

TUESDAY...Jeanne drifted into the eastern Gulf of Mexico, and a front moving across Florida contributed to continuous heavy rain over the Florida Keys. Cold air spread further into the Northeast, sending the freezing line into southern Virginia. One-third inch of rain fell from Nevada into Montana, while lighter amounts were scattered from North Dakota to Illinois along a developing frontal system. Snow blanketed the northern Rockies, and cold air began to build over the Northwest.

WEDNESDAY...Jeanne grew to hurricane strength and moved into the central Gulf of Mexico threatening fishing boats and offshore oil rigs. Meantime, the front strengthened over the West, bringing rain and snow from the Rockies to the northern Great Lakes. Cold air over the East began to moderate, but not before sending overnight temperatures below freezing in South Carolina and northern Georgia. Pleasant 70- and 80-degree readings stretched from southern California to Florida.

THURSDAY...Rainy weather covered a broad frontal zone from New Mexico into the Great Lakes, while snow fell in the central Rockies and northern Plains. Jeanne weakened to tropical storm status in the western Gulf of Mexico, sending light showers across Louisiana and the Texas coastal plains. Much of the Northwest remained cold; overnight temperatures ranged in the teens and twenties. The cold snap in the East continued to moderate.

FRIDAY...A broad band of rain moved eastward with the front from New England to Texas. Two- to four-inch amounts soaked the mid-South.

Unseasonably cold weather spread into the Rockies and Plains; northwestern North Dakota scored a frigid 40 overnight and remained below freezing all day. The seventies and eighties spanned the Southeast. Tropical Storm Jeanne grew weaker in the western Gulf. A new front carried showers to the northern Pacific Coast.

SATURDAY...A winter storm developed rapidly over the Southwest and dumped snow on eastern New Mexico, Colorado, and West Texas. Unseasonably cold air and freezing temperatures over much of the Northwest expanded into the southern Rockies and central Plains. Meanwhile, Tropical Depression Jeanne became weaker and was absorbed into a broad, wet frontal zone from South Texas through the southeastern States. Heavy rain doused much of the Southeast.

SUNDAY...The winter storm intensified over the Southwest. Three to six inches of snow closed some roads as it blanketed eastern New Mexico, West Texas, and spread into Oklahoma. Ahead of the snow, rain fell from the southern Plains into the mid-South along a cold front. Unusually cold air moved further southward, engulfing all the Nation except the Southeast. A new tropical depression, forming in the northwestern Caribbean, spread thunderstorms into South Florida which was already saturated from Jeanne during the beginning of the week. Cloudy, rainy weather continued over the northern Pacific coast. Santa Ana winds blew brush fires into some residential areas of southern California, destroying more than 100 homes.

National Agricultural Summary

November 10-16

HIGHLIGHTS: Light rains moved across the country with the heaviest amounts falling from Texas eastward across the Delta and the Southeast. Snow delayed outside activities in some northern areas. Despite the rain and snow, farmers in all regions of the Nation had 5 to 7 days suitable for fieldwork. Soil moisture was rated short to adequate except in Michigan and Wisconsin where supplies continued adequate to surplus. Winter wheat seeding neared completion and 88% of the acreage had emerged. The crop showed fair to good condition, although more moisture is needed in nearly all areas. Corn harvest was 97% complete, compared with last year's slow progress of only 79% and the average of 88%. Soybean harvest advanced to 90% finished, 1 point behind last year but 3 points ahead of average. Grain sorghum harvest was 97% complete, ahead of last year's 90% and the 91% average. Cotton picking advanced to 69% finished, compared with 57% a year earlier. Fall plowing continued to progress ahead of normal in most areas. Cattle fed on fall pastures and crop stubble. Pastures generally rated fair to good except in the south central States where poor to fair conditions were reported. Winter wheat fields provided limited grazing.

CORN: Corn harvest in the 17 major producing States reached 97% complete, well ahead of last year's slow progress of only 79% and the average of 88%. Progress in all 17 States moved ahead of last year and the average. Growers finished in Iowa and Missouri. Some farmers in northern areas continued to wait for the ground to freeze before moving machinery into the fields.

SOYBEANS: Soybean combining in the 18 major States reached 90% complete, 1 point behind a year ago but 3 points ahead of average. Harvesting was done in Illinois, Indiana, Iowa, Nebraska, and Ohio. Progress in the Delta and the Southeast continued to lag the average due to wet conditions. In other areas, only Minnesota failed to exceed the average, also due to wet conditions.

SMALL GRAINS: Winter wheat seeding neared completion in most States, except California where farmers had seeded only 27% of their acreage; 88% of the acreage had emerged. The crop rated fair to good, although more moisture was needed in most areas. Light winds damaged some crops in most areas of Montana. Little grazing was available.

COTTON: Cotton picking in the 14 major States reached 69% complete, compared with 57% a year earlier. In the Delta, harvesting continued well ahead of last year's slow pace. High humidity and damp weather slowed stripping operations in Texas. The New Mexico harvest moved actively until halted by snow. Defolianters were being applied in Arizona.

OTHER CROPS: The grain sorghum harvest reached 97% completion, 7 points ahead of last year and 6 points ahead of average. Harvesting was completed in Nebraska.

Peanut harvest ranged from 68% complete in Texas to 99% in Georgia and 100% in Alabama. Rain and high humidity was favorable for tobacco stripping in Kentucky. The Tennessee burley crop was 60% stripped. The sunflower harvest reached 76% complete in Texas.

FRUITS AND NUTS: Northern growers continued orchard maintenance work such as pruning, clean-up, and rodent control. The Florida citrus grove condition improved after receiving beneficial rains, and irrigation slowed. Harvest continues to increase for all fresh market early varieties. Arizona citrus groves showed good condition. New-crop fruit sized and colored well. California fruit growers pruned, fertilized, and irrigated. The table-grape harvest continued, and the Navel orange harvest increased. The avocado harvest began in the Ventura district. The Texas citrus harvest was steady; most areas needed moisture. Pecan harvests in Texas picked up pace and reached 21% complete. Harvesting began in New Mexico, and was 43% finished in Mississippi and Georgia and 44% completed in Louisiana.

VEGETABLES: California growers harvested broccoli, carrots, cauliflower, celery, lettuce, bell peppers, and potatoes. Florida vegetable shipments rose 12% from the previous week; gains included snap beans, cabbage, carrots, celery, chinese cabbage, cucumbers, eggplant, escarole, lettuce, parsley, green peppers, squash, and tomatoes. Shipments of sweet corn declined. Texas growers also harvested a wide variety of vegetables.

PASTURES AND LIVESTOCK: Pastures generally rated fair to good except in the south central States where poor to fair conditions were reported. Cattle grazed on fall pastures and crop stubble. Winter wheat fields provided limited grazing.

Weather Data for the Week Ending Nov. 16, 1980

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	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	PRECIPITATION	
																.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	72	45	79	38	58	6	.6	-.2	.4	9.0	111	78	45	0	0	2	0
AL MOBILE	75	57	83	50	66	8	.1	-.7	T	8.8	82	75	53	0	0	1	0
AL MONTGOMERY	72	50	79	38	61	6	.1	-.7	.1	6.5	79	85	49	0	0	1	0
AK ANCHORAGE	34	24	39	12	30	8	.4	.2	.2	5.8	129	76	64	0	7	3	0
AK BARRROW	-1	-12	8	-25	-7	-8	T	.1	0	1.3	118	85	77	0	7	0	0
AK FAIRBANKS	21	3	31	-5	12	8	.1	0	.1	1.8	86	68	50	0	7	1	0
AK KODIAK	46	34	46	29	41	6	1.9	.6	.1	17.5	114	82	71	0	1	1	0
AK NOME	27	13	36	3	19	2	.1	-.1	.1	3.2	71	78	66	0	7	1	0
AZ FLAGSTAFF	52	27	67	15	40	3	0	-.3	0	1.8	45	--	28	0	3	0	0
AZ PHOENIX	78	53	88	45	66	5	0	-.1	0	.1	8	48	24	0	0	0	0
AZ TUCSON	73	49	83	41	61	2	0	-.1	0	3.1	135	55	25	0	0	0	0
AZ WINSLOW	60	32	77	17	46	2	0	-.1	0	.8	47	--	--	0	3	0	0
AZ YUMA	78	55	88	43	66	2	0	0	0	0	0	63	--	0	0	0	1
AR FORT SMITH	65	45	80	41	55	4	3.9	.2	.6	7.3	85	77	43	0	0	3	0
AR LITTLE ROCK	62	45	75	37	54	3	3.8	2.9	2.8	10.9	130	75	52	0	0	3	2
CA BAKERSFIELD	66	46	70	38	56	-1	T	T	T	0	0	--	40	0	0	0	0
CA EUREKA	55	40	58	37	47	-5	T	-.1	-.1	2.9	41	89	66	0	0	1	0
CA FRESNO	64	40	70	34	52	-2	.1	-.2	.1	.1	8	81	40	0	0	1	0
CA LOS ANGELES	70	55	76	49	63	0	0	-.4	0	0	0	66	44	0	0	0	0
CA RED BLUFF	68	39	70	33	54	0	0	-.7	0	.9	30	--	22	0	0	0	0
CA SAN DIEGO	69	57	72	46	63	2	0	-.3	0	.1	9	71	57	0	0	0	0
CA SAN FRANCISCO	64	44	66	38	54	-2	0	-.5	0	.1	5	72	42	0	0	0	0
CA STOCKTON	67	41	70	31	54	1	0	-.4	0	.1	6	--	30	0	0	0	0
CO DENVER	49	26	73	20	38	-2	.3	.1	.2	1.1	39	73	47	0	6	2	0
CO GRAND JUNCTION	55	34	68	25	45	4	.1	0	.1	2.0	100	59	32	0	3	1	0
CO PUEBLO	53	28	77	25	41	0	.1	0	T	.6	32	78	47	0	7	0	0
CT BRIDGEPORT	52	40	67	33	46	-1	0	-.9	0	7.4	95	60	35	0	0	0	0
CT HARTFORD	47	32	60	26	40	-3	T	-1.0	T	4.5	51	68	33	0	5	0	0
DC WASHINGTON	58	41	65	37	50	1	T	-.7	T	4.9	67	65	40	0	0	1	0
FL APALACHICOLA	73	59	78	49	66	5	.2	-.4	.2	8.6	66	73	58	0	0	2	0
FL DAYTONA BEACH	78	64	82	57	71	6	.9	.4	.6	5.2	37	79	61	0	0	2	1
FL FORT MYERS	82	70	89	66	76	6	1.3	1.0	.8	7.9	57	94	63	0	0	5	0
FL JACKSONVILLE	76	54	81	42	65	4	.1	-.3	T	6.1	46	84	54	0	0	2	0
FL KEY WEST	80	73	82	71	76	1	26.7	26.0	22.8	36.3	247	93	82	0	0	4	2
FL MIAMI	81	74	85	72	78	5	1.6	.9	.8	14.3	75	82	69	0	0	4	2
FL ORLANDO	82	62	85	55	72	5	1.5	1.1	1.0	5.7	46	93	52	0	0	3	1
FL TALLAHASSEE	75	53	80	38	64	5	T	-.6	T	11.1	101	77	33	0	0	0	0
FL TAMPA	80	64	83	55	72	5	.5	-.1	.4	6.0	81	88	61	0	0	2	0
FL WEST PALM BEACH	82	71	88	68	77	5	2.5	1.9	1.2	11.8	57	81	57	0	0	5	2
GA ATLANTA	69	47	76	36	58	7	.9	.1	.8	7.7	104	65	42	0	0	2	1
GA AUGUSTA	68	42	78	30	55	1	.9	.4	.8	8.1	125	91	49	0	2	2	0
GA MACON	73	47	81	33	60	5	.2	-.3	.2	6.7	102	84	48	0	0	2	0
GA SAVANNAH	70	48	79	36	59	2	.2	-.2	.2	7.7	82	79	51	0	0	1	0
HI HILO	--	--	--	--	73	-1	1.4	-1.7	--	24.8	98	--	--	0	0	--	--
HI HONOLULU	86	73	87	71	79	2	.1	-.6	.1	.8	23	79	52	0	0	--	--
HI KAHULUI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HI LIHUE	--	--	--	--	75	0	1.7	.4	--	16.7	196	--	--	--	--	--	--
ID BOISE	45	28	46	17	36	-4	.1	-.2	.1	2.7	142	89	51	0	5	1	0
ID LEWISTON	40	30	45	22	35	-6	.4	-.3	T	2.3	92	90	65	0	3	0	0
ID POCATELLO	38	25	49	13	32	-4	.4	-.1	.2	3.7	206	87	61	0	5	2	0
IL CAIRO	58	43	72	38	50	1	.3	-.6	.1	--	--	--	--	0	0	2	0
IL CHICAGO	47	33	61	26	40	0	.3	-.2	.2	8.0	114	74	48	0	4	3	0
IL MOLINE	47	30	64	19	39	-1	.2	-.2	.2	4.7	62	69	41	0	4	3	0
IL PEORIA	49	33	65	24	41	0	.2	-.3	.1	6.8	94	80	52	0	4	2	0
IL ROCKFORD	45	31	60	21	37	-2	.3	-.3	.3	7.9	95	68	47	0	2	2	0
IL SPRINGFIELD	52	35	70	26	44	1	.1	-.4	.1	6.6	86	79	45	0	2	1	0
IN EVANSVILLE	56	37	71	33	47	1	T	-.8	T	5.5	77	71	41	0	0	1	0
IN FORT WAYNE	47	30	63	21	38	-3	.1	-.5	.1	4.7	70	77	49	0	5	2	0
IN INDIANAPOLIS	50	30	66	25	40	-2	.2	-.6	.1	5.2	72	77	44	0	5	2	0
IN SOUTH BEND	48	33	66	28	41	0	.2	-.4	.1	9.3	122	73	52	0	4	2	0
IA BURLINGTON	49	34	67	24	42	1	.3	-.1	.3	8.9	116	--	--	0	0	2	0
IA DES MOINES	47	33	60	23	40	2	.5	-.1	.4	3.6	58	68	51	0	4	2	0
IA DUBUQUE	43	31	54	20	37	0	.6	0	.6	9.8	110	71	46	0	3	2	1
IA SIOUX CITY	46	29	61	19	37	1	T	-.2	T	2.7	54	88	58	0	5	1	0
KS CONCORDIA	55	36	73	23	45	4	.1	-.1	.1	3.3	60	88	55	0	3	0	0
KS DODGE CITY	58	38	80	25	48	5	T	-.2	T	.3	8	73	45	0	3	1	0
KS GOODLAND	46	28	68	23	37	-2	T	-.1	T	2.5	93	87	63	0	6	1	0
KS TOPEKA	54	38	71	25	46	2	.1	-.2	.1	8.6	128	74	56	0	2	1	0
KS WICHITA	58	43	74	32	50	5	.5	-.2	.3	2.5	35	75	56	0	1	3	0
KY LEXINGTON	54	35	69	25	44	-1	T	-.8	T	4.6	72	68	42	0	2	1	0
KY LOUISVILLE	57	37	71	30	47	2	T	-.8	T	6.7	96	63	35	0	2	1	0

