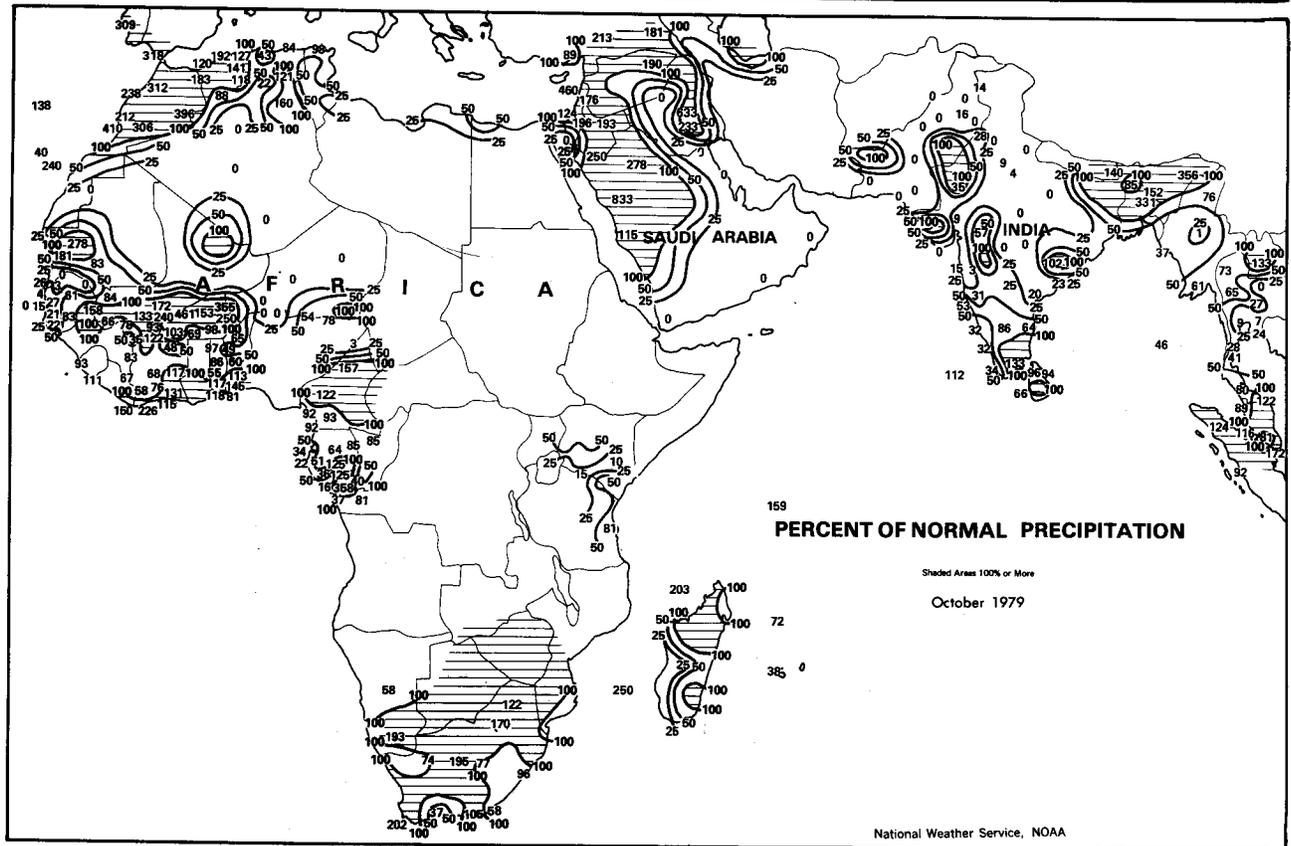
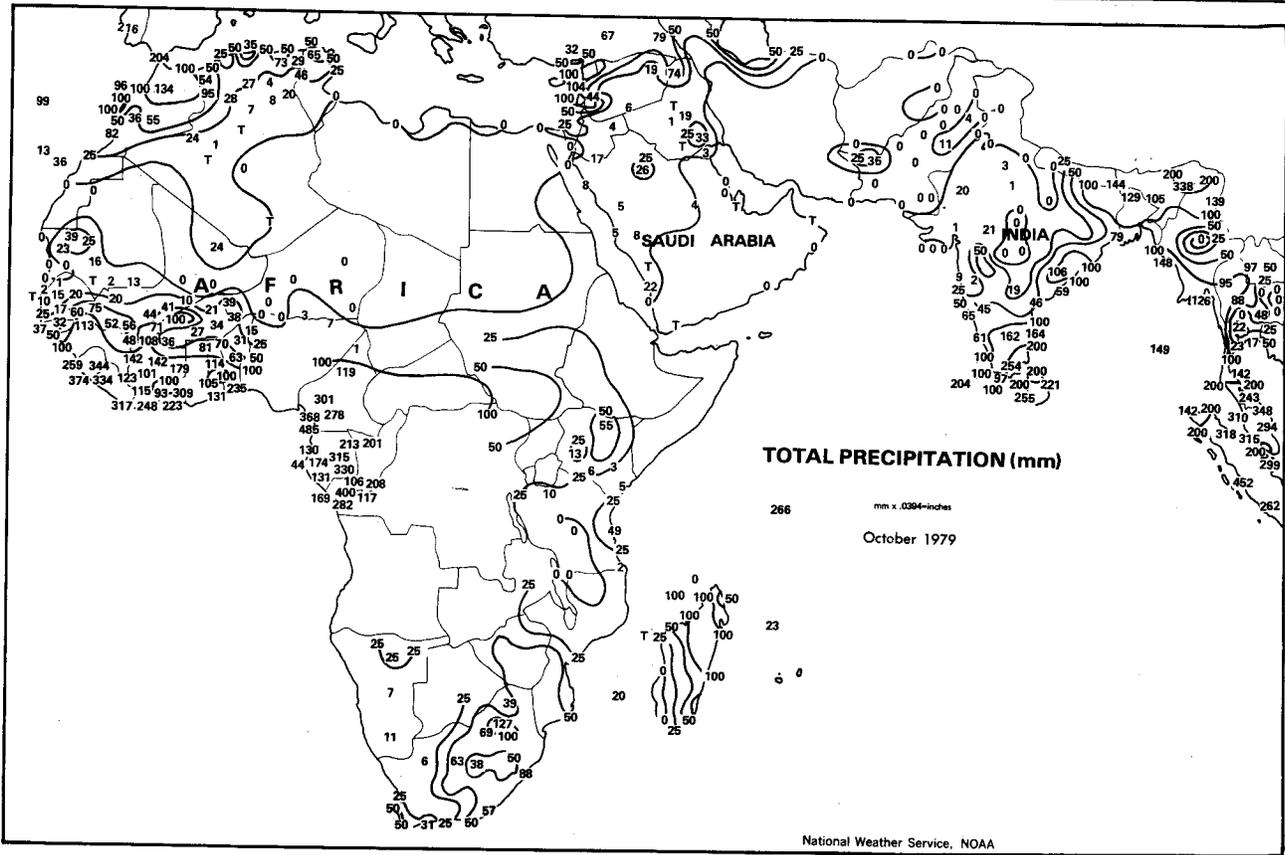


