

WEEKLY WEATHER AND CROP BULLETIN

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

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

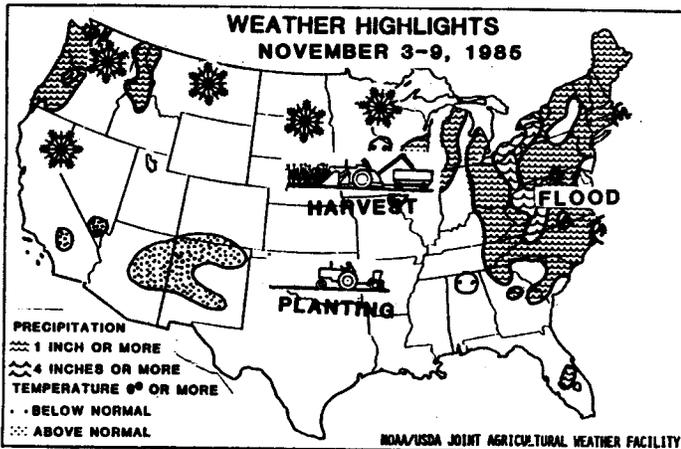
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Nov. 13, 1985

National Weather Summary

November 3 to 9, 1985



HIGHLIGHTS: A blocking high-pressure system off the east coast early in the week caused an unusual amount of moisture to move northward through the East. Deluges of rain through the Carolinas and the central Appalachians caused severe flooding for several days in the mid-Atlantic States. Later, frigid, arctic air plunged southward and covered the northern and central Plains, and then the Cascades, the northern Sierras, and the northern and central Rockies. Snow accompanied the outbreak and by week's end covered the area from western New York to the northern Plains and southward into Nebraska.

SUNDAY...Rain fell from Alabama and Florida through the eastern Great Lakes, Pennsylvania, and western New York. The heaviest rain fell from the Carolinas to the upper Ohio Valley. A blocking high-pressure system off the east coast kept precipitation concentrated in the East, especially the Appalachians.

MONDAY...Rain again covered the area from the Carolinas through the Appalachians, the upper Ohio Valley, and from the eastern Great Lakes through New England. Near noon, torrential rain, high wind, and tornadoes struck North Carolina's outer banks. Later, deluges of rain flooded the area from northwestern North Carolina through western Virginia and eastern West Virginia into Pennsylvania. Snow fell in the mountains of western North Carolina.

TUESDAY...The rain in the East moved slowly northward. Rain fell from North Carolina through New England and the western Great Lakes. The heaviest amounts were in New England, but serious flooding continued in the central Appalachians. Elsewhere, rain, wind, and snow spread through the Northwest to the northern and central Rockies and into the northern Plains. Freezing temperatures reached

down the Mississippi Valley to northeastern Arkansas.

WEDNESDAY...Record flooding continued in parts of Virginia and Maryland. Light rain covered a large area from the lower Missouri River and the upper half of the Mississippi River through New England. Showers of snow or rain continued in the Northwest, and a cold outbreak pushed into the northern and central Rockies and spread into the Plains.