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending Nov. 16, 1980

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	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMPERATURE °F		PRECIPITATION	
																.01 INCH OR MORE	.50 INCH OR MORE		
LA	72	58	81	50	65	0	.8	0	.8	14.2	167	85	66	0	0	2	1		
LA	72	54	81	47	63	0	.6	0	.6	10.1	104	88	58	0	0	2	1		
LA	77	62	83	53	70	10	T	.9	T	12.2	126	78	62	0	0	0	0		
LA	70	48	83	38	59	2	1.9	1.1	1.7	6.1	78	93	58	1	0	3	0		
LA	70	48	83	38	59	2	.3	.5	.1	7.4	86	79	67	0	0	5	5		
ME	35	28	41	21	32	-1	T	1.2	T	6.5	72	80	43	0	0	6	0		
ME	44	29	50	20	36	-3	T	1.2	T	4.5	60	65	29	0	0	1	2		
MD	57	36	70	31	46	0	.1	1.1	T	5.6	67	61	34	0	0	3	0		
MA	48	33	59	27	40	-6	T	1.1	T	6.0	71	74	43	0	0	0	0		
MA	47	35	54	32	41	-1	T	1.1	T	6.0	71	74	43	0	0	0	0		
MI	36	23	42	15	30	-6	.3	.3	.3	4.1	61	---	---	0	0	7	2		
MI	45	28	60	19	36	-4	.2	.4	.2	4.6	74	72	45	0	0	5	2		
MI	45	28	60	19	36	-4	.1	.5	.1	7.3	116	77	54	0	0	5	2		
MI	41	28	58	18	34	-5	.1	.5	.2	7.2	96	71	51	0	0	4	1		
MI	43	29	60	20	36	-3	.2	.2	.8	7.0	95	81	64	0	0	6	0		
MI	37	23	45	14	30	-5	.8	0	.1	5.7	90	80	52	0	0	4	1		
MI	42	29	61	18	35	-4	.1	.5	.1	5.7	149	95	69	0	0	7	3		
MI	32	17	36	6	25	-10	.8	0	.6	11.2	149	95	69	0	0	4	2		
MI	41	30	52	22	36	-4	.5	.2	.5	7.7	100	72	58	0	0	7	2		
MI	31	18	33	8	25	-9	.7	.2	.5	7.1	84	75	68	0	0	7	2		
MN	31	22	33	13	26	-2	.2	.2	.2	8.8	138	88	70	0	0	7	2		
MN	31	22	33	13	26	-2	.2	.2	.2	8.8	138	88	70	0	0	7	2		
MN	28	17	32	-2	23	-3	.4	0	.4	7.1	122	90	81	0	0	7	2		
MN	41	28	47	22	35	1	.2	.1	.1	4.5	85	74	53	0	0	6	2		
MN	41	28	47	22	35	1	.1	.1	.1	4.9	86	79	57	0	0	6	3		
MN	41	28	49	22	34	1	.1	.2	.1	7.0	135	91	57	0	0	7	2		
MN	38	23	43	15	31	0	.1	.2	.1	7.0	135	91	57	0	0	7	2		
MS	38	23	43	15	31	0	1.1	.2	.5	7.7	107	86	54	0	0	0	3		
MS	72	47	81	37	60	4	.2	.6	.2	11.1	159	93	53	0	0	1	2		
MS	73	49	80	36	61	6	.2	.2	.2	6.4	70	69	51	0	0	1	2		
MO	52	37	69	32	44	0	.1	.3	.1	5.8	70	67	51	0	0	2	2		
MO	52	37	68	25	44	1	.1	.5	.1	6.2	90	80	51	0	0	0	0		
MO	55	38	74	34	47	1	.1	.5	.2	6.1	68	75	48	0	0	0	0		
MO	59	40	74	34	50	4	.2	.4	.2	6.1	68	75	48	0	0	6	3		
MT	40	25	51	17	32	-3	.2	0	.2	3.4	121	69	48	0	0	7	2		
MT	39	23	54	15	31	2	.1	0	.1	2.4	160	98	55	0	0	7	2		
MT	38	22	48	13	30	-5	.1	.1	.1	2.6	118	75	47	0	0	6	3		
MT	35	20	46	11	28	-3	.1	0	.1	2.8	147	94	76	0	0	6	3		
MT	37	19	46	12	28	-4	.1	0	.1	4.2	247	85	46	0	0	7	2		
MT	36	17	46	12	27	-4	T	.3	T	1.8	58	86	51	0	0	7	1		
MT	38	28	48	22	33	0	.1	0	0	2.8	133	89	64	0	0	5	0		
MT	38	28	48	22	33	0	.1	0	0	2.8	133	89	64	0	0	5	0		
MT	36	20	44	12	28	-4	T	.2	T	2.2	92	93	60	0	0	7	1		
MT	36	20	44	12	28	-4	.1	0	.1	2.4	63	85	56	0	0	5	4		
NE	47	31	59	22	39	1	.1	.1	.1	2.4	49	79	51	0	0	4	1		
NE	50	34	71	19	42	3	.1	.1	.1	2.8	70	88	59	0	0	5	1		
NE	44	30	57	18	37	0	.1	0	.1	1.5	45	76	56	0	0	5	2		
NE	44	28	58	14	36	0	.1	0	.1	5.0	91	80	54	0	0	4	1		
NE	47	31	70	18	39	-1	.1	.1	.1	2.0	77	89	58	0	0	4	2		
NE	43	27	51	13	35	0	.1	0	.1	2.0	77	89	58	0	0	4	2		
NV	43	27	51	13	35	0	.5	.4	.5	2.4	200	69	51	0	0	6	1		
NV	43	18	66	5	31	-4	.5	.4	.5	2.4	200	69	51	0	0	6	1		
NV	67	47	81	38	57	3	0	.1	0	.2	22	42	19	0	0	0	0		
NV	47	28	56	19	38	-3	.3	.2	.1	1.0	100	82	45	0	0	6	2		
NV	46	21	52	9	33	-4	.3	.1	.3	.8	53	76	37	0	0	6	2		
NH	46	21	52	9	33	-4	.3	.1	.3	.8	53	76	37	0	0	6	2		
NH	42	28	52	20	35	-4	T	1.0	T	5.1	65	72	37	0	0	5	1		
NH	42	28	52	20	35	-4	T	1.0	T	5.7	66	69	35	0	0	4	1		
NJ	53	32	69	21	42	-5	T	1.0	T	6.4	85	---	---	0	0	1	0		
NJ	51	36	68	30	44	-4	T	.8	T	6.4	85	---	---	0	0	2	0		
NM	61	34	73	26	48	3	.1	0	.1	2.0	118	63	29	0	0	2	3		
NM	59	36	76	28	48	0	.6	.5	.4	7.2	232	---	---	0	0	2	3		
NY	59	36	76	28	48	0	.6	.5	.4	7.2	232	---	---	0	0	2	3		
NY	42	28	51	19	35	-5	T	.6	T	4.9	67	69	45	0	0	6	1		
NY	48	26	51	18	32	-7	.2	.6	.1	6.5	84	79	65	0	0	6	4		
NY	40	34	56	25	37	-3	.3	.6	.3	9.8	117	68	56	0	0	5	1		
NY	50	37	66	32	43	-5	T	.9	T	4.9	60	64	43	0	0	4	2		
NY	43	32	54	21	37	-4	.2	.5	.2	8.0	121	76	56	0	0	4	2		
NY	42	30	55	21	36	-6	.1	.7	.1	7.2	96	72	51	0	0	6	3		
NC	42	30	55	21	36	-6	.1	.7	.1	7.2	96	72	51	0	0	6	3		
NC	65	39	71	26	52	5	.7	0	.7	7.8	93	82	44	0	0	2	1		
NC	64	42	75	33	53	1	.9	.3	.9	8.7	116	74	43	0	0	2	1		
NC	64	42	75	33	53	1	.9	.3	.9	8.7	116	74	43	0	0	2	1		
NC	61	38	70	28	50	1	.3	.3	.2	6.0	77	77	46	0	0	2	2		
NC	59	44	68	36	51	-5	.3	.8	.3	8.1	62	76	56	0	0	0	0		
NC	66	40	78	28	53	2	.2	.4	.2	6.5	82	77	41	0	0	2	1		
NC	59	44	68	36	51	-5	.3	.8	.3	8.1	62	76	56	0	0	0	0		
NC	64	39	77	30	52	-4	.1	.6	.1	7.6	72	84	49	0	0	2	1		
ND	64	39	77	30	52	-4	.1	.6	.1	7.6	72	84	49	0	0	2	1		
ND	40	23	44	11	32	2	.1	0	.1	3.5	152	91	59	0	0	6	1		
ND	38	24	44	15	31	2	T	.2	T	3.6	106	81	62	0	0	6	1		
ND	36	18	48	4	27	-2	.4	.3	.3	4.4	220	97	72	0	0	6	2		
OH	47	33	59	26	40	-2	.2	.4	.1	4.2	66	58	44	0	0	4	1		
OH	47	33	59	26	40	-2	.2	.4	.1	4.2	66	58	44	0	0	4	1		
OH	49	31	65	22	40	-4	.1	.6	.1	5.6	87	81	44	0	0	2	1		
OH	47	34	63	28	41	-2	.2	.5	.2	5.7	83	60	52	0	0	4	1		
OH	49	31	65	22	40	-4	.1	.6	.1	5.6	87	81	44	0	0	2	1		
OH	47	34	63	28	41	-2	.2	.5	.2	5.7	83	60	52	0	0	4	1		
OH	49	31	65	22	40	-4	.1	.6	.1	5.6	87	81	44	0	0	2	1		
OH	47	34	63	28	41	-2	.2	.5	.2	5.7	83	60	52	0	0	4	1		
OH	50	32	64	21	41	-1	T	.6	T	4.6	82	56	42	0	0	6	1		
OH	48	28	62	19	38	-4	.1	.5	.1	4.1	73	77	44	0	0	5	2		
OH	45	27	64	16	36	-4	.4	.2	.4	4.0	68	82	50	0	0	5	2		
OH	45	27	64	16	36	-4	.4	.2	.4	4.0	68	82	50	0	0	5	2		
OH	44	30	58	22	37	-4	.2	.5	.2	7.0	99	68	54	0	0	5	2		

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending Nov. 16, 1980

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	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMPERATURE °F		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK OKLAHOMA CITY	61	44	81	33	53	3	.2	.2	.1	3.4	49	79	58	0	0	2	0		
OK TULSA	62	44	80	35	53	3	.3	.1	.2	5.8	69	76	58	0	0	3	0		
OR ASTORIA	54	39	56	33	46	0	.8	.5	12.1	82	81	58	0	0	0	0			
OR BURNS	39	18	46	12	28	-8	.4	.4	1.8	86	90	49	0	0	7	0			
OR MEDFORD	48	30	52	25	39	-5	.7	.7	2.9	67	99	62	0	0	1	0			
OR PENDLETON	39	31	49	29	35	-6	.2	.2	2.6	100	92	70	0	0	7	0			
OR PORTLAND	49	37	53	33	43	-2	.2	.1	6.8	84	85	63	0	0	1	0			
OR SALEM	49	31	54	24	40	-5	.1	.1	5.3	61	97	65	0	0	6	0			
PA ALLENTOWN	50	36	59	26	43	0	.0	.8	5.7	70	56	40	0	0	1	0			
PA ERIE	42	33	57	27	38	-5	.4	.5	13.1	151	--	--	0	0	3	0			
PA HARRISBURG	50	34	58	27	42	-3	.4	.8	4.5	64	55	36	0	0	2	0			
PA PHILADELPHIA	52	36	69	28	44	-3	.1	.8	115	57	36	45	0	0	1	0			
PA PITTSBURGH	47	32	60	28	40	-2	.1	.5	4.2	64	67	45	0	0	5	0			
PA SCRANTON	44	31	60	23	37	-4	.0	.7	4.2	59	65	43	0	0	2	0			
RI PROVIDENCE	50	34	63	29	42	-2	.0	1.1	4.9	55	60	32	0	0	5	0			
SC CHARLESTON	69	47	79	37	58	1	.6	.1	5.0	53	74	47	0	0	2	1			
SC COLUMBIA	69	40	79	28	55	0	.2	.3	9.5	114	91	44	0	0	1	0			
SC GREENVILLE	65	43	73	33	54	3	.9	.2	10.6	125	70	43	0	0	0	1			
SD ABERDEEN	40	24	46	12	32	1	.1	.1	2.4	75	82	58	0	0	1	0			
SD HURON	39	24	46	12	31	-2	.1	.0	1.6	43	88	67	0	0	5	0			
SD RAPID CITY	39	26	53	17	32	-4	.5	.4	3.2	139	91	63	0	0	6	0			
SD SIOUX FALLS	41	27	47	19	34	0	.1	.2	2.2	46	79	54	0	0	5	0			
TN CHATTANOOGA	65	44	75	30	54	5	1.4	.5	1.2	7.5	88	78	46	0	0	3	1		
TN KNOXVILLE	60	41	70	32	50	1	.9	.1	5.3	73	81	49	0	0	2	1			
TN MEMPHIS	66	48	78	42	57	6	2.4	1.5	10.9	143	76	46	0	0	3	3			
TN NASHVILLE	62	41	74	34	52	3	.6	.2	2.9	40	65	40	0	0	1	0			
TX ABILENE	64	45	83	32	55	0	1.4	1.1	8.3	146	79	41	0	0	3	3			
TX AMARILLO	56	35	78	26	46	-1	.4	.3	2.4	60	85	48	0	0	3	2			
TX AUSTIN	72	52	83	44	62	3	2.1	1.6	9.1	115	84	45	0	0	0	1			
TX BEAUMONT	74	57	81	50	65	4	3.1	2.1	32.3	288	87	63	0	0	2	2			
TX BROWNSVILLE	78	60	84	50	69	0	.1	.2	4.1	44	88	55	0	0	2	0			
TX CORPUS CHRISTI	75	57	83	48	66	1	.1	.3	7.3	86	86	58	0	0	0	1			
TX DEL RIO	68	53	80	40	61	1	1.4	1.3	1.2	3.3	58	78	47	0	0	2	2		
TX EL PASO	66	40	80	32	53	1	.7	.6	3.5	159	75	35	0	0	2	1			
TX FORT WORTH	68	48	85	39	58	2	.9	.4	8.5	121	75	44	0	0	1	0			
TX GALVESTON	67	60	74	48	64	0	.2	.5	5.5	54	90	72	0	0	0	1			
TX HOUSTON	75	54	85	47	65	3	.3	.6	10.3	95	85	50	0	0	2	0			
TX LUBBOCK	58	41	79	28	50	1	1.1	1.0	4.8	102	85	55	0	0	1	0			
TX MIDLAND	60	40	77	29	50	-4	.4	.3	10.1	289	84	55	0	0	2	2			
TX SAN ANGELO	68	45	85	34	57	1	2.0	1.8	1.5	13.1	252	78	49	0	0	0	2		
TX SAN ANTONIO	74	54	84	43	64	4	2.0	1.6	8.1	107	80	45	0	0	2	2			
TX VICTORIA	74	54	83	48	64	1	.2	.4	7.2	75	89	56	0	0	0	1			
TX WACO	71	48	83	44	60	2	1.3	.7	6.6	4.3	60	76	46	0	0	3	1		
TX WICHITA FALLS	62	44	80	31	53	1	1.2	.9	1.0	13.0	200	87	56	0	0	2	1		
UT BLANDING	55	31	68	17	43	4	.2	.2	1.9	66	64	27	0	0	3	0			
UT SALT LAKE CITY	50	31	64	22	41	1	.5	.2	3.0	115	77	44	0	0	3	1			
VT BURLINGTON	36	25	43	16	30	-8	.1	.6	7.8	107	89	65	0	0	7	3			
VA LYNCHBURG	59	36	69	29	47	0	.1	.5	5.3	72	75	--	0	0	3	2			
VA NORFOLK	60	43	73	37	51	-1	.1	.7	6.1	70	64	41	0	0	0	0			
VA RICHMOND	60	35	71	29	48	-2	.1	.7	9.9	121	75	33	0	0	3	2			
VA ROANOKE	59	37	69	30	48	1	.1	.5	4.4	54	68	42	0	0	2	0			
WA COLVILLE	38	24	47	17	31	-4	.2	.3	--	--	--	--	0	0	6	0			
WA OMAK	42	29	47	22	35	0	.0	--	--	--	--	--	0	0	6	0			
WA QUILLAYUTE	52	33	56	29	43	-2	.9	2.3	6.6	22.6	94	99	0	0	3	3			
WA SEATTLE-TACOMA	47	36	51	31	41	-4	.1	1.3	6.5	71	85	71	0	0	2	1			
WA SPOKANE	36	23	41	16	30	-6	.1	.5	2.3	70	96	73	0	0	7	0			
WA WALLA-WALLA	41	34	52	33	38	-5	.1	.3	6.4	194	92	77	0	0	0	0			
WA YAKIMA	44	27	52	21	36	-3	.1	.2	1.7	121	91	61	0	0	6	1			
WV BECKLEY	50	30	66	20	40	-2	.1	.6	3.9	53	69	45	0	0	5	3			
WV CHARLESTON	54	30	70	22	42	-4	.1	.5	4.7	68	83	43	0	0	5	3			
WV HUNTINGTON	53	33	64	23	43	-3	.1	.6	3.6	56	75	44	0	0	3	2			
WV PARKERSBURG	51	31	65	24	41	-5	.1	.6	4.0	65	77	48	0	0	5	2			
WI GREEN BAY	39	28	43	20	33	-1	.3	.2	5.8	92	82	65	0	0	6	2			
WI LA CROSSE	39	27	41	24	34	-3	.1	.3	11.1	179	75	37	0	0	2	2			
WI MADISON	41	23	50	17	32	-3	.9	.4	10.0	156	71	53	0	0	7	2			
WI MILWAUKEE	42	31	54	25	36	-1	.8	.3	6.3	102	71	55	0	0	5	4			
WY CASPER	35	17	64	5	26	-8	.7	.6	1.4	67	81	53	0	0	7	4			
WY CHEYENNE	44	19	67	4	31	-4	.3	.2	1.8	82	74	44	0	0	7	3			
WY LANDER	34	18	54	2	26	-6	.6	.4	2.3	79	86	56	0	0	7	3			
WY SHERIDAN	38	21	54	6	29	-4	.4	.2	2.8	100	86	54	0	0	5	2			
PR SAN JUAN	88	76	89	75	82	3	.2	1.1	2	11.8	80	85	57	0	0	1	0		

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 ESS State offices in cooperation with the National Weather Service.

ALABAMA: Temperatures 6° above normal. General rain over weekend, heaviest in north, slight in coastal Plain area.

Fieldwork: 5.6 days. Soil moisture mostly adequate. Activities: Harvest, sowing small grains, plowing, chores, care of livestock and poultry. Soybeans harvested 86%, 80% 1979, 76% average. Cotton harvested 96%, 64% 1979, 72% average. Peanuts combined 100%. Sorghum harvested 97%, 89% 1979. Wheat seeded 81%, 81% 1979, 85% average. Condition: Pastures, pecans poor to fair; wheat fair.

ARIZONA: Fair, partly cloudy, some precipitation southeast and White Mountains. Early winter storm developed southeast and produced 0.10 to over 0.50 in. rain in southeast, up to 5.00 in. snow in White Mountains. Mild weather continued midweek but cooler air spread over State weekend. Average temperatures were 1 to 6° above normal.

Cotton harvest continues to lag behind normal, 50% expected production picked compared to 70% last year and average of 64%. Some farmers continue to wait for top crop to open prior to first picking fields. Defoliants being applied. Stalk shredding, discing more active. Double cropped sorghum harvest in progress. Corn harvest virtually over. Crown development progressing sugarbeets. Some alfalfa fields being grazed by sheep. Renovation old acreage, planting new fields continue. Ground preparation planting of small grains in progress. Lettuce harvest approaching full volume central areas, gaining momentum western areas. Harvest mixed vegetables making good progress. Few honeydews remain. Cantaloup harvest complete. Planting lettuce, other mixed vegetables, winter, spring harvest still active. Citrus harvest active, groves mostly good condition. New crop fruit sizing, coloring well. Improvement reported rangeland. Northern, central areas fair. Southern Desert poor to very poor. Livestock fair. Water adequate northern counties, short central, southern areas.