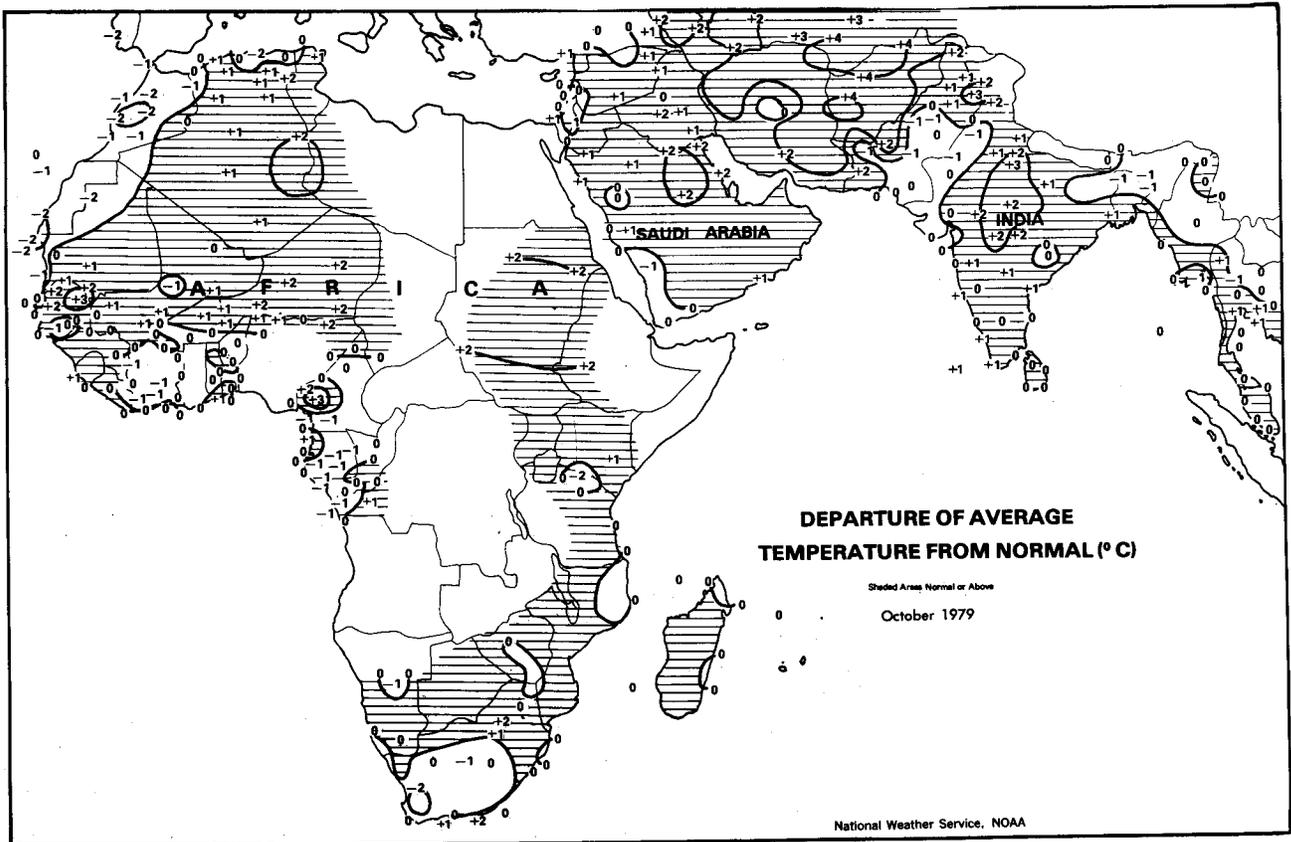
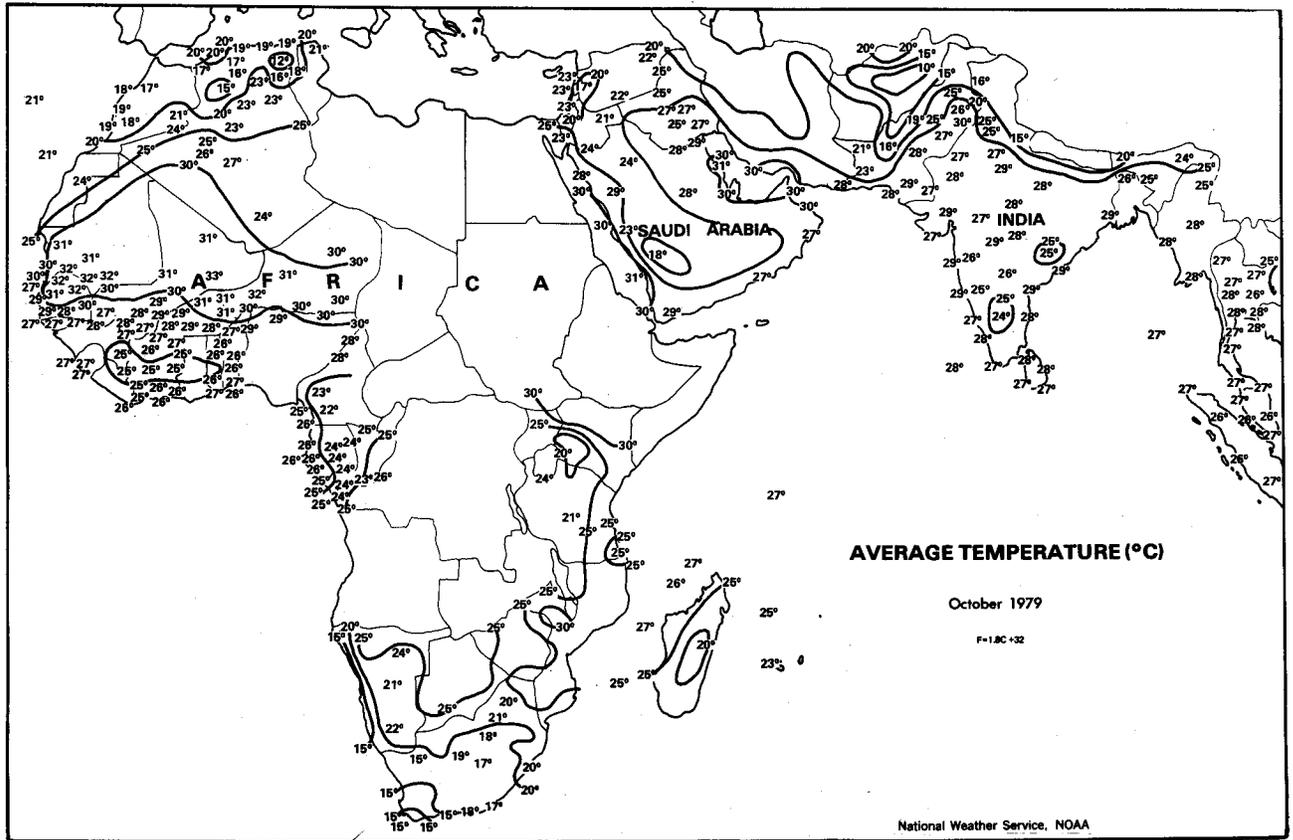
MEXICO. Beneficial light rains of 5 to 15 mm fell over eastern citrus orchards. Other major agricultural exporting areas remained sunny and dry during the week. Much of the northern half of the nation failed to receive any rain in October, and the southern portion generally had subnormal amounts. Drought in the north central portion extended into the southern interior during October. Culiacan's afternoon temperatures averaged 28°C with a relative humidity of 42 percent, while overnight lows averaged 16°C with 82 percent humidity.