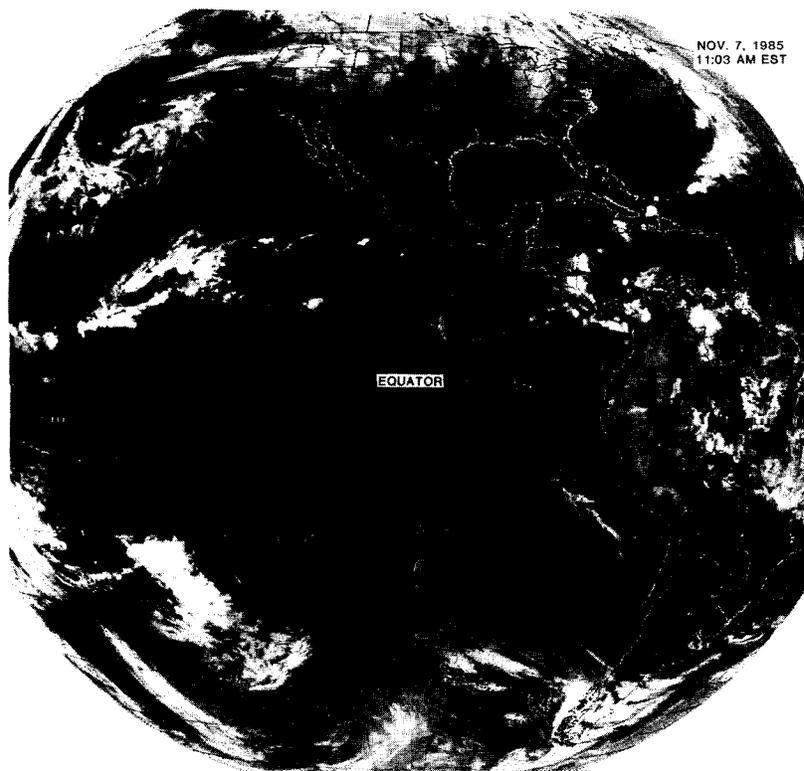
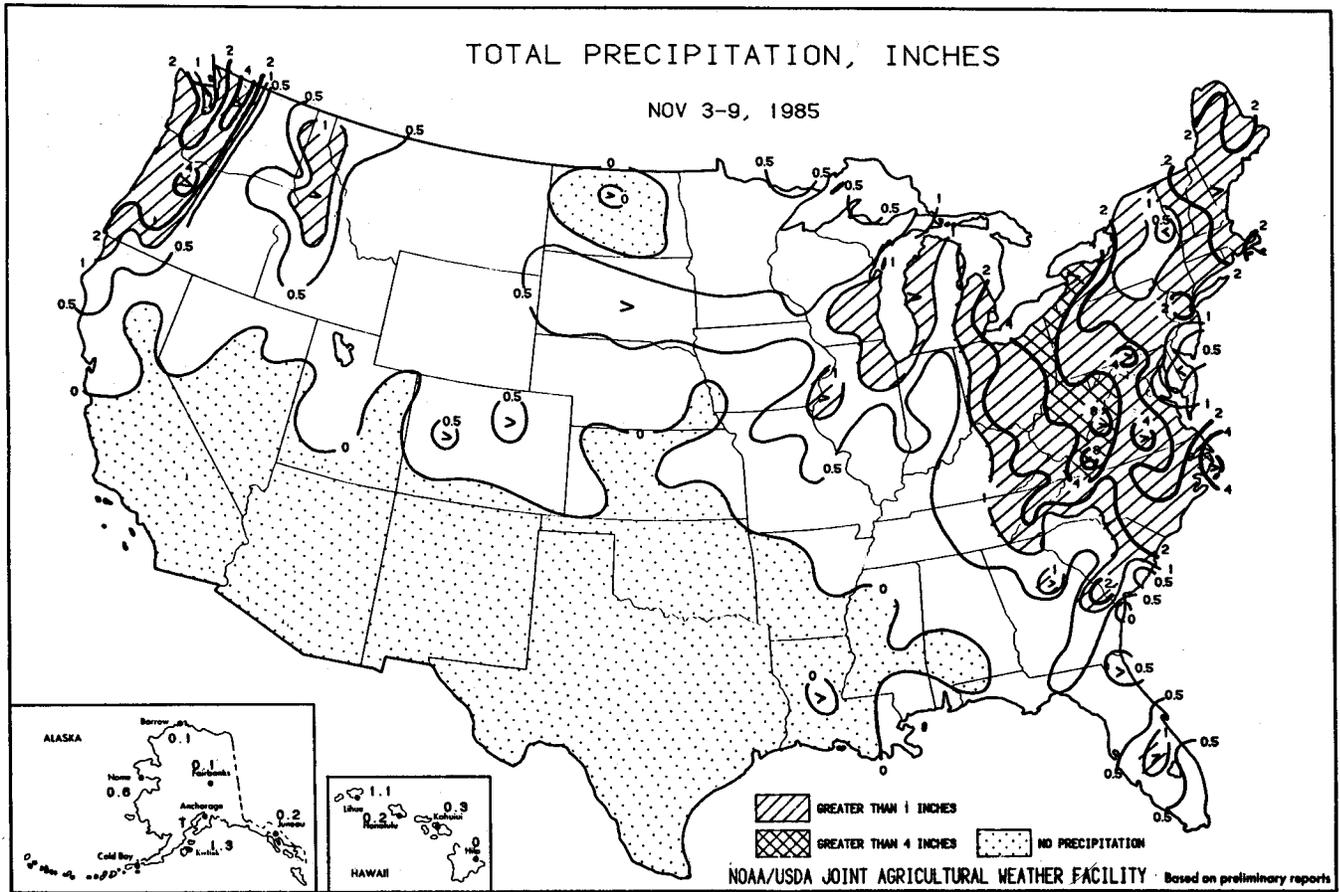
THURSDAY...Flooding continued in parts of the mid-Atlantic States as floodcrests moved downstream on the major rivers. Light rain fell from Georgia and Alabama through the west side of the Appalachians and in the Northeast. Further west, the cold outbreak spread to the southern Plains. Rain covered the Northwest, except for snow at the high elevations, and snow fell in the northern Plains.