ARKANSAS: Warm, dry weather early week; cool, rainy end of week. Highest temperature 80°, lowest 23°. All departures 0 to +4°. Most rainfall 2.97 in., least 0.26 in.

Fieldwork possible 6 days. Soil moisture adequate. Soybeans 76% harvested, 88% 1979, 78% average. Soybeans yellowing 99%, shedding 96%, mature 94%. Cotton 97% harvested, 79% 1979, 84% average. Rice 100% harvested, 100% 1979, 100% average. Oats 92% planted, 84% 1979, 81% average. Wheat 85% planted, 89% 1979, 81% average. Livestock fair condition. Treatment for lice. Pastures supplying near normal feed requirements.

CALIFORNIA: A couple of weak disturbances brought a smattering of light precipitation. Amounts were only a few to several hundredths of an inch generally. The north coast mountains near the Oregon border had totals around 0.25 in. After a few weeks of temperatures above normal, this week generally had weekly means a few degrees below normal. Only the Desert area was above normal. Freezing temperatures spread

south to the northern San Joaquin Valley and the central coast valleys.

Cotton harvest 75% complete. Rice harvest complete with stubble burning very active. Winter wheat 27% planted, 2% emerged. Dry bean and field corn harvest in final stages. Milo and alfalfa hay harvests active. Barley planting picking up. Pruning, fertilizing and irrigating major fruit field activities. Emperor, Calmeria table grape harvest continued. Harvest avocados began Ventura district. Kiwi harvest continued. Navel orange harvest increasing. Broccoli harvest heavy central coast; increasing San Joaquin Valley. Desert cantaloup harvest near end. Carrots moderate volume Kern district, central coast. Cauliflower harvest slowing slightly with cooler weather. Celery past peak central coast; increasing slowly south coast. Lettuce past peak San Joaquin Valley; increasing Palo Verde Valley. Bell pepper harvest virtually complete central California; some volume continues south coast. Steady potato movement Tulelake from storage. Some movement from Stockton, mostly seed. Ranges dry, supplemental feeding necessary most areas. Moisture needed to start grasses growing. Stock water supplies short some areas. Lambing active. Movement bee hives San Joaquin Valley for overwintering continues.

COLORADO: Fair skies and very warm until midweek. Storm system entered west midweek and continued east through balance of week. Precipitation limited to under 0.50 in. most areas. Temperatures near record highs for date early in week. Lower for balance of week. But 5 to 10° above normal for averages.

Corn grain harvested 95%, 84% 1979, 94% average. Sorghum grain harvested 98%, 76% 1979, 94% average. Sugarbeets harvested 98%, 97% 1979, 99% average. Ranges and pastures fair condition. Livestock good condition. Five and one-half days suitable for fieldwork.

FLORIDA: An unusual week for November. Tropical storm Jeanne wandered up through the Gulf of Mexico. A strong high pressure ridge pressed south into the State. Tropical moisture returned, breaking the dry spell in the northern half of the State and bringing record rains to the Key West area. Freezing temperatures were reported around the Defuniak Springs area, 12th and 13th, while the south averaged 3 to 5° above normal. Dry weather conditions occurred midweek with the interaction of the tropical storm in the Gulf and the strong high pressure over the east. Rains spread over all areas late week. Rainfall totals excess of 4.00 in. were reported along the lower east coast. Spots across central Florida had rains excess of 2.00 in. Almost all areas had at least 0.25 to 0.50 in.

Soil moisture mostly short except parts of south until showers moved in late in week and brought relief to most areas. Soybean harvest active, nearing completion Panhandle. Yields variable, mostly below average. Some hay cut during week but generally finished. Sugarcane harvest continues, slowed by wet weather. Yields very good. Small grain planting continues, but slowed due to moisture shortage;

early plantings good growth. Pastures poor to fair. Winter grazing planting slowed due to inadequate soil moisture. Cattle fair to good condition. Citrus grove condition improved with weekend rains. Irrigation slowed. Fruit droppage not excessive to date. Harvest continues to increase for all fresh market early varieties. Overall vegetable shipments up 12 percent. Crops gaining were snap beans, cabbage, carrots, celery, chinese cabbage, cucumbers, eggplant, escarole, lettuce, parsley, green peppers, squash and tomatoes. Shipments sweet corn declined. Radish movement held steady. Yields, quality are good, most crops. Movement continues light for cabbage, carrots, celery, chinese cabbage. Strawberries making good growth.

GEORGIA: Temperatures near normal south and east, and 5 to 8° above normal elsewhere, despite cooler weather late in week. Rainfall widespread 15th and 16th, much heavier over north. Amounts 1.00 in. to 1.50 in. northwest to less than 0.10 in. southeast.

Soil moisture short to adequate. Fall harvest and small grain seeding active. Six days suitable for fieldwork. Corn harvest practically complete, 99% harvested, 96% last year, average 94%. Soybeans poor to fair, 100% setting pods, 95% dropping leaves, harvested 56%, last year 64%, average 63%. Peanuts poor to fair, 99% dug, last year and average 100%, 99% threshed, last year and average 100%. Cotton poor to fair, 100% bolls open, 99% last year, 97% harvested, 83% last year and 76% average. Apple harvest 99% complete, 100% last year. Pecans mostly fair to good, 43% harvested, 46% last year, 51% average. Wheat seeded 52%, 67% last year, 68% average. Rye 81% planted, last year 80%, average 79%. Other small grains seeded 75%, same as last year, 76% average. Pastures and hay crops poor to fair. Cattle and hogs fair to good.

HAWAII: Weather favorable for crop growth. Rains beneficial to most agricultural sectors.

Spraying for diseases and insects continues all crop areas. Vegetable supplies adequate. Snap bean harvest will continue to be very light. Bananas; some fields in active harvest. Papayas; steady harvesting expected. Moderate supplies. Rains beneficial to fields. Sugar; some mills closed for annual repairs. Pastures; generally favorable. Rains added moisture some areas.

IDAHO: General cooling trend through the week. Pacific frontal system brought precipitation to west early in the week and eastern areas at the end of the week. Snow above 4,000 ft. Temperatures range from 67 to -4°.

Fall plowing, routine farm chores and machinery maintenance most active. Late potato harvest finished. Sugarbeet harvest near completion. Corn for grain harvest still active in southwest. Other activities include meetings, hunting and taking down political billboards. Cattle and sheep on winter pasture and stubble fields. Feed supply is good.

ILLINOIS: Temperatures near normal. Precipitation 0.10 to 0.30 in. most areas, 0.60 in extreme northwest.

Soil moisture 65% short, 35% adequate. Corn 98% harvested, 91% 1979, 92% average. Winter wheat 97% emerged, 95% 1979; condition 9% excellent, 72% good, 19% fair. Plowing 1981 corn and soybean acreage 71% complete, 57% 1979,

53% average. Pastures 1% excellent, 28% good, 59% fair, 12% poor; supplying 32% of livestock roughage requirements, 29% 1979, 41% average. Fieldwork: 6.5 days suitable.

INDIANA: Cool, dry, cloudy week. Air and soil temperatures, precipitation, humidity and solar radiation, all below normal. Temperatures ranged from 18 to 71°. Precipitation averaged 0.20 in. northern third, 0.10 in. elsewhere.

Fieldwork averaged 7 days. Topsoil moisture short. Subsoil moisture short to adequate. Corn 98% harvested, 1979 85%, average 80%. Corn moisture 17%. Soybeans 100% harvested, 1979 97%, average 95%. Spring cropland 60% plowed, 1979 35%, average 35%. Wheat 100% seeded. Wheat 93% emerged, 1979 87%, average 85%. Wheat condition fair to mostly good. Tobacco 20% stripped, 1979 25%.

IOWA: Seasonal week with temperatures near or slightly above normal and precipitation light west to near normal in other districts. Precipitation fell primarily on the 13th.

Corn acreage harvested: 100%, 1979 76%, normal 92%. Soybean acreage harvested: 100%, 1979 100%, normal 98%.

KANSAS: Precipitation averaged 0.25 to 0.50 in. east to less than 0.10 in. west. Temperatures averaged 39° northwest to 50° south central and southeast or 1° below normal northwest to 3 to 6° above normal elsewhere.

Corn harvested 99%, last year 90%, average 95%. Sorghum harvested 95%, last year and average 85%. Cattle grazing stubble and volunteer wheat. Wheat planted 99%, last year 95%, average 98%, emergence is 95%, last year 80%. Winter barley planted 99%, last year 95%, average 98%. Movement to wheat pasture slow, greenbugs infesting small grains. Feed grains adequate. Fieldwork: 6.0 days suitable.

KENTUCKY: Rainfall averaged about 1.00 in. over the south and less than 0.10 in. over north. Temperatures were about 2° warmer than normal.

Harvest of corn and soybeans nearing completion. Corn 98% harvested, 90% last year and average. Soybeans 96% harvested, 90% last year, 86% average. Rain and higher humidity later in period favorable for tobacco stripping. Markets to open November 24th. Wheat seeding virtually complete, wheat condition fair to good. Soil moisture short to adequate.

LOUISIANA: Rains Statewide. Temperatures 3 to 7° above normal. Extremes: 36 and 84°.

Soil moisture short to adequate, but helped by weekend rains. Fieldwork: 6.3 days suitable. Cotton harvested 99%, 82% 1979, 85% average. Soybeans harvested 93%, 94% 1979, 92% average. Sugarcane fair to good, harvested 39%, 53% 1979, 49% average. Vegetables fair. Sweetpotatoes harvested 98%, 96% 1979. Pecans harvested 44%, 56% 1979. Pastures poor to fair. Wheat planted 87%, 92% 1979, 88% average, emerged 64%. Livestock fair. Supplemental feeding continues.

MARYLAND AND DELAWARE: Temperatures averaged 2 to 3° above normal. Highs upper 50's to low 60's. Lows upper 30's to low 40's.

Soybeans 75% harvested, 65% last year, 70% average. Corn 96% harvested. Oats and barley seedings complete; rye 95% seeded; wheat 90%. Soil moisture short to mostly adequate. Fieldwork: 6.5 days suitable.

MICHIGAN: Temperatures ranged 3 to 5° below normal. Precipitation light averaging 0.60 in. Upper and 0.20 in. to 0.50 in. Lower. Light snow in Upper.

Fall harvest remained active but slowed by rain and snow in northern areas. Soil moisture adequate to surplus. Corn for grain 85% picked, 65% last year, 81% normal. Harvest moisture 23%. Soybeans 95% harvested, 94% last year, 92% normal. Winter wheat growth slowed by cool weather, stands rated good. Fall plowing 41% complete, 36% last year, 43% normal. Apple harvest complete.

MINNESOTA: Temperatures averaged 2° above normal northwest and central, 3° below normal elsewhere. Extremes: 55° at Winnebago; 2° below at International Falls. Precipitation averaged 0.10 in. above normal most of extreme north, 0.20 in. below normal elsewhere. Precipitation totals 0.02 in. to 0.56 in. extreme north and east central, less than 0.15 in. elsewhere. Snowfall this week: 1 to 6 in. extreme north, less than 0.50 in. elsewhere.

MISSISSIPPI: Temperatures about 4° above normal. Extremes: 26 and 82°. Rainfall widespread during weekend. Greatest 24-hour rainfall 5.65 in.

Soil moisture adequate. Fieldwork: 5.4 days suitable. Cotton 97% harvested, 73% 1979, 79% average. Soybeans 81% harvested, 84% 1979, 79% average. Corn 99% harvested, 96% 1979, 93% average. Sweetpotatoes 96% harvested, 99% 1979. Pecans 43% harvested, 49% 1979, 51% average. Winter wheat condition good to fair; 81% planted, 84% 1979, 85% average. Pasture poor to fair. Livestock fair condition.

MISSOURI: Temperatures were well above normal. Light to moderate amounts of precipitation fell late in the week.

Fieldwork: 5.7 days suitable. Grain sorghum 97% harvested, last year 99%, normal 64%. Soybeans 97% harvested, last year 95%, normal 85%. Winter wheat 95% seeded, last year 92%. Cotton 96% harvested, last year 91%, normal 84%. Fall plowing 61% completed, last year 47%. Condition of pasture poor to fair. Condition of winter wheat fair to good. Topsoil moisture supply short to adequate.

MONTANA: Light precipitation midweek. Some areas over southwest and south central received moderate amounts of precipitation. Week began warm but turned cold. Temperatures averaged 7° below normal over southwest, 6° below in south central, 2° above normal in northeast. First subzero temperatures of season recorded. Highest 57° at Broadus, lowest -8° at Wisdom.

Topsoil moisture mostly adequate. Subsoil moisture short east and southwest, adequate elsewhere. Winter wheat condition good except fair north central and fair to good southeast. Some light wind damage reported most areas. About half of the cattle and sheep are getting supplemental feed in east, about 30% in central, and about 10% in the west. Winter pastures and ranges good except east is poor to fair.

NEBRASKA: Temperatures near normal. Precipitation widespread but light.

Corn harvest 96%, 80% last year, 85% normal. Soybean harvest 100%, same as last year, 96% normal. Sorghum harvest 100%, 90% last year, 95% normal. Wheat condition mostly fair to good. Additional moisture needed. Topsoil

moisture mostly short to adequate. Subsoil supplies mostly short. Pasture and range feed supplies mostly short to adequate. Wheat and fall crop residues continue to be utilized. Days suitable: 5.5.

NEVADA: Low pressure system midweek brought mild temperatures and moderate precipitation. Snow fell at higher elevations, ranging up to a half foot some eastern areas. Dry, cooler air end of week. Temperatures averaged slightly below normal north, few degrees above normal south. Extremes: 82 and 10°.

Cotton harvest beginning. Grading and marketing potatoes active. Livestock good shape.

NEW ENGLAND: Temperatures near normal. Small storm system left 0.25 to 0.50 in. of moisture over southern and central parts early week. Frequent flurries and snow squalls north.

NEW JERSEY: Temperatures 1 to 2° below normal, averaging 41° north, 46° south and 47° coastal areas. Extremes: 22° at Newton and 70° at Long Branch. Precipitation was below normal, averaging 0.38 in. north, 0.18 in. south and 0.09 in. coastal sections.

Topsoil moisture adequate to short but subsoil moisture very short. Fall seeded grains and cover crops could use rain in some areas. Harvest of field corn and soybeans nearing completion. Some fruit pruning in progress.

NEW MEXICO: Soil moisture short supply most areas. Adequate supply southern and mountain regions. Moderate to severe freezes most areas. Outside activities halted by snows over weekend all areas except the northwestern areas. Cotton harvest continued active all areas until halted by snow. Harvest approximately 40% complete. Wheat and barley in good condition as grazing activity continued to increase. Grain sorghum harvest 80% complete. Red chile harvest continuing as fall lettuce nearing completion. Limited pecan harvest just getting underway as hulls continue to open. Ranges continue poor to fair condition. Livestock good condition with shipments of lambs and calves continuing.

NEW YORK: Below normal average temperatures ranged from the mid 20's in the Adirondacks to the mid 30's in most other areas except southeast, where temperatures rose to the 40's. Precipitation light most areas except for north country. The mountains in the north reported 1 to 5 in. of new snow.

NORTH CAROLINA: Temperatures 2 to 5° above normal. Precipitation averaged 0.25 to 0.75 in.

Fieldwork: 6.1 days suitable. Soil moisture: 59% adequate, 40% short, 1% very short. Conditions: Wheat, oats, barley, rye good but declining; pastures fair to good, declining. Harvested: Cotton 93%, 1979 65%, average 67%; sweetpotatoes 97%; sorghum 87%, 1979 86%, average 86%; soybeans 46%, 1979 45%, average 42%; corn for grain 97%, 1979 94%, average 94%; peanuts dug 99%; peanuts threshed 97%; apples 98%. Planted: Wheat 83%, average 73%; oats 89%, 1979 89%; barley 89%, 1979 92%; rye 79%, 1979 86%. Soybeans leaves dropped 90%, 1979 89%.

NORTH DAKOTA: Two to four inches of snow blanketed northern areas on the 13th with southern portions receiving small amounts of

mixed rain and snow. Temperatures averaged near normal. Extremes: 4 to 49°.

It was generally a slow week for harvest with little progress taking place in northern areas where progress has been slow this season for both small grains and row crops. Snow mostly melted. Field conditions in north central areas still very wet with little tillage or fertilizer application done. Some additional crop abandonment possible. Ground freeze starting in most northern areas. Roads in fair condition in areas receiving snow. Precipitation very beneficial for southwest corner. Calf marketing continues heavy at some sale rings. Ranchers continue to move in hay. Some fall tillage and fertilizer application continuing, where conditions permit.

OHIO: Week began on a chilly note. Minimum temperatures were in the low 20's. By midweek lows climbed to around freezing and highs jumped from the 40's into the 60's. By the weekend they were back into the 40's once again. Average highs were from 2 to 7° below normal. Average lows were in the low 30's, as much as 3° below normal. Precipitation was light. Less than 0.10 in. fell at most stations. Rainfall averaged from 0.40 to 0.60 in. below normal.

Corn harvested 98%, 80% 1979, 85% average. Soybeans harvested 100%, 96% 1979, 99% average. Wheat emerged 95%, 85% 1979.