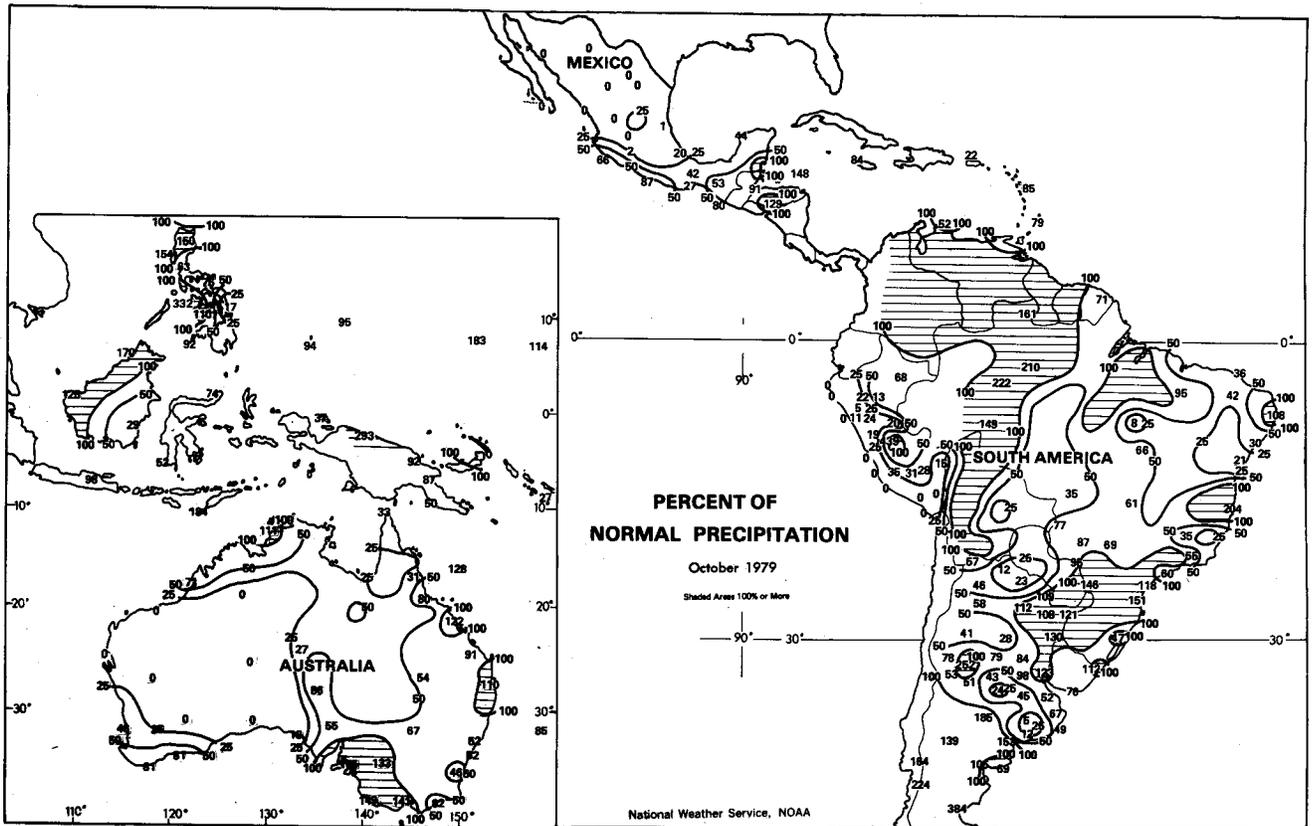
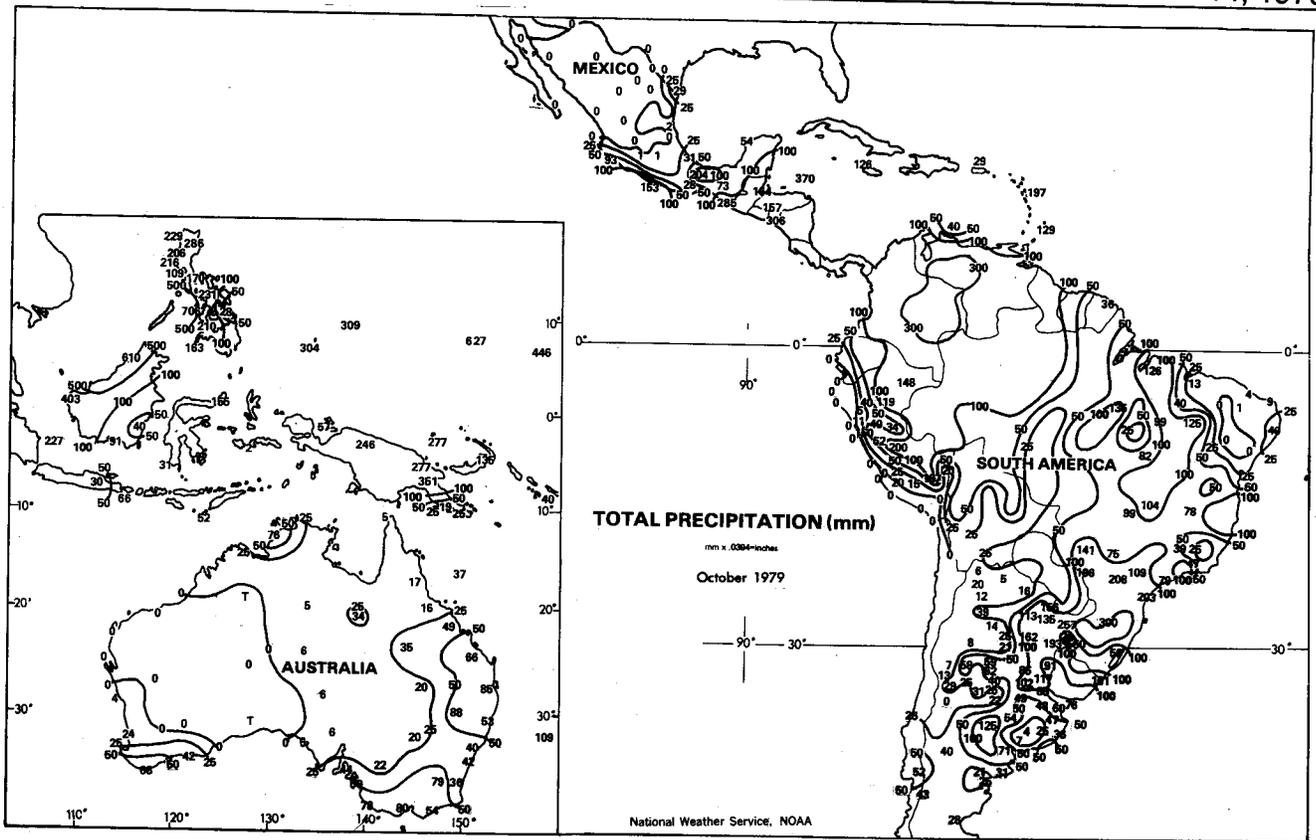
SOUTH AFRICA. Abundant rainfall during the third week of October allowed planting to begin in the Maize Triangle. Totals for the month fell short of normal in southeastern portions of the Triangle, and November rains have not yet made up that deficiency, so soils probably remain too dry for planting in the Natal and eastern portions of the Orange Free State. In northwestern Africa, winter grain areas in Morocco and western Algeria received above-normal precipitation during October providing good soil moisture for seeding; Tunisia and eastern Algeria were only slightly short of normal rainfall.