FRIDAY...A winter storm, developing in the west central Plains, spread snow over the northern Rockies and through South Dakota and northern Nebraska into Wisconsin. Rain extended into New England. Another storm, in the Northwest, triggered rain along the coast and heavy snow in the Cascades.

SATURDAY...Snow fell from western New York through Michigan, Wisconsin, much of Iowa, and over the Plains from western Kansas through Minnesota. Snow continued in the northern and central Rockies and pushed southward through the Cascades to the northern Sierras. Frigid, arctic air covered all of this area. Rain fell in eastern New York and New England.

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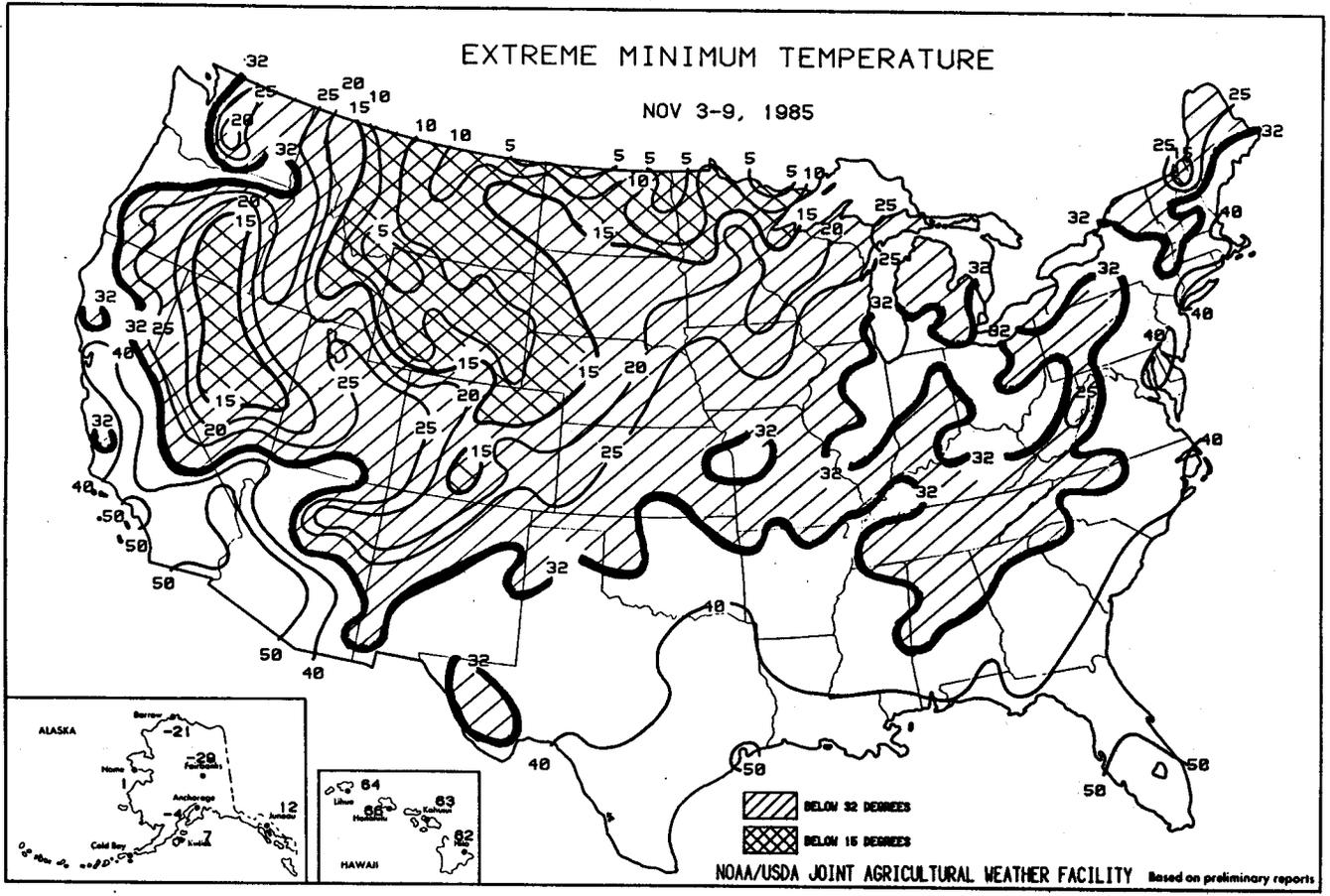
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