OKLAHOMA: Weekly temperatures averaged near normal southern third and 1 to 3° above normal remainder of State. Late week and weekend temperatures turned much colder. Precipitation received Statewide ranging 0.11 in. Panhandle division to 1.40 in. southeast division.

Some much needed precipitation received many areas beneficial to growth and development of small grains and cool season grasses. However, additional moisture still needed. Wheat up-to-stand 70%, 65% 1979, 90% average. Sorghum 90% harvested, 80% last year, and 75% average. Cotton harvested 55% 1980, 25% 1979, and 20% average. Some gins are operating around the clock. Days suitable fieldwork: 6.3.

OREGON: Near normal temperatures for the week, with thermometer dipping slightly below normal east of Cascades. The week began and ended on a wet note; clear weather prevailed in the middle of the week. Coastal stations received an average of 1.50 in. of precipitation; the northern Cascades over 3.00 in. The rest of the State received from 0.20 to 0.50 in. of precipitation.

Soil moisture supplies mostly adequate. Winter wheat condition good; some plantings still to go in; 87% emerged; 80% last year. Fall spraying and fertilization; fields too wet for most fieldwork. Fruit sprays going on for rodents and gophers. Potato harvest virtually complete. Livestock condition good. Range and pastures continue to improve with moisture. Feed supplies adequate.

PENNSYLVANIA: Cool and dry most of week with strong blustery winds first three days. Temperatures 2 to 7° below normal with extremes 69 and 9°. Precipitation 0.10 in. or less except Erie area where 0.30 in. up to 1 in. snowfall northeast mountains.

Five days suitable. Soil moisture short to adequate. Activities: harvesting corn and soybeans; hauling manure; chopping fodder; spreading lime; and general farm chores. Soybean

harvest virtually complete, last year 59%. Corn 91% harvested. Last year 70% harvested. Average 69% harvested. Fourth cutting alfalfa virtually complete, same as last year. Hay quality good to fair. Feed from pasture below average to average.

PUERTO RICO: Island average rainfall 0.10 in. or 1.36 in. below normal. Highest weekly total 1.46 in. Temperatures averaged about 80° on coasts and 75 to 76° interior divisions. Extremes: 94 and 54°.

SOUTH CAROLINA: Temperatures averaged generally near, or above normal. General frost midweek except immediate coastline. General rainfall near end although mostly light.

Soil moisture near adequate. Days available for fieldwork: 5.5. Cotton harvest 94% harvested, 89 last year, 84 average. Soybean maturity held up by some second growth, 79% behind 96 last year, 95 average. Considerable harvesting progress, now 30%, 39 year ago, 45 average, condition poor with most yields down around 10 to 20 bushels per acre range. Livestock condition fair to good. Pastures fair. Winter grazing fair to good with 93% planted, 91 last year; 84% emerged, 86 last year, 91 average. Wheat acreage up sharply from 1979, fair to good condition, 61% planted, 65 year ago, 59 average; emerging and growing generally favorably well in weather.

SOUTH DAKOTA: Cool and cloudy conditions prevailed. Average temperatures were generally in the low to mid-30's and ranged from normal to 6° below normal. Highest reported temperature was 63° at Vermillion on the 10th, while the coldest reported temperature was 11° at several locations in the northeast on the 15th. Snow fell over much of the State, with the heaviest amounts in the Black Hills and central parts of the State. Over 8 in. fell at Lead in the Black Hills, and 4 to 6 in. amounts were common through the central part of the State as far east as Highmore and Wessington. Snowfall amounts elsewhere were from a trace to around an inch. The largest reported precipitation amounts were 0.68 in. at Martin and Murdo, and 0.65 in. at Cottonwood.

Corn for grain harvested 99%, 78% 1979, 92% average. Grain sorghum harvested 98%, 91% 1979, 94% average.

TENNESSEE: Clear, dry weather through midweek. Cold front brought rain 14th through 16th. Amounts averaged near 0.50 in. Temperatures averaged 3° above normal.

Fieldwork: 5.7 days suitable. Activities: harvesting corn, cotton, beans; seeding small grains; stripping tobacco. Soil moisture 86% short, 13% adequate, 1% surplus. Pastures 73% poor, 23% fair, cattle fair. Corn 97% harvested, 1979 87%, average 77%. Cotton 98% harvested, 1979 65%, average 72%. Soybeans 96% combined, 1979 82%, average 70%. Burley tobacco 60% stripped, 1979 71%, average 67%. Fall plowing 90% complete, 1979 89%, average 86%. Winter wheat 94% seeded, 1979 87%, average 83%.

TEXAS: Weather: A strong cold front and upper air system triggered heavy snows west Texas; Rain, drizzle eastern half State. Mean temperatures 2 to 4° above normal north, central, far south Texas; 6° above normal west Texas, Lower Valley; 5° below normal east Texas. Precipitation above normal throughout all but southern tip, lower coastal areas.

Commercial Vegetables: Lower Rio Grande Valley harvesting bell peppers, cabbage, carrots, cucumbers. Shipments of peppers, cucumbers light. Citrus harvest steady. Coastal Bend, moisture needed. Cucumber harvest picked up, markets strengthened. San Antonio-Winter Garden area, harvest of cabbage active, spinach in good condition. Onions progressing well. East Texas, remaining sweetpotato harvest active, quality, size of sweetpotatoes affected by dry conditions. Trans-Pecos begin harvest of chili peppers, cabbage, lettuce. Seeding onions, carrots steady. Pecan harvest picked up pace. Harvested trees yielded light nuts, quality below previous years.

Range and livestock: Cool temperatures, dry conditions slowed growth of pastures. Moisture needed to promote winter growth. Pastures short, providing little grazing. Supplemental feeding continued. Cattle fair to good.

Crops: Cotton harvested 59%, 44% 1979, 46% average. Sorghum harvested for grain 99%, 95% 1979, 97% average. Wheat planted all purposes 89%, 94% 1979, 94% average. Wheat emerged 82%, 73% 1979. Corn for grain harvested 100%, 100% 1979, 100% average. Peanuts harvested 68%, 100% 1979, 93% average. Soybeans harvested 75%, 88% 1979, 86% average. Sugarbeets harvested 35%, 75% 1979, 75% average. Pecans harvested 21%, 28% 1979, 32% average. Sunflowers harvested 76%, 99% 1979, 93% average.

Warm, dry weather early week favorable conditions harvesting, seedbed preparation. Rain, snow brought field operations standstill. Cotton harvest High Plains active early week; high humidity, damp weather slowed stripping operations. Southern counties Panhandle, waiting second growth dry before harvest. Sorghum harvest winding down, many harvested fields being grazed. Corn harvest complete. High Plains harvested fields being grazed. Small grain planting active. Dryland fields suffering lack moisture. Wheat providing limited grazing. Rain, snow Panhandle provide needed moisture small grains. Wheat condition 7% excellent; 34% good; 36% fair; 23% poor. Peanuts harvest progressed rapidly; quality, yield remain poor. Soybean harvest gained momentum. Yield, quality below normal. Hay season virtually complete; light cuttings Trans-Pecos, Edwards Plateau.

UTAH: Active cold front moved across much of State. Accumulated amounts moisture extremely variable ranging from little or none to locally heavy. Cooling trend in temperatures latter part period but averages well above normal. Averages ranged from between 2 and 12° above.

Corn for grain harvest continued as weather permits. Most public dryers in operation. Apple sorting and marketing continued. Turkey slaughter and processing continued. Breeding range ewes for spring lambing continued.

VIRGINIA: Fluctuating temperatures, average near 50°, slightly above normal. Extremes: mid 70's to upper teens. Rainfall light averaging less than 0.10 in. occurring mainly last of period. Open weather speeded fall harvests.

Topsoil moisture short to adequate. Fieldwork: 5.7 days available. Harvest progress: Corn 93%, 85% 1979, 87% average; soybeans 60%, 60% 1979, 65% usual; grain sorghum 75%, 65% 1979. Wheat 85% seeded, 75% 1979, 79% average. Pastures, winter grains mostly fair. Forage from grazing: Dairy cattle 20%, 28% 1979, 25% average; beef cattle 67%, 87% 1979,

73% usual; sheep 80%, 94% 1979, 80% average. Livestock watering supplies critically low several localities. Other tasks: Plowing, fertilizing, liming, calving, fencing, repairing roads, hunting small game.

WASHINGTON: West: Weather was a mixture of rain, fog, and wind. Some areas reported a halt to farm activities due to heavy frosts. Harvest of late lettuce was virtually complete; carrot harvest continued and will be extended as weather permits. Silage corn harvest continued on a limited basis. Christmas tree cutting activity upper elevations increased. Pasture forage adequate and supplemental feeding increases weekly.

East: The good fall weather gave way to cooler temperatures and overcast skies with reports of fog and frost. Pruning underway in earlier fruit tree areas while orchard clean up and rodent control continued. The cooler temperature was bringing about gradual dormancy and encouraged hardening for cold winter temperatures. The only crop that remains to complete harvest is corn that has been delayed by fog and high moisture. Soil moisture ranged from fair to good. Isolated shortages of range forage were reported again while mostly adequate supplies of hay and forage prevail.

WEST VIRGINIA: Temperatures near normal. Highs in 70's, lows in teens. Precipitation well below normal.

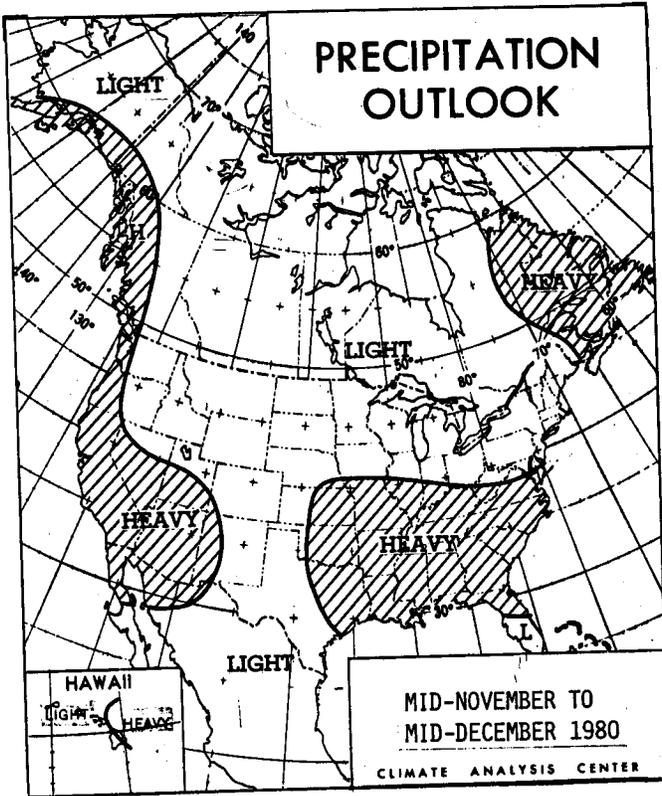
Soil moisture adequate to short. Days suitable for fieldwork 5.3. Major activities: Corn harvesting, fall seeding, livestock work. Hay, grain, and other feed supplies adequate. Pasture condition fair. Lack of rain hurting fall grain and pasture conditions. Some reports of livestock feeding beginning.

WISCONSIN: Temperatures 30° below normal. Highs ranged from 30's to 50's, lows teens and 20's. Extremes: 58 and 70°. Precipitation averaged from 0.20 to 0.90 in. Heaviest rains south and east 13th. North had mixture rain, sleet, and snow, with 2 to 4 in. snow far north. Weekend partly sunny and cool.

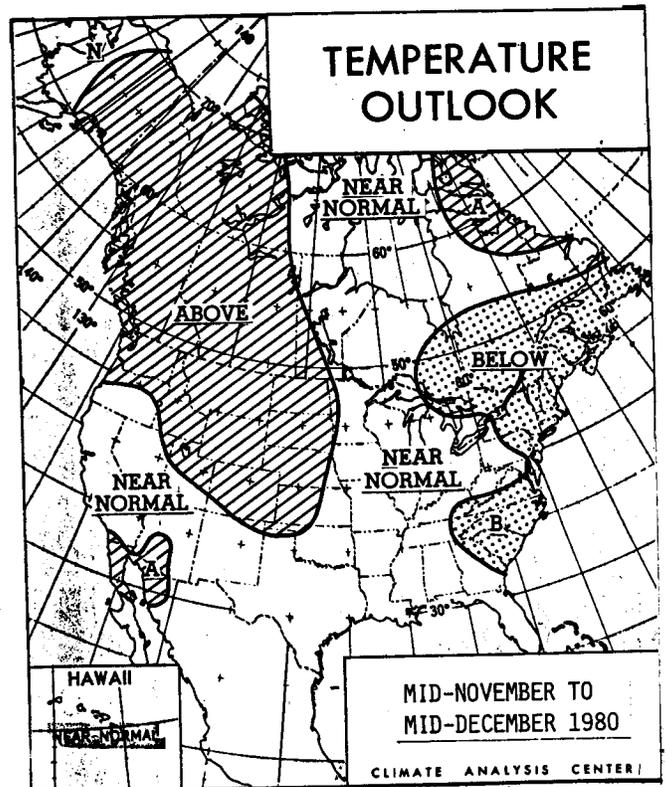
Crop harvest nearing end except where fields too soft for machinery. Fieldwork: 5 days suitable. Corn for grain 88% harvested, 1979 55%, normal 82%. Storage space full, some being piled on ground. Corn stalks being chopped and baled for bedding. Soybeans 99% combined, 1979 85%, normal 93%. Fall plowing proceeding well except for wet spots. Fall plowing 52% done, 1979 40%, normal 52%. Fall fertilizers being applied. Buildings being readied for winter. Feed supplies will be adequate most areas, some reduction of feed quality during wet August and September harvesting period. Soil moisture 65% adequate, 35% surplus.

WYOMING: Temperatures warm again and above normal most areas. Highest 72°, low 8°. Precipitation abundant as snow fell over most of State.

Corn for grain harvest continuing. Winter wheat mostly good condition. Additional moisture needed for optimum development. Livestock mostly good condition, some being marketed. Most livestock on winter pastures.



Average Monthly Weather Outlook

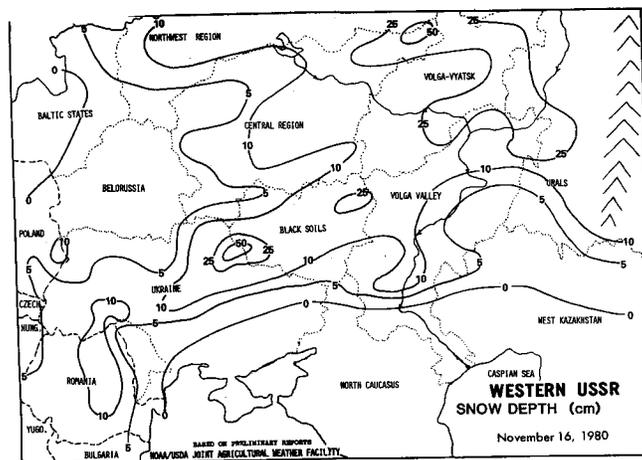


International Weather and Crop Summary

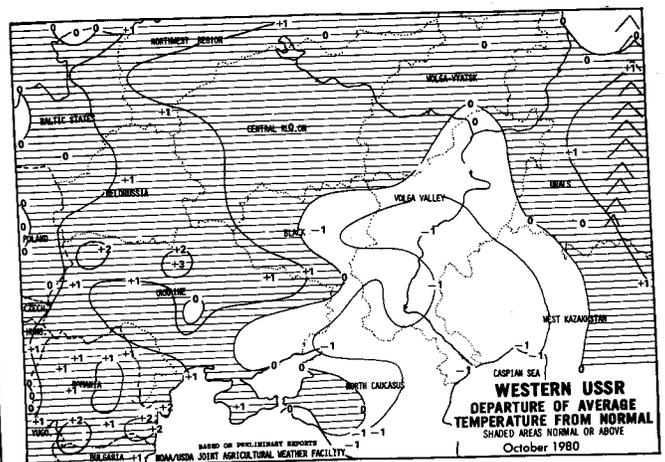
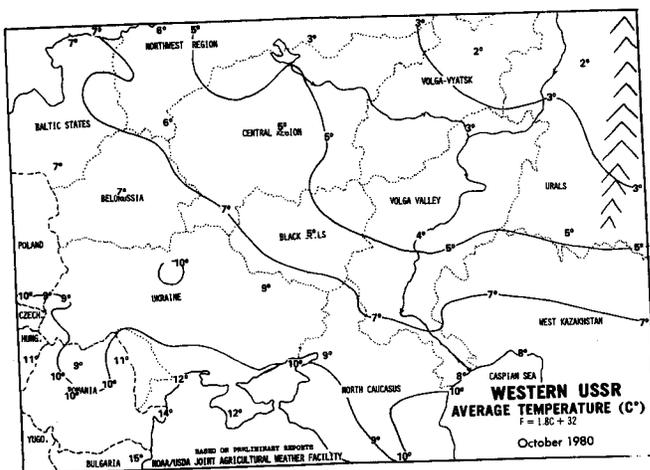
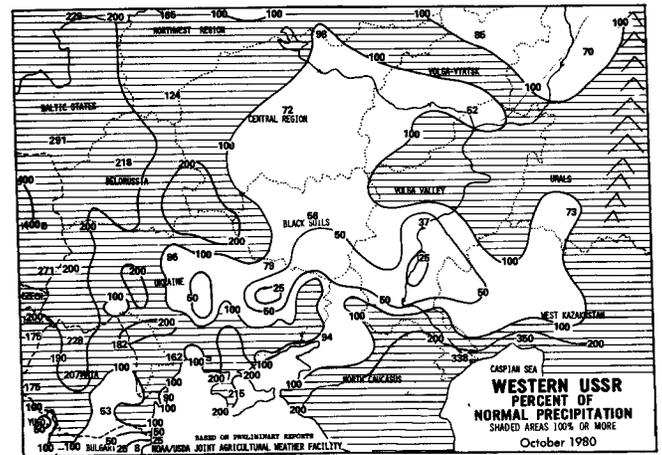
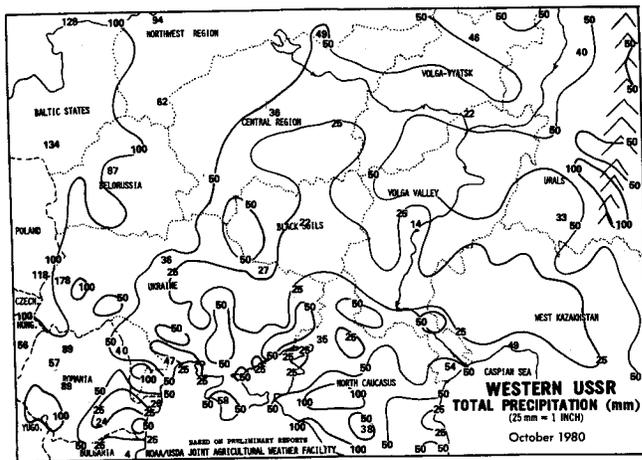
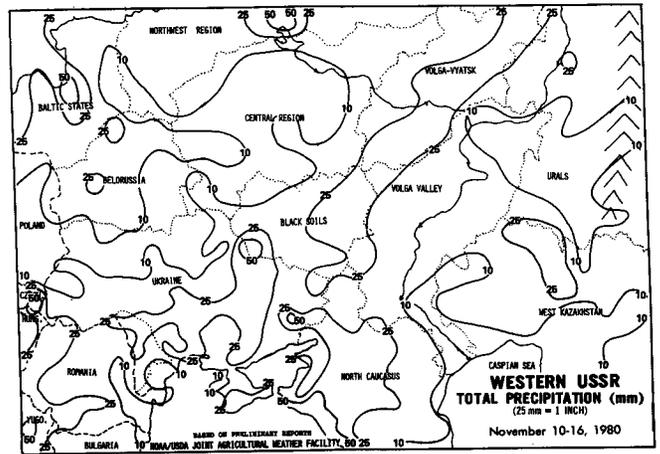
November 10 - 16