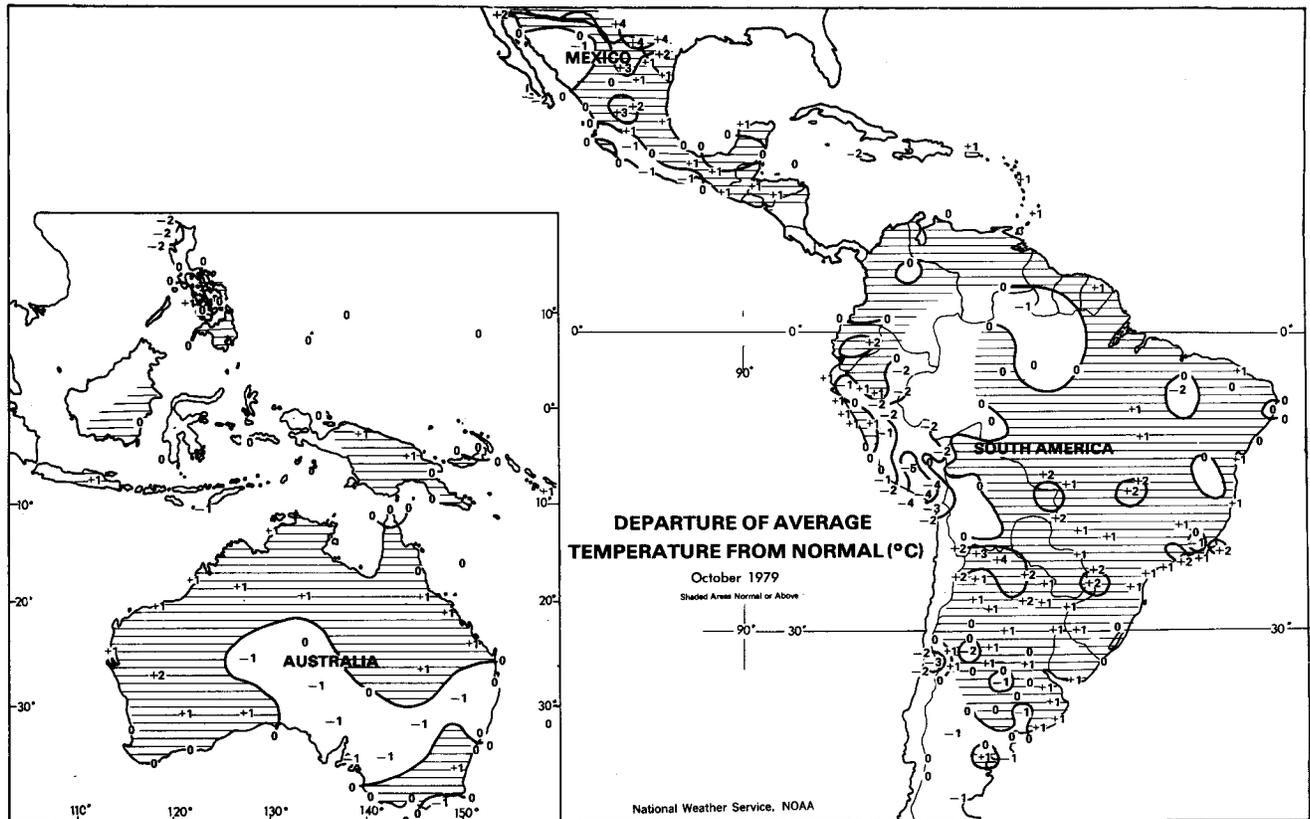
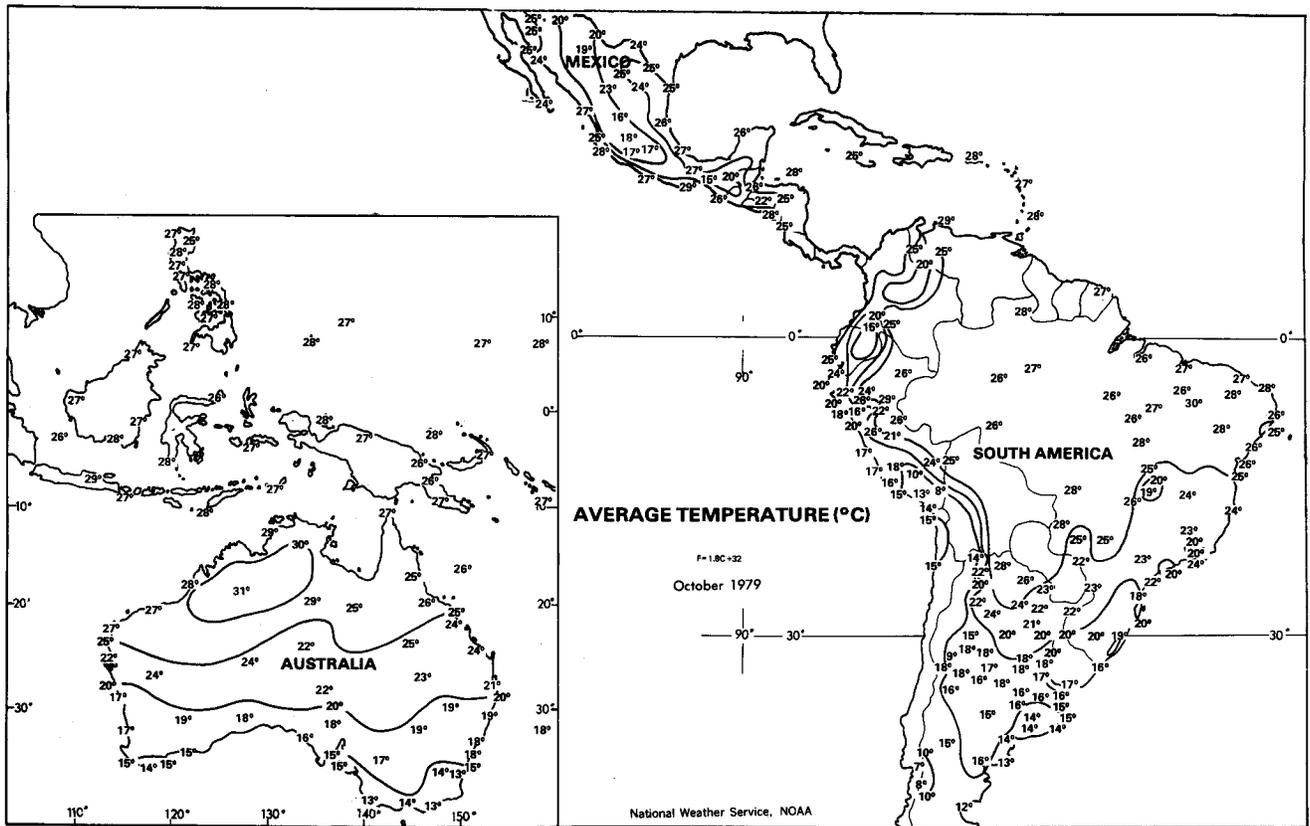