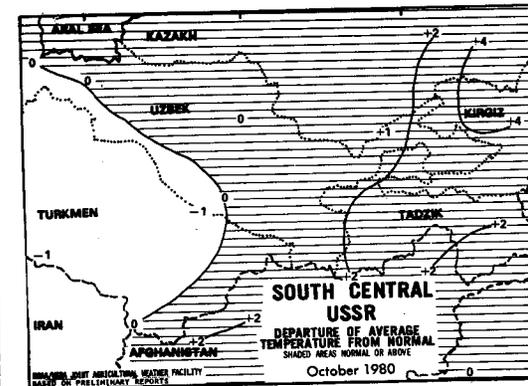
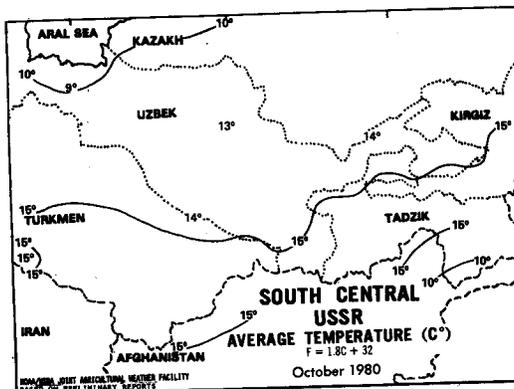
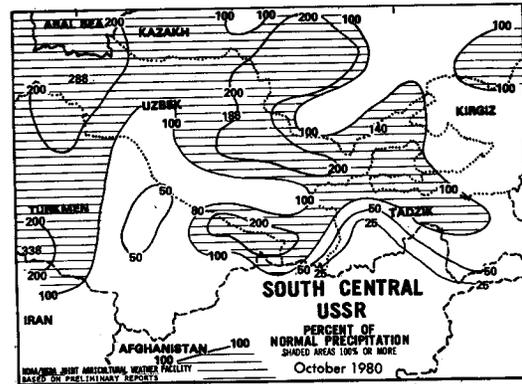
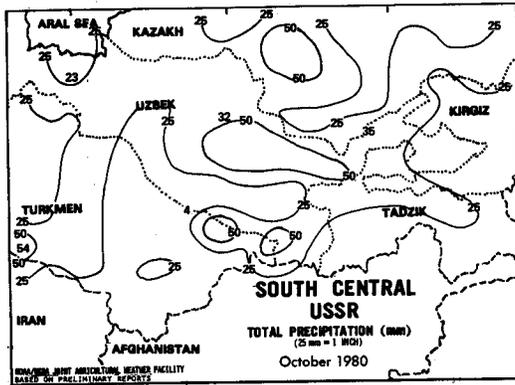
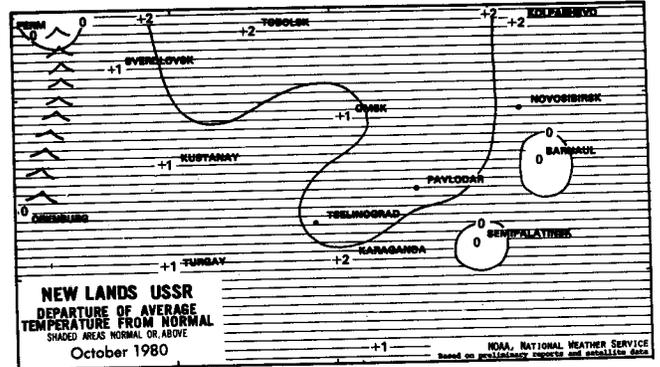
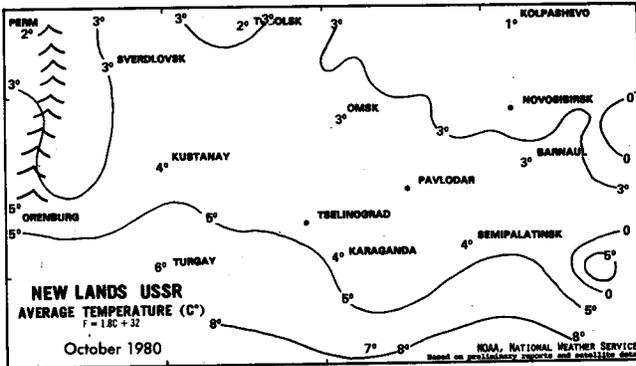
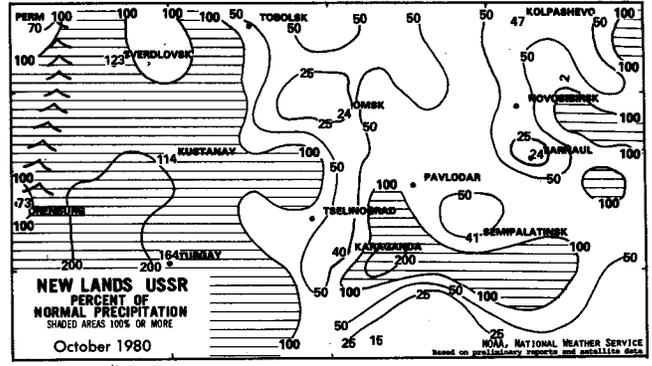
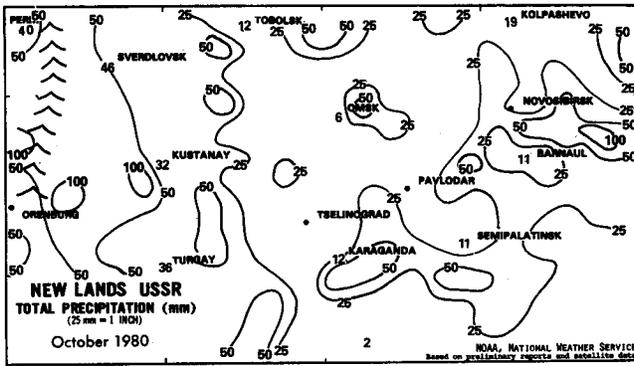
HIGHLIGHTS

- WESTERN USSR:** Above-normal precipitation fell over most of the region, leaving all but southeastern parts of the winter grain belt snow-covered. The snow will benefit winter grains, but it further complicated late harvesting of spring-planted crops.
- EUROPE:** Drier weather prevailed in central and northeastern areas -- a relief from recent dampness. Above-normal precipitation in the southeastern countries continued to disrupt maize harvesting.
- SOUTH AFRICA:** The major portion of The Maize Triangle continues to await a soaking rain for maize planting. Showers have produced adequate moisture for sowing only in the Transvaal.
- NORTHWESTERN AFRICA:** Abundant rainfall in Morocco winter grain areas maintained good growing conditions. Drier conditions limited growth in western Algeria and in pockets eastward into Tunisia.
- AUSTRALIA:** Warm, dry weather provided favorable harvesting conditions in all wheat areas. Soil moisture reserves are very low in New South Wales where October rainfall was below average, and temperatures were higher than normal.
- EASTERN ASIA:** Mostly dry weather allowed late rice harvesting in South Korea and southern China to advance strongly and probably approach completion.
- SOUTHEAST ASIA:** Seasonally dry weather likely marked the end of a successful summer monsoon season in 1980.
- SOUTH ASIA:** Excessively heavy rainfall may have caused some damage to late rice now approaching maturity in minor production areas along the southeast coast.
- MEXICO:** Near-normal October rains helped size citrus in the northeast, while dryness in early November aided harvesting. Only about three-quarters of normal rain fell over west coast vegetable watersheds during the rainy season ending in late October.
- SOUTH AMERICA:** Warm, dry weather favored the wheat harvest, but some pockets of dry soil have delayed soybean and maize plantings in Parana, Sao Paulo, and Minas Gerias. Some stress has occurred in southern Argentina wheat areas due to prolonged warm, dry weather.

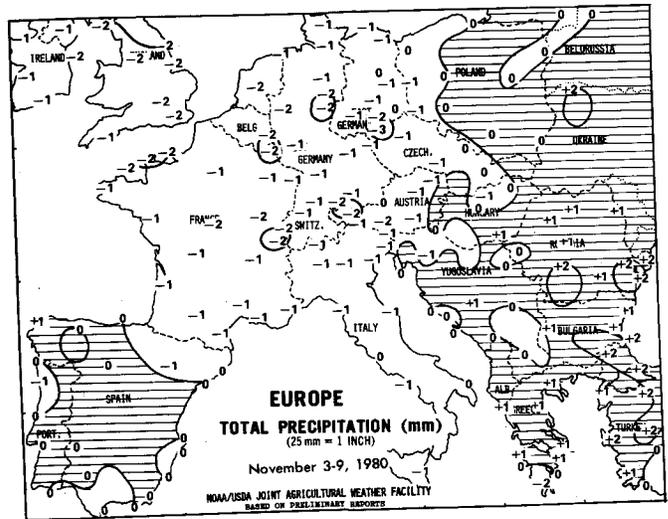
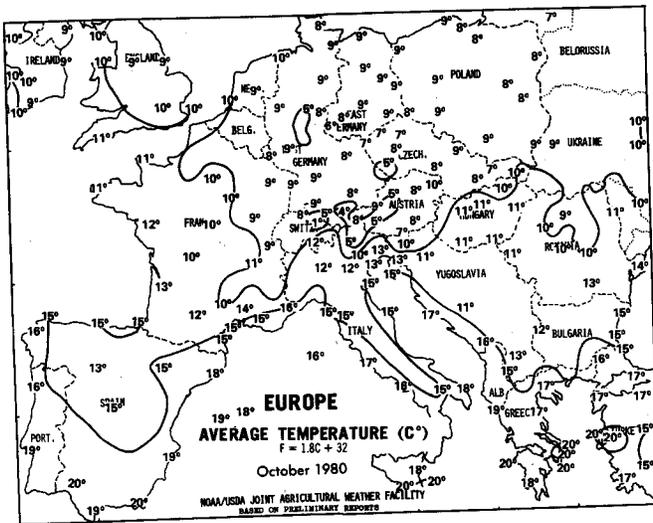
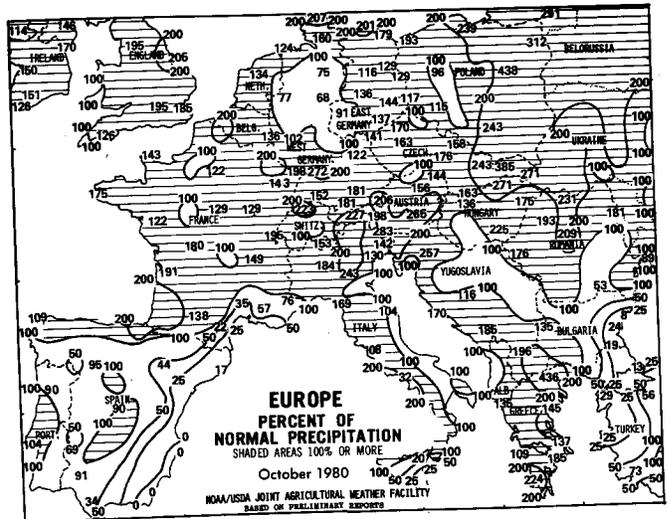
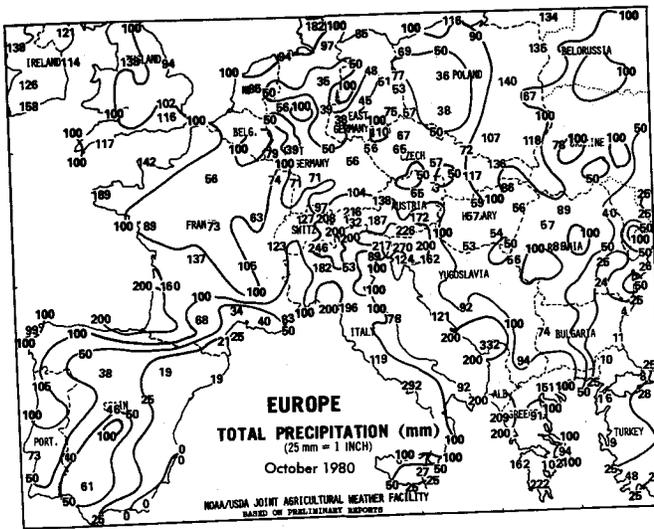
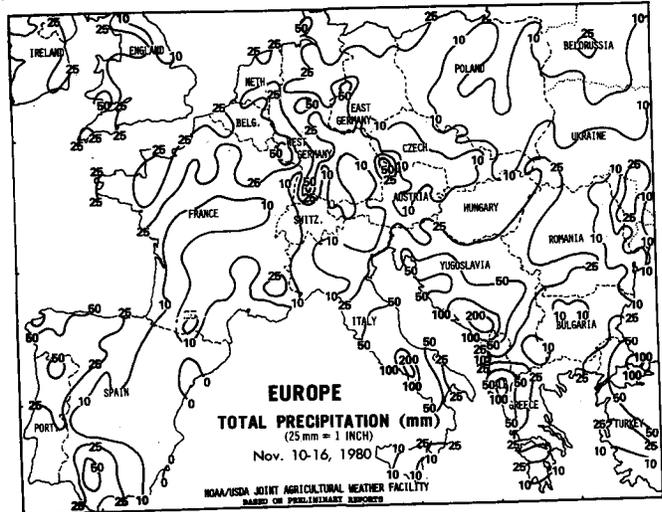


WESTERN USSR. In the Ukraine, precipitation slackened somewhat but remained above normal. Northern areas saw a return of above-normal precipitation, much of it as snow. Most of the winter grain belt has now become snow-covered. Only in the North Caucasus and southeastern Ukraine have soils remained bare due to above-normal temperatures. Colder than normal conditions persisted to the north and west, but no extreme temperatures have occurred yet. A protective snowcover will be most needed in the northwest, where in spite of relatively warm October weather, late-sown winter grains probably did not have enough time to show sufficient growth and become winterhardy. Above-normal October precipitation in many areas benefited winter grains but seriously interfered with harvesting of spring-sown crops.

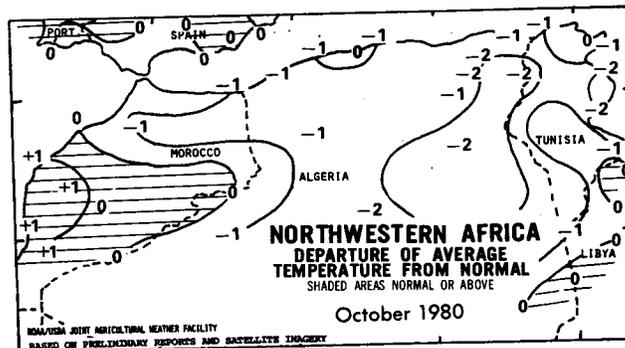
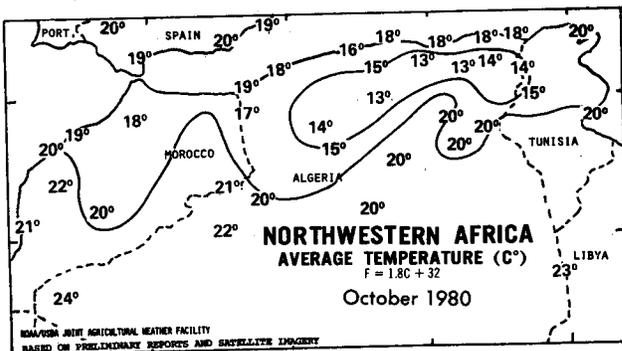
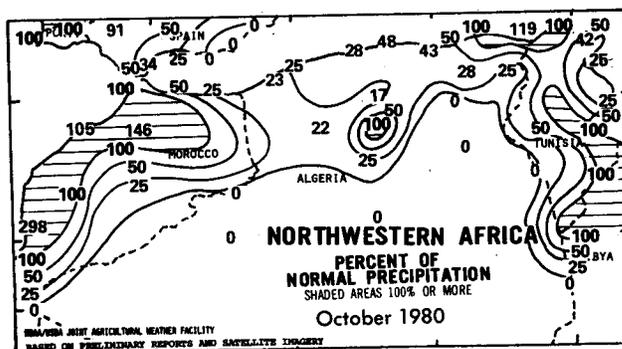
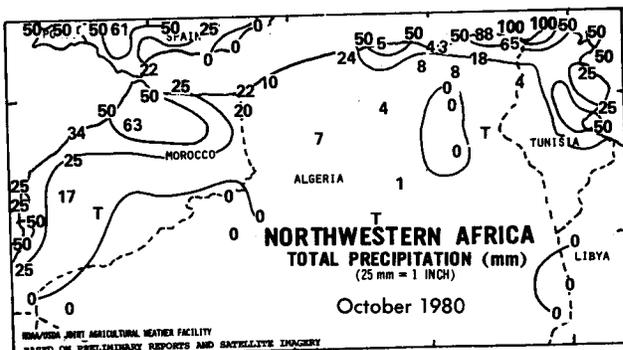
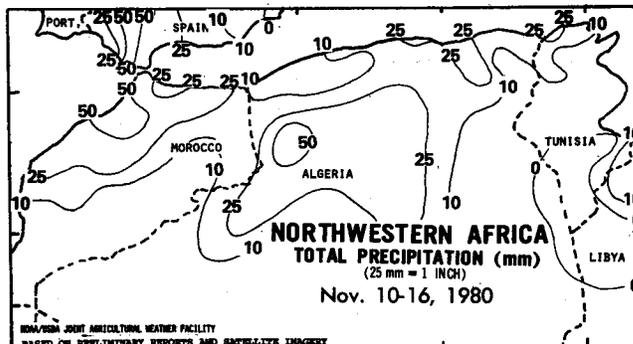




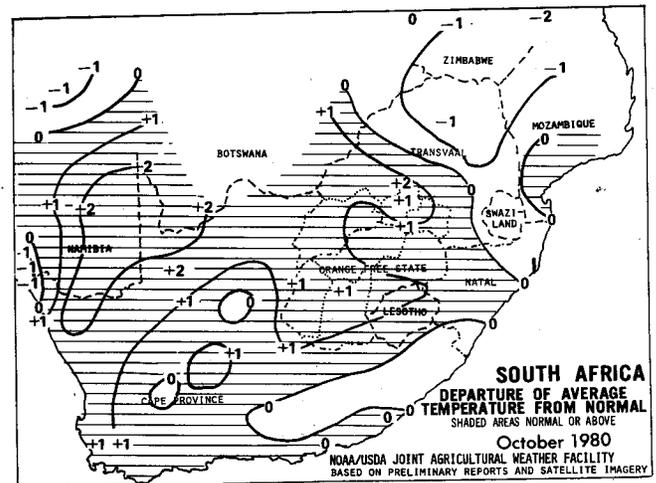
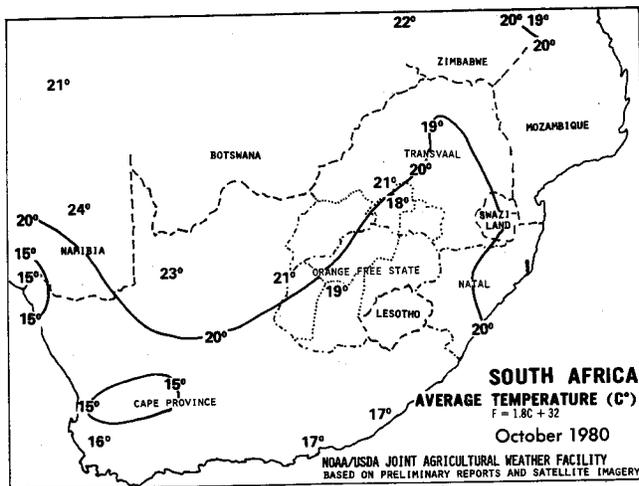
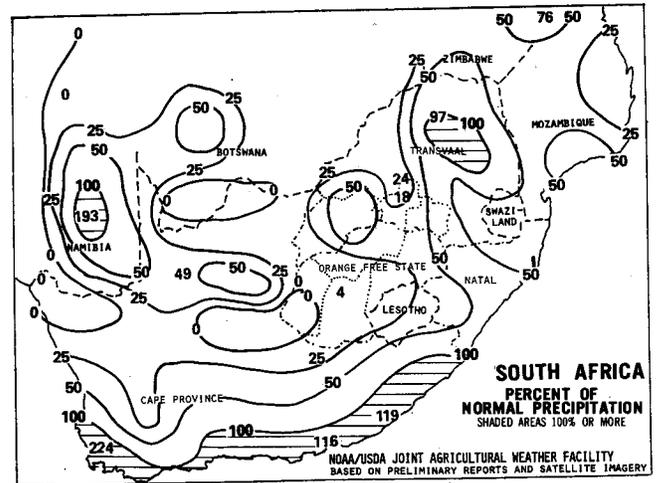
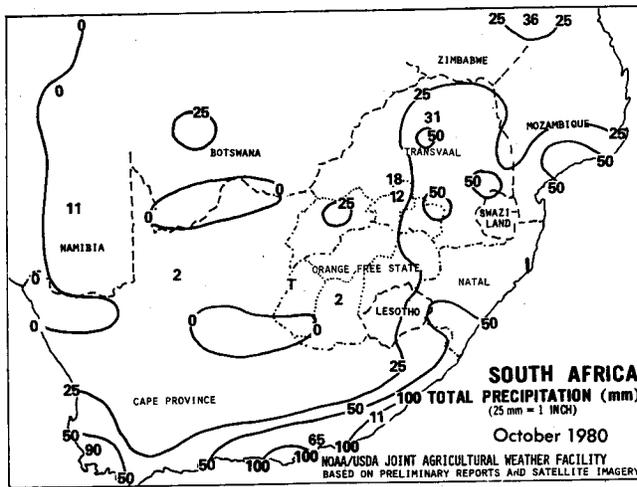
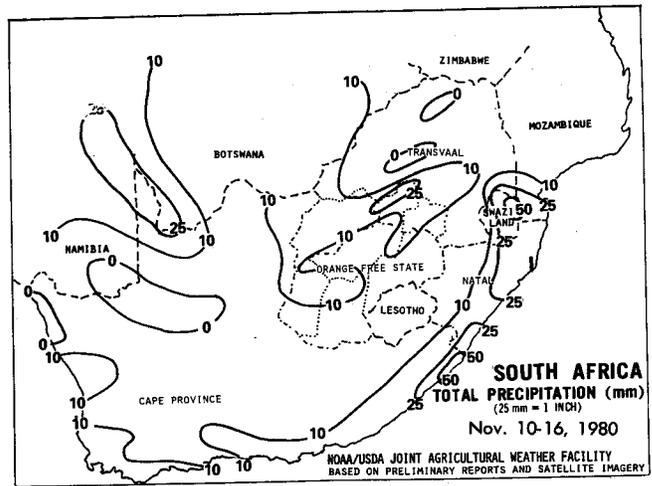
EUROPE. Storms held to the north and south during the week, leaving much of the alpine region relatively dry. Heavy rains early in October in this central region had catapulted October totals much above normal. Northeastern areas had also been quite wet in October; only relatively light precipitation fell there during the week. Conditions in eastern Spain had become somewhat dry in October. Early November saw abundant rainfall in that area, and light rainfall during the week maintained improved growing conditions for winter grains. Heaviest precipitation during the week fell over the southeastern countries, maintaining unfavorable harvest weather. Conditions for crops remained relatively favorable in the northwestern countries. Growth of winter grains had been slowed in October by cooler than normal weather. Temperatures remained below normal in most areas during the week, and were only high enough for winter grain growth in the Mediterranean countries.



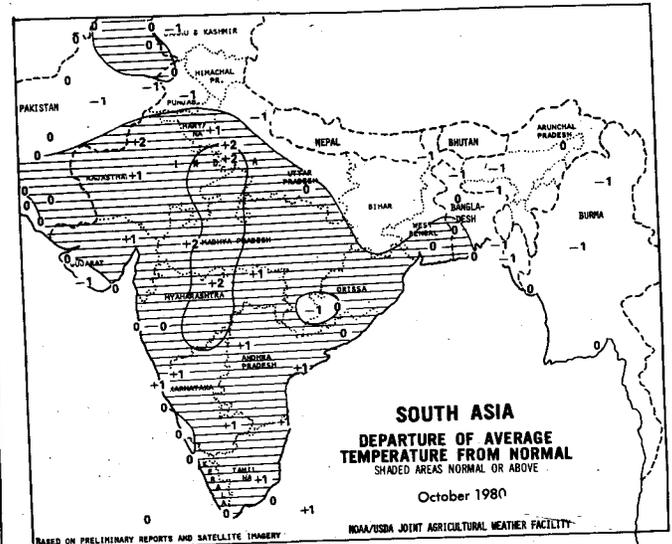
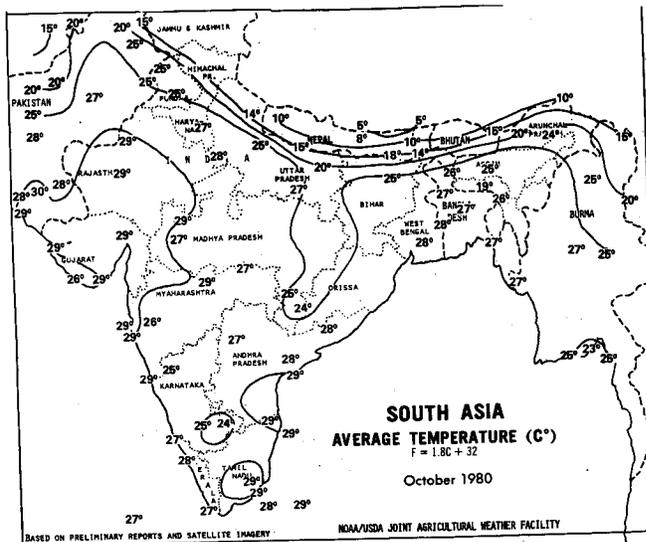
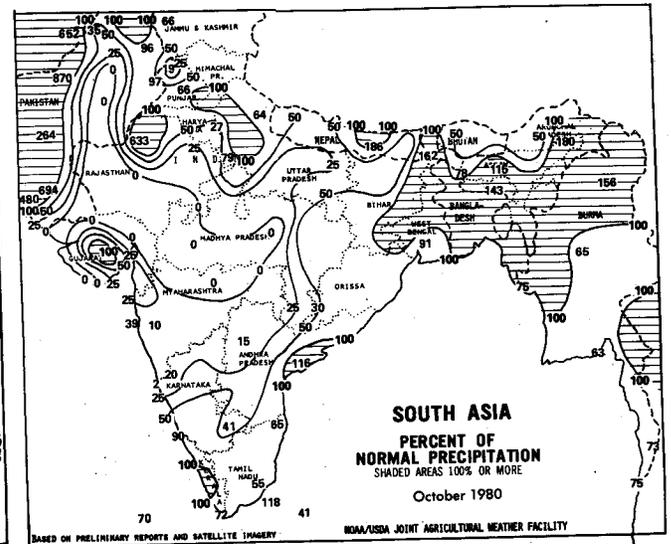
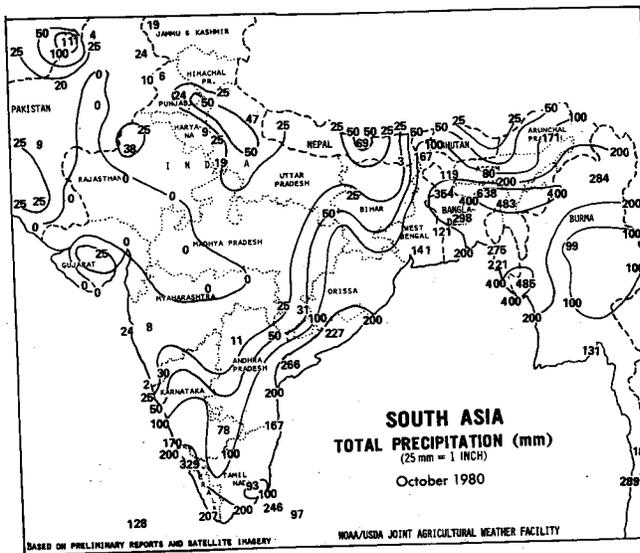
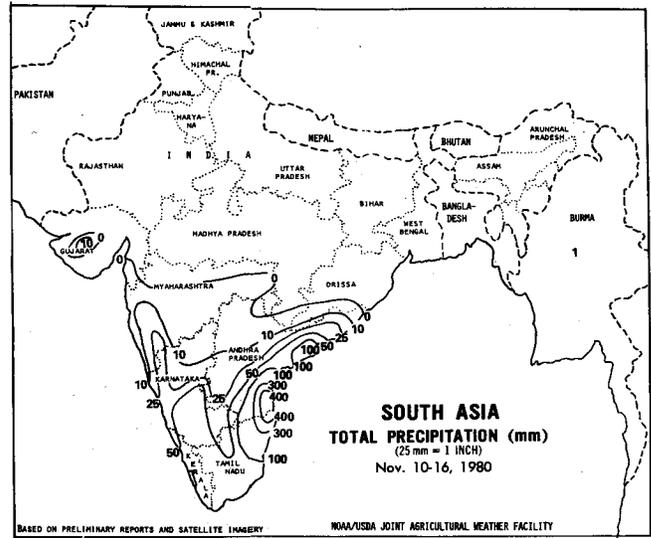
NORTHWESTERN AFRICA. Abundant rainfall over winter grain areas of Morocco maintained good growing conditions. Above-normal October rainfall had gotten sowing off to a good start, and slightly cooler than normal conditions did not affect development much. Conditions have been less favorable to the east. Coastal areas of northern Tunisia and eastern Algeria received generally adequate rainfall in October and again during the week, but dry pockets exist in many areas just inland. Western Algerian crops have suffered the most, with relatively dry weather persisting through October to the present. Relatively cool conditions in Tunisia and eastern Algeria did not limit winter grain development significantly.



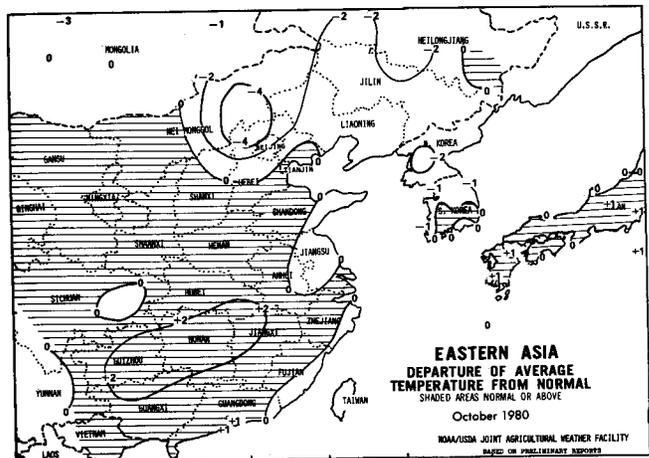
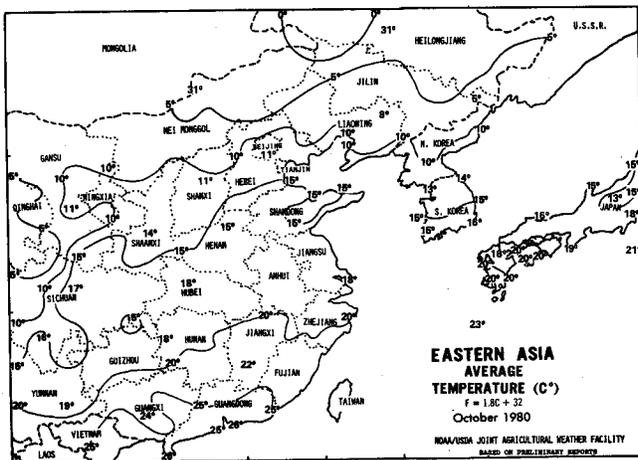
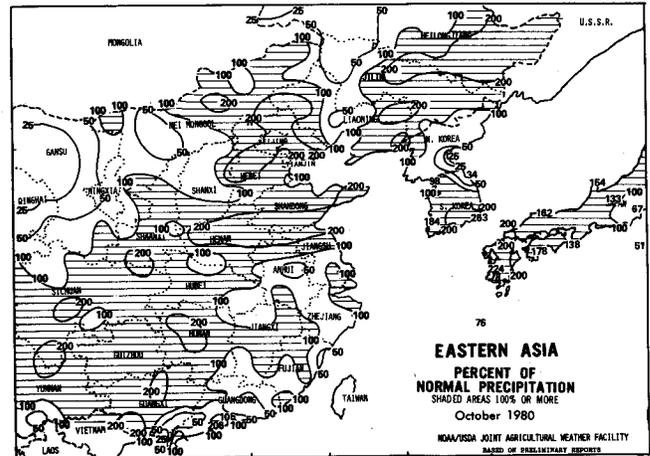
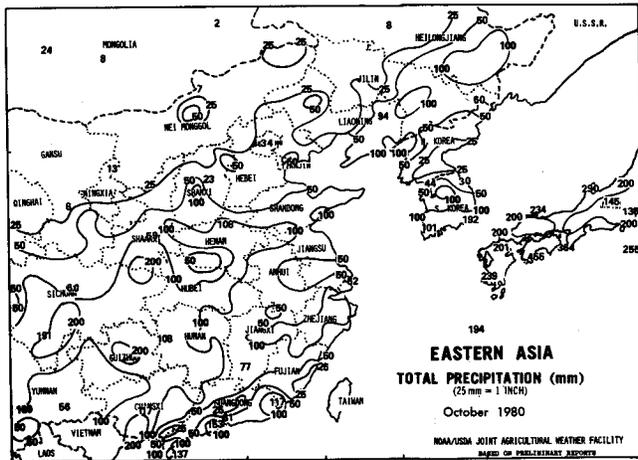
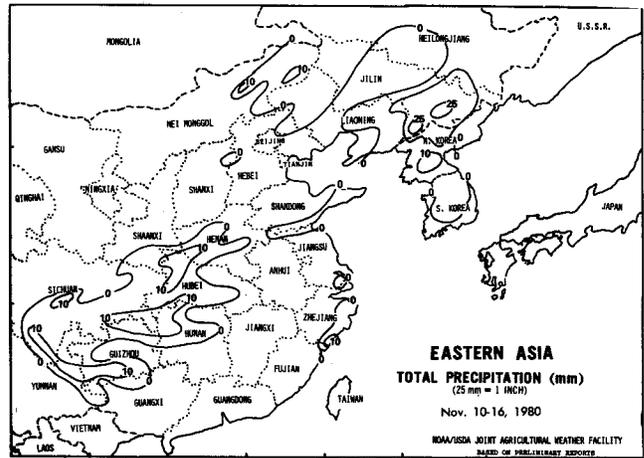
SOUTH AFRICA. A rather persistent weather pattern has evolved during the past several weeks in South Africa's maize-growing region. Rainfall has ranged below average except in the northern portion of the maize region where showers have provided adequate moisture in the Transvaal for sowing and early growth. However, soil moisture supplies are not entirely favorable for early maize development in much of the Orange Free State. The problem is especially acute in relatively minor production areas in eastern portions where higher elevations shorten the growing season. Further west, maize sowing can be extended into December, but soaking rains are needed in nearly all areas.