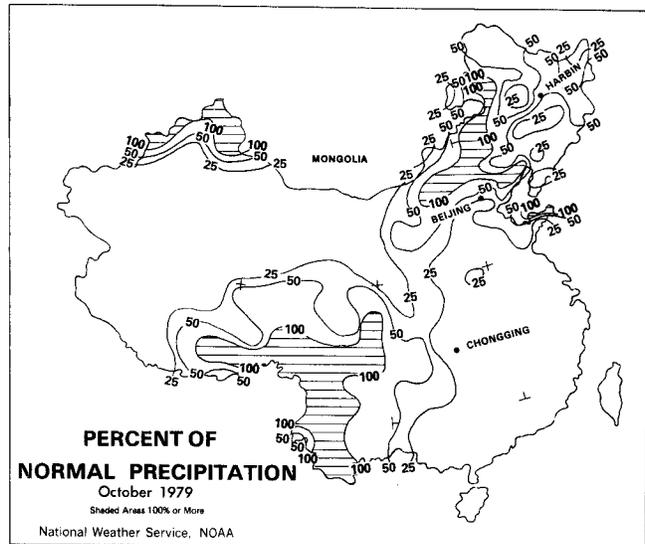
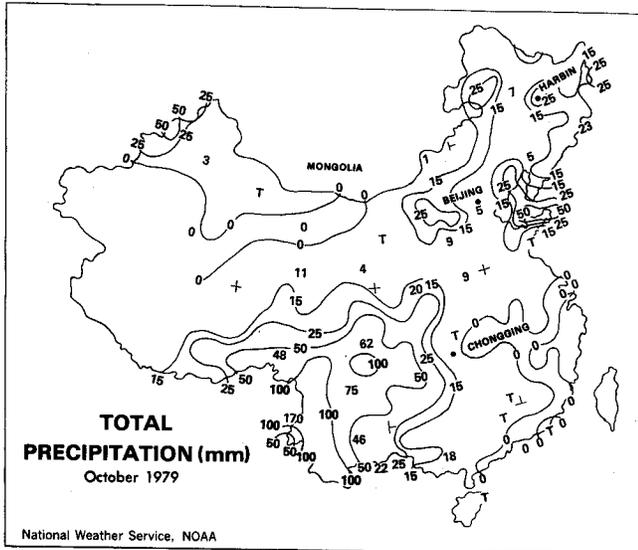