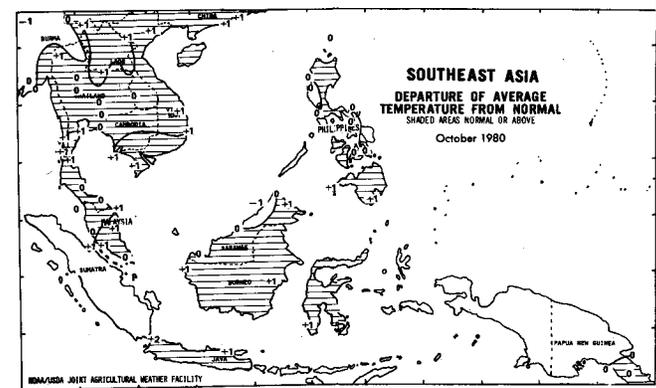
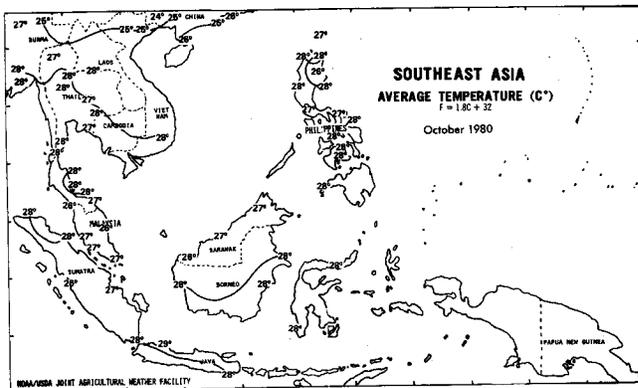
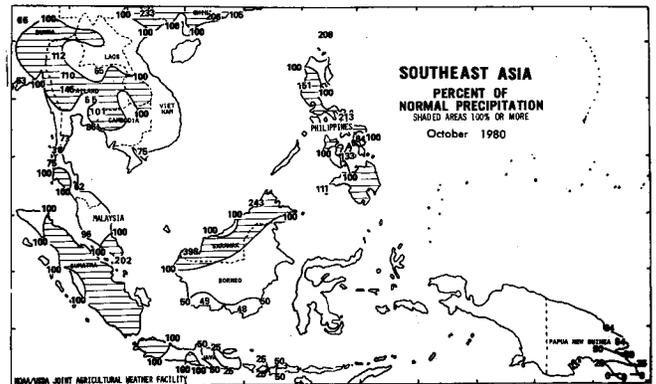
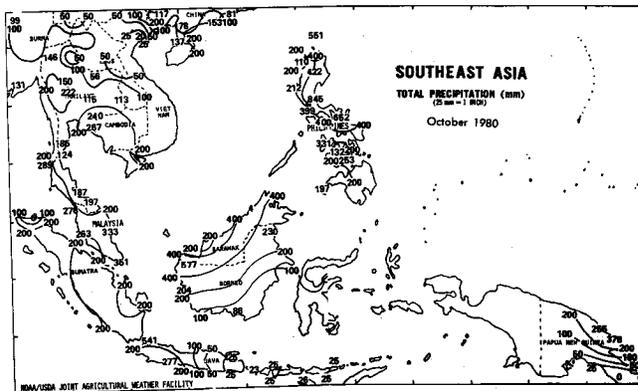
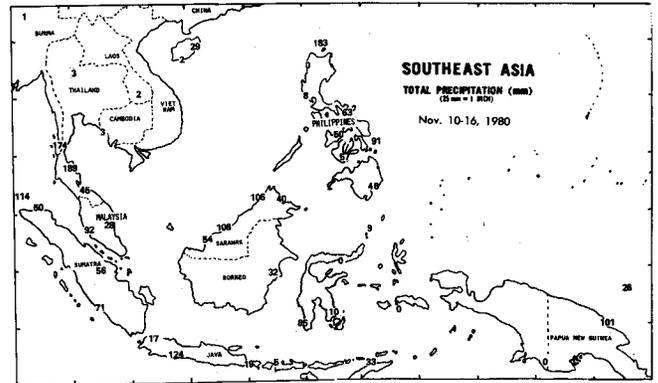
SOUTH ASIA. A series of tropical disturbances dropped excessively heavy rainfall along the eastern coast of Peninsular India. Normally, the weather remains wet in this area during November as harvesting of late rice begins. Although the portion of late rice grown in this area is relatively small, the excessive water will likely cause substantial problems for the maturing rice. No rain fell in the north--a normal situation for November. Rainfall in October occurred in a variable pattern, as was the case in September. There probably remain pockets where rainfall has been inadequate for development of winter grains. However, abundant irrigation water supplies should assure that most areas have adequate moisture.



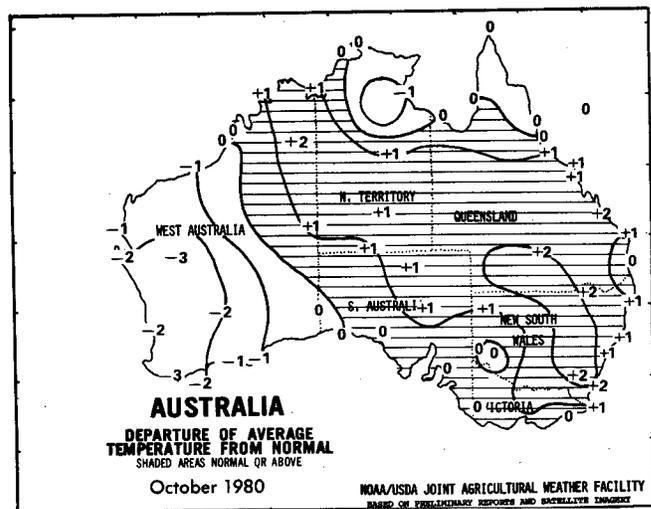
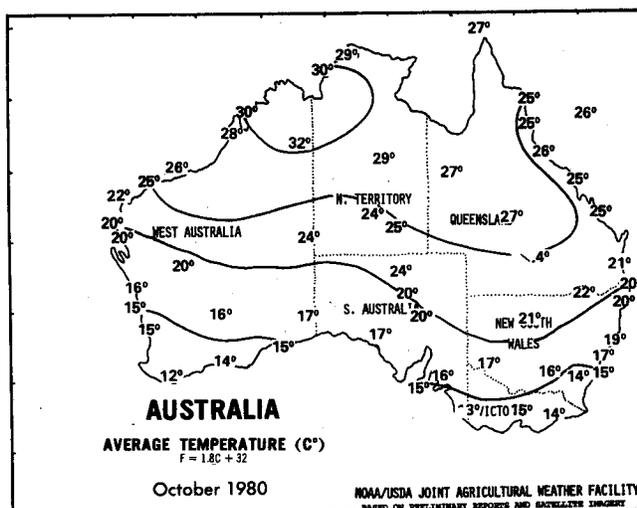
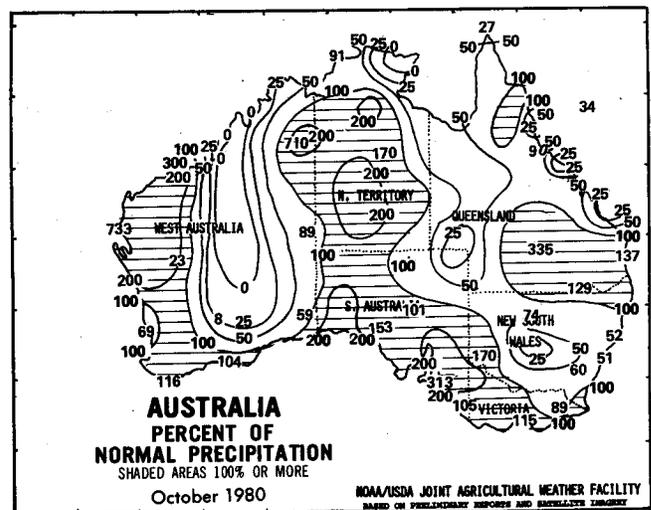
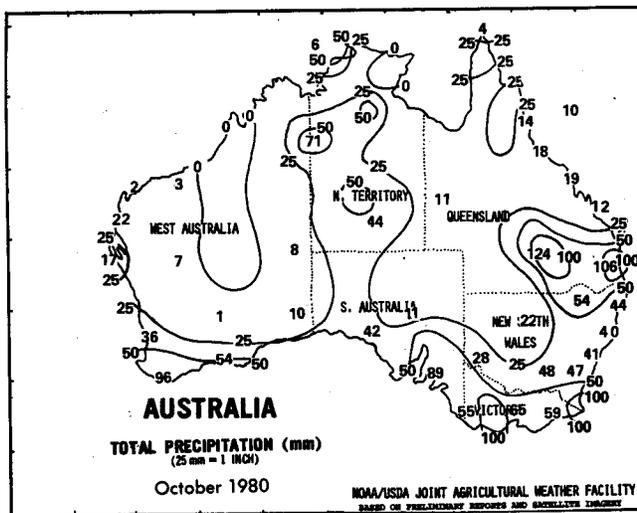
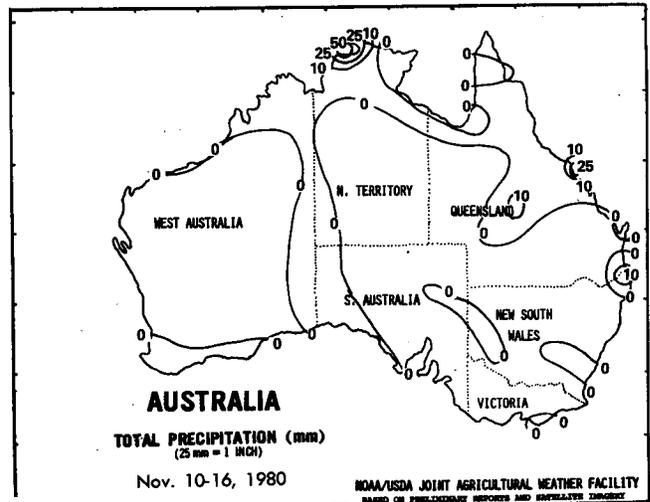
EASTERN ASIA. Very little precipitation fell in most major crop areas of China and South Korea for a third consecutive week. This abnormal period of dry weather probably allowed late rice harvesting to advance nearly to completion. Wet and cold October weather in South Korea had caused additional serious problems for the rice crop. Rice harvesting in the southern coastal provinces of China had been interrupted only by a two-week spell of wet weather in mid-October. Conditions remain good for winter grains in the North China Plain. Above-normal temperatures during the week allowed growth to continue in all but the most northerly areas. October precipitation ranging far above normal over most of the North China Plain improved growing conditions in unirrigated fields.



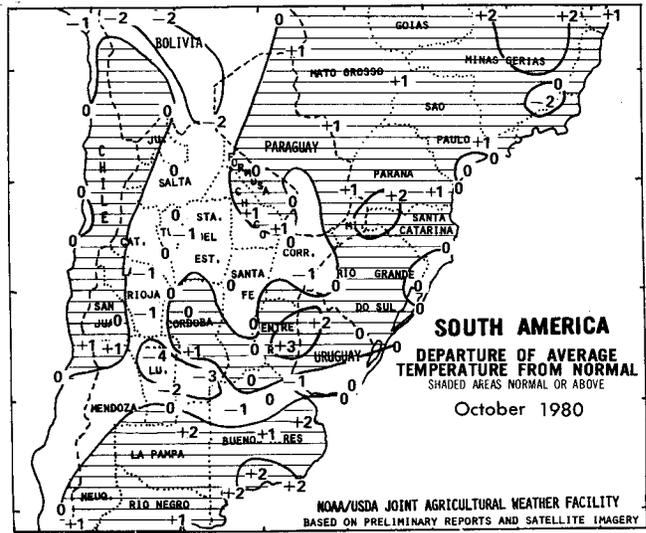
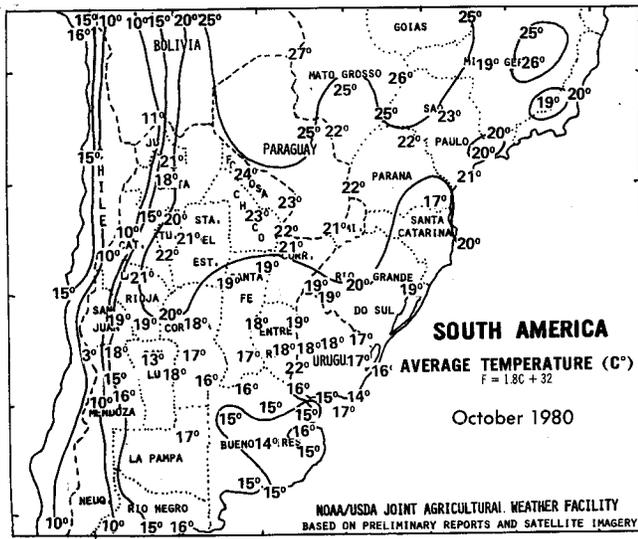
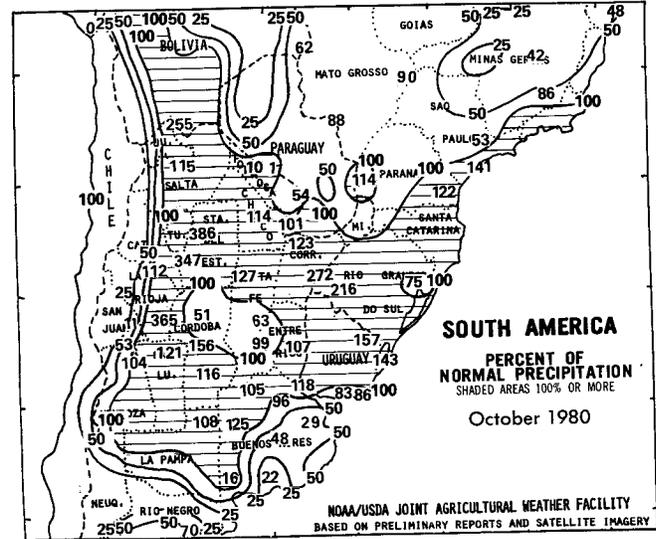
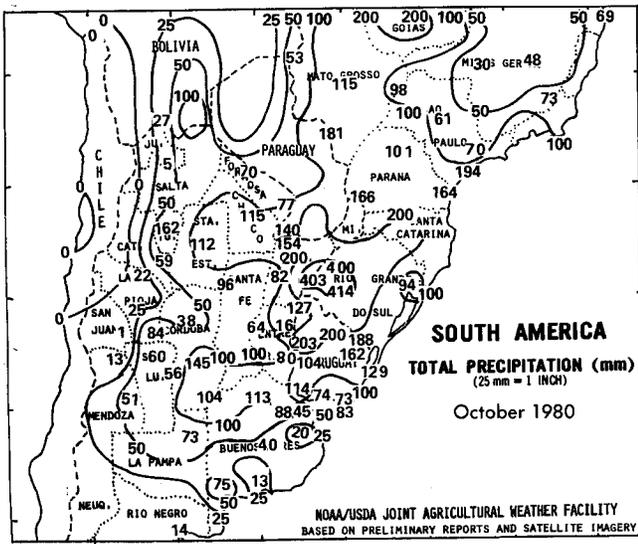
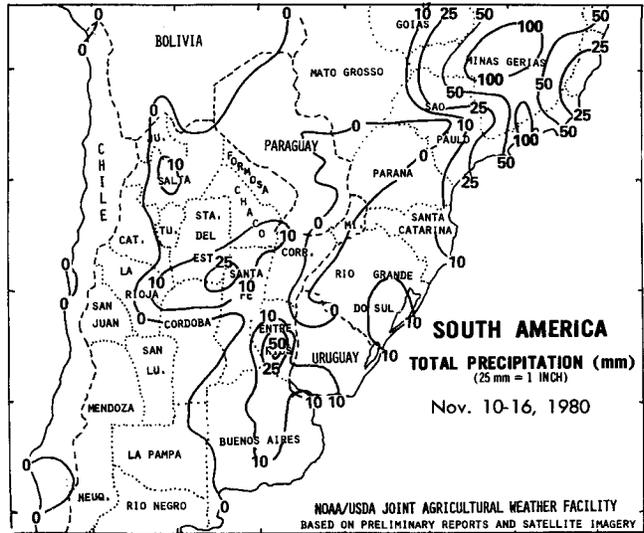
SOUTHEAST ASIA. Late growth of wet-season crops received additional support from seasonal to above-average October rainfall throughout most of Thailand. Irrigation supplies should be adequate for the upcoming dry-season crops based on the performance of the 1980 summer monsoon. The withdrawal of the Intertropical Convergence Zone (ITC) from Southeast Asia marks the beginning of the relatively dry period which usually extends into April. Weekly summaries will be discontinued until he expected onset of next summer's monsoon season.



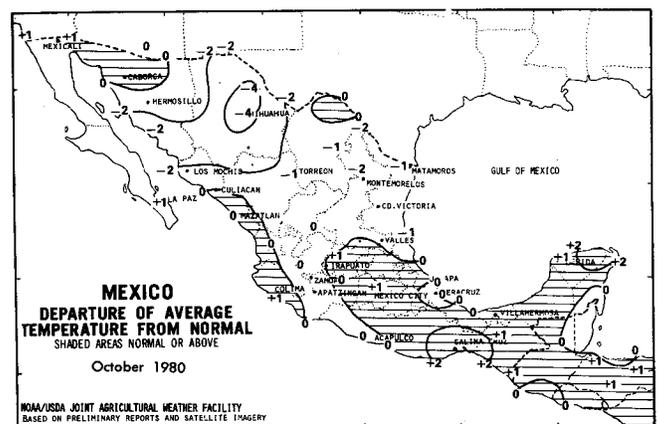
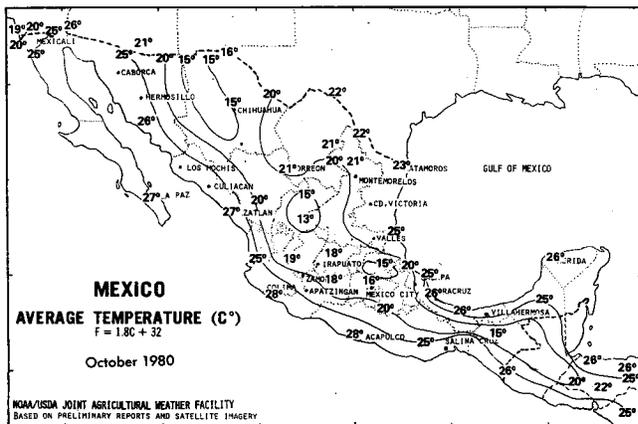
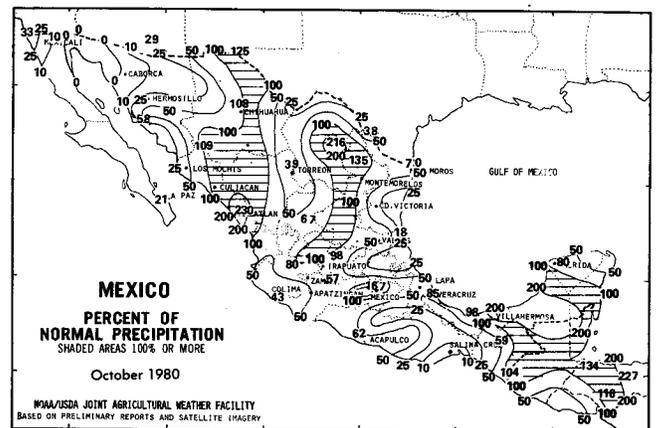
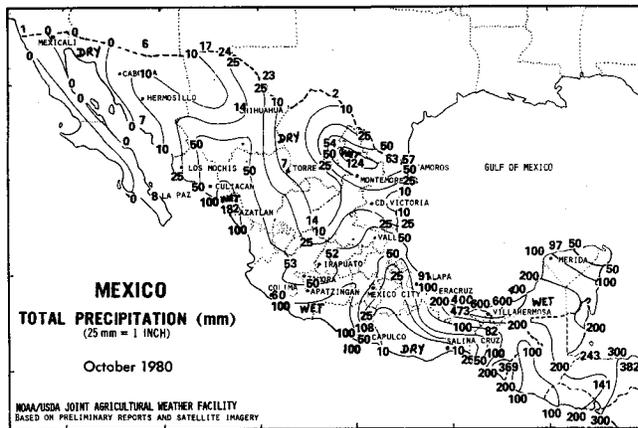
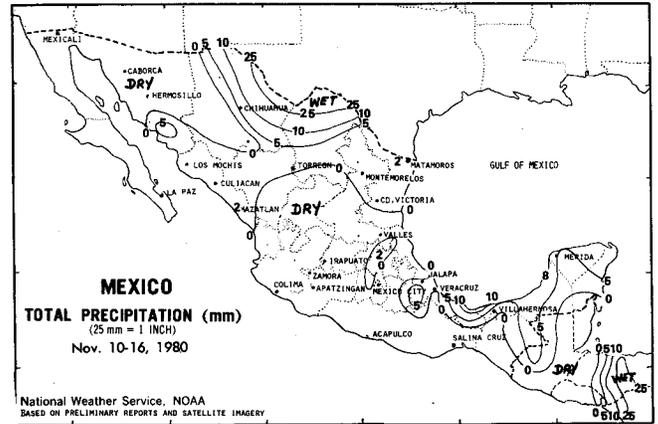
AUSTRALIA. Warm, dry weather prevailed this past week in all wheat areas. The weather was ideal for harvesting wheat, but soil moisture reserves remain low in New South Wales where October rainfall was below normal and monthly temperatures were higher than average. Further north in Queensland, heavy rain occurred toward the end of October providing much-needed moisture for spring plantings. Abundant moisture was available in southeastern Australia while Western Australia's wheat area received above-average rainfall totals of 20 to 25 mm in October. Since the main wheat harvest is now underway, the major concern for moisture shifts toward spring-planted crops such as sorghum and maize.

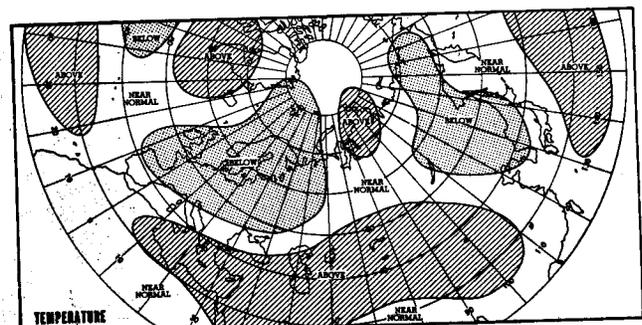
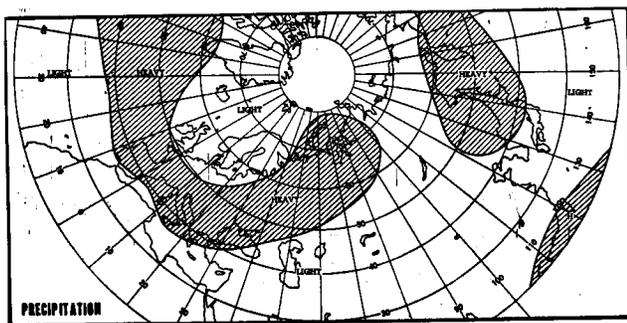
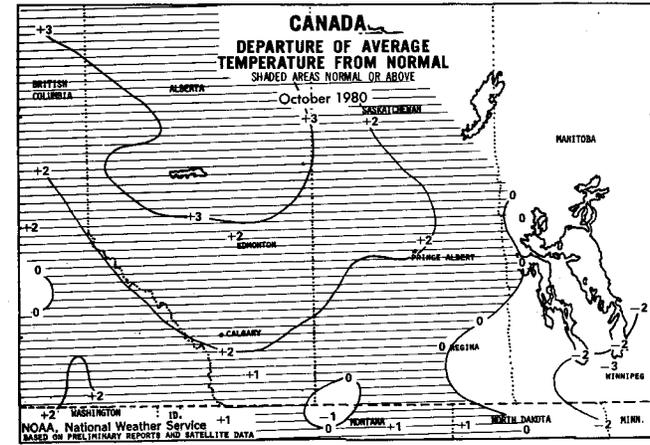
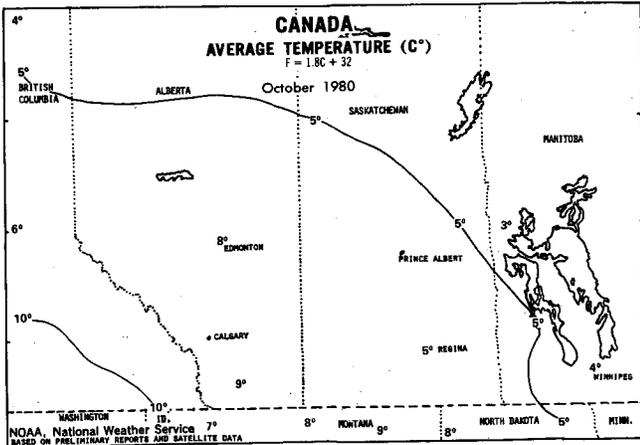
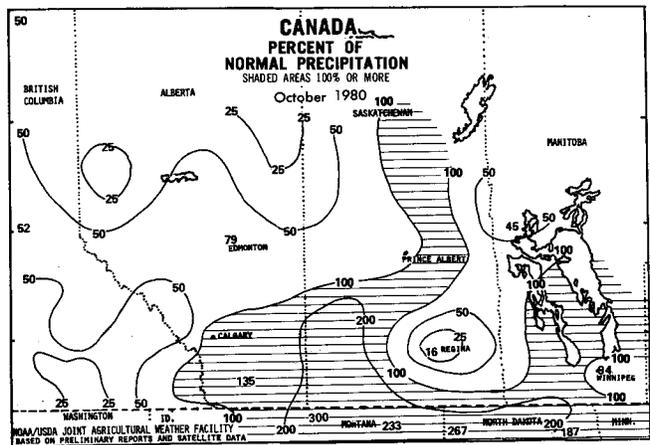
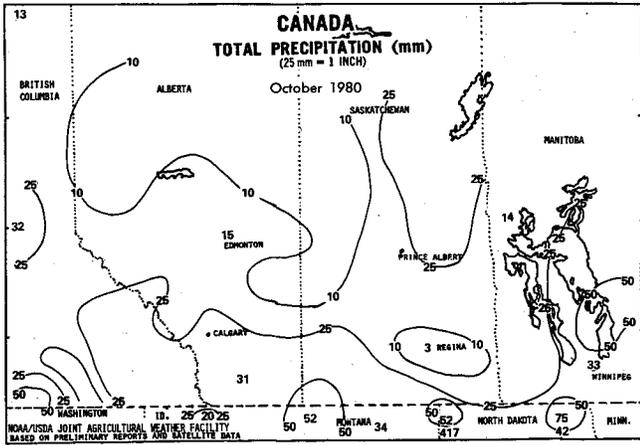


SOUTH AMERICA. Brazil's wheat harvest was in full swing during October with favorable harvest weather in Parana but wet conditions in Rio Grande do Sul. Some harvest delays may have occurred in the south. Below-average October rainfall delayed planting in the northern maize growing areas of Minas Gerias and Sao Paulo. Showers have improved soil moisture conditions in these areas during the past two weeks. Some pockets of dry topsoil may delay soybean planting in northern and western Parana. In Argentina, northern wheat areas received above-average October rainfall which greatly improved conditions for maize planting in areas which had been somewhat dry. October rainfall was below average in southern wheat areas of Buenos Aires and La Pampa. Some stress has occurred in these areas due to warm, dry weather which has continued into the first two weeks of November.



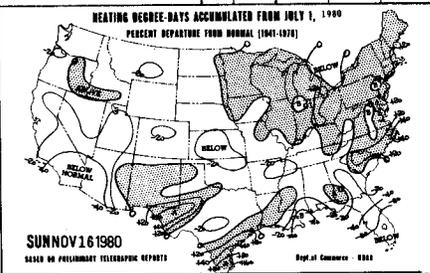
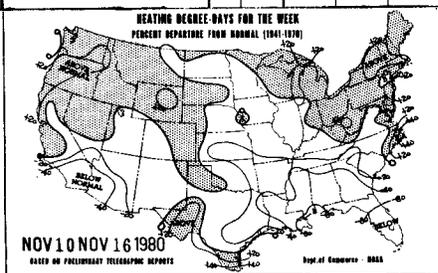
MEXICO. Near-normal rainfall in the northeast during October helped size citrus fruit which was stressed by summer drought and heat. Orchards further south received only light rains in October but had adequate soil moisture during part of the summer. Dry conditions in the first half of November aided the citrus harvest. Rainfall was near normal in October over watersheds supplying water to west coast vegetables; however, rainfall only averaged about 75 percent of normal for the total rainy season which ended in late October. Vegetables should be progressing well with the warm, dry November. Excellent weather prevailed for harvesting northern cotton except for a few showers at Chihuahua. Slightly-below-seasonal rains in October and early November favored harvesting of late corn in the southern plateau. Very heavy rains plagued crop harvest in October over the coastal plains of the Bay of Campeche; November rains were lighter but still kept soils wet.





HEATING DEGREE DAYS (BASE 65°) FOR WEEK ENDING NOV. 16, 1980.
BASED ON 1941-70 NORMALS. + ACCUMULATION FROM JULY 1, 1980.

Table with columns for STATES AND STATIONS, WEEKLY DEPARTURE, SEASONAL ACCUMULATION, and DEPARTURE FROM 1979-80. Rows list various cities across the United States.



CROP PROGRESS

FOR WEEK ENDING NOV 16, 1980

	CORN % HARVESTED		
	1980	1979	AVG.
COLO	95	84	94
GA	99	96	94
ILL	98	91	92
IND	98	85	80
IOWA	100	76	92
KANS	99	90	95
KY	98	90	90
MICH	85	65	81
MINN	98	58	90
MO	100	86	84
NEBR	96	80	85
N C	97	94	94
OHIO	98	80	85
PA	91	70	69
S DAK	99	78	92
VA	93	85	87
WIS	86	55	82
17 STATES	97	79	88

THESE 17 STATES PRODUCED 93% OF THE 1979 CORN CROP.

	SOYBEAN % HARVESTED		
	1980	1979	AVG.
ALA	96	80	76
ARK	76	88	78
GA	56	94	63
ILL	100	100	100
IND	100	97	95
IOWA	100	100	98
KANS	96	95	80
KY	96	90	86
LA	93	94	92
MICH	95	94	92
MINN	97	95	98
MISS	81	64	79
MO	97	98	83
NEBR	100	100	96
N C	46	45	42
OHIO	100	95	99
S C	79	39	45
TEX	36	62	70
16 STATES	90	91	87

THESE 16 STATES PRODUCED 94% OF THE 1979 SOYBEAN CROP.

	COTTON % HARVESTED		
	1980	1979	AVG.
ALA	96	64	72
ARIZ	50	70	64
ARK	97	79	84
CALF	75	86	NA
GA	97	83	76
LA	99	82	85
MISS	97	73	79
MO	96	91	84
N MEX	40	40	46
N C	93	65	67
OKLA	55	25	20
S C	94	89	84
TEX	98	65	72
14 STATES	69	57	NA
EXCL. STATES WITH NA	68	53	55

THESE 14 STATES PRODUCED 99% OF THE 1979 COTTON CROP.

	WINTER WHEAT % EMERGED		
	1980	1979	AVG.
CALF	2	NA	NA
COLO	96	95	95
IDA	99	96	99
ILL	97	95	NA
IND	93	87	85
KANS	95	89	NA
MO	88	NA	NA
MONT	100	NA	NA
NEBR	100	100	100
OHIO	95	85	NA
OKLA	70	65	90
OREG	87	80	NA
S DAK	100	100	100
TEX	82	73	NA
WASH	95	90	NA
15 STATES	88	NA	NA
EXCL. STATES WITH NA	86	83	94

THESE 15 STATES PRODUCED 90% OF THE 1979 WINTER WHEAT CROP.

	SORGHUM % HARVESTED		
	1980	1979	AVG.
COLO	98	76	94
KANS	95	85	85
MO	97	90	84
NEBR	100	90	95
OKLA	96	80	75
S DAK	98	91	74
TEX	99	95	97
7 STATES	97	90	91

THESE 7 STATES PRODUCED 92% OF THE 1979 SORGHUM CROP.

NA = NOT AVAILABLE

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