China Precipitation



CROP PRODUCTION HIGHLIGHTS

CORN production is forecast at a record high 7.59 billion bushels, 3 percent above the October 1 forecast and 7 percent more than the previous record set last year.

SORGHUM GRAIN production is forecast at 825 million bushels, up 1 percent from last month's forecast, and 10 percent more than the 1978 crop.

FEED GRAIN production (corn, sorghum, oats, and barley combined) is forecast at a record high 229 million metric tons, 5 percent more than a year ago.

SOYBEAN production, forecast at a record 2.24 billion bushels, is up 1 percent from a month ago and 20 percent above the 1978 crop.

ALL COTTON production is forecast at 14.5 million bales, 34 percent above 1978, and 1 percent above the October 1 forecast.

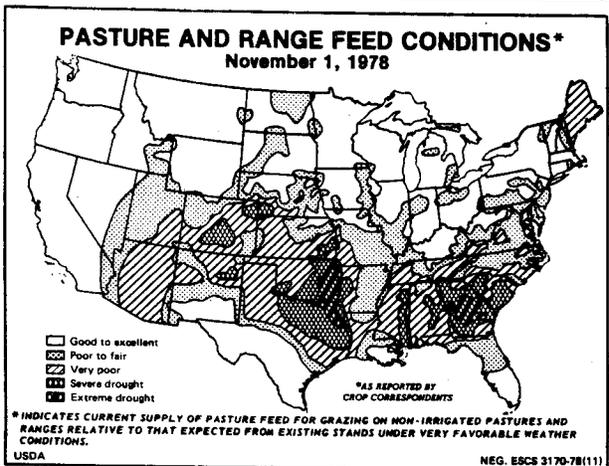
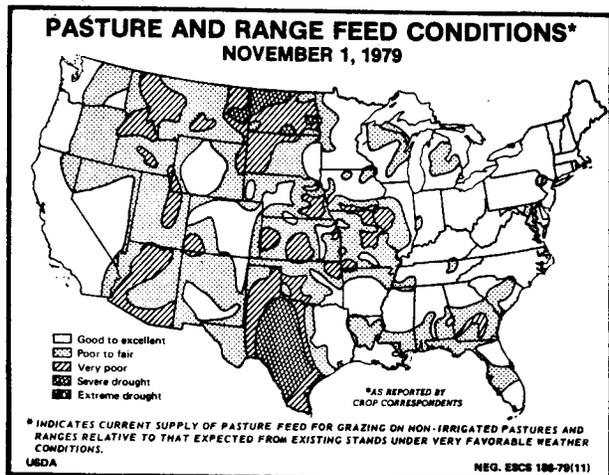
OILSEED production (soybeans, cottonseed, peanuts, flaxseed, and sunflower) is forecast at 71.6 million metric tons, up 22 percent from last year.

ALL TOBACCO production is forecast at 1.61 billion pounds, 20 percent below 1978 and the lowest production since 1943. Flue-cured production is down 23 percent and burley down 18 percent from last year.

FALL POTATO production is forecast at 301 million cwt., 7 percent less than the record high 1978 crop.

SUGAR CROPS: Sugarbeet production is forecast at 22.0 million tons, 14 percent less than last year. Sugarcane production is expected to total 27.4 million tons, 6 percent above the 1978 output.

Crop Reporting Board, ESCS, USDA

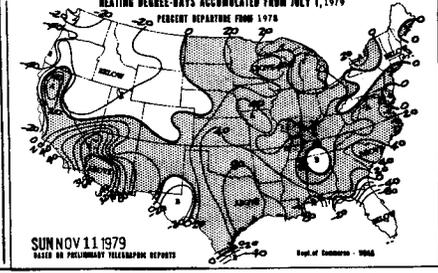
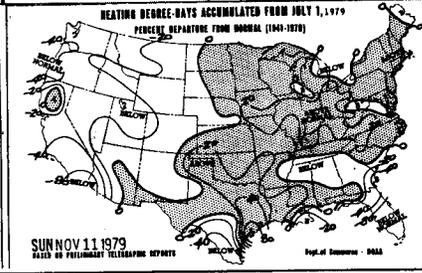


HEATING DEGREE DAYS (BASE 65°) FOR WEEK ENDING NOV. 11, 1979.

BASED ON 1941-70 NORMALS.

+ ACCUMULATION FROM JULY 1, 1979.

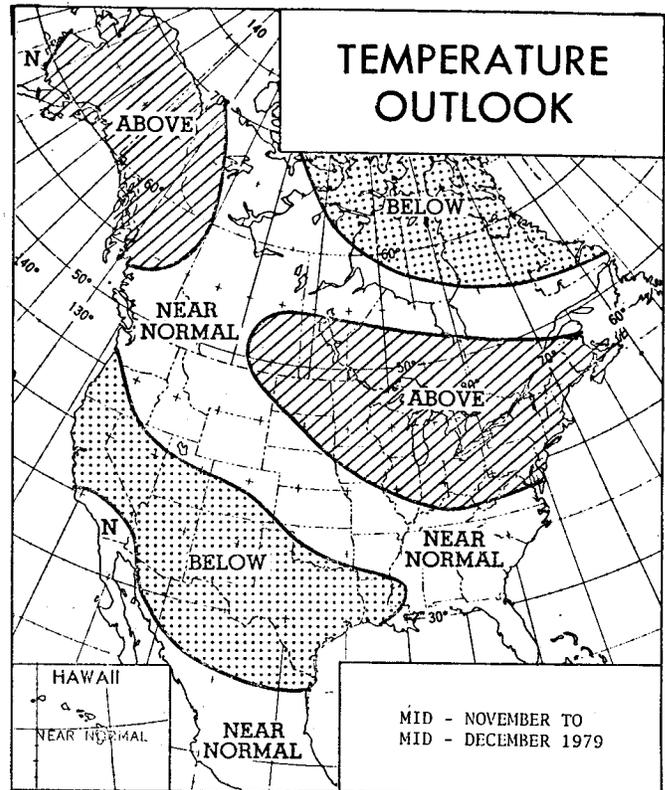
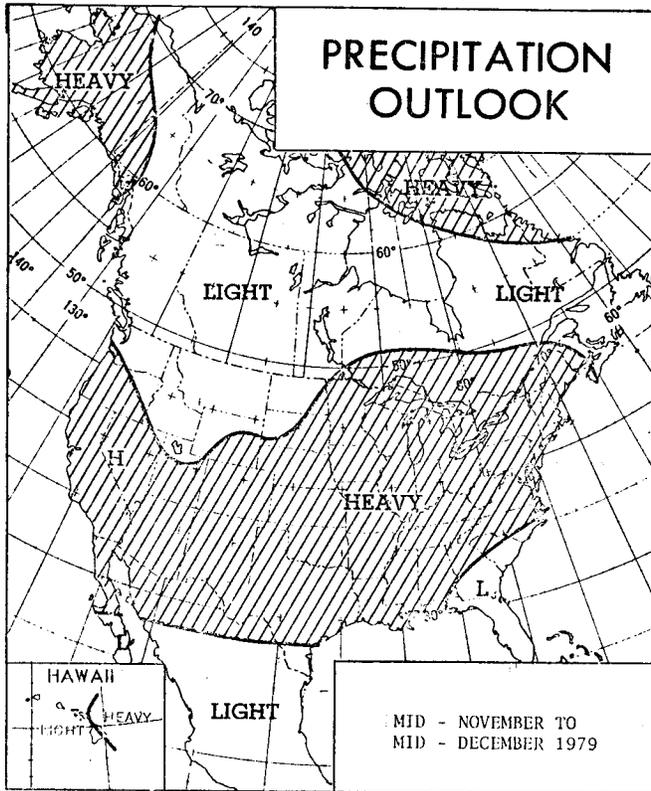
Table with columns for STATES AND STATIONS, WEEKLY DEPARTURE*, SEASONAL ACCUMULATION +, and DEPARTURE FROM 1978-79. Rows list various cities across multiple states including ALA., ARIZ., ARK., CALIF., CONN., DEL., D.C., FLA., GA., IDAHO, ILL., IND., IOWA, KANS., KY., LA., MAINE, MD., MASS., MICH., MISS., MONT., NEBR., NEV., N.H., N.J., N.MEX., N.Y., N.C., N.DAK., OHIO, OKLA., OREG., PA., R.I., S.C., S.DAK., TENN., TEXAS, UTAH, VT., VA., WASH., W.VA., WIS., and WYO.





FIRST CLASS MAIL

Average Monthly Weather Outlook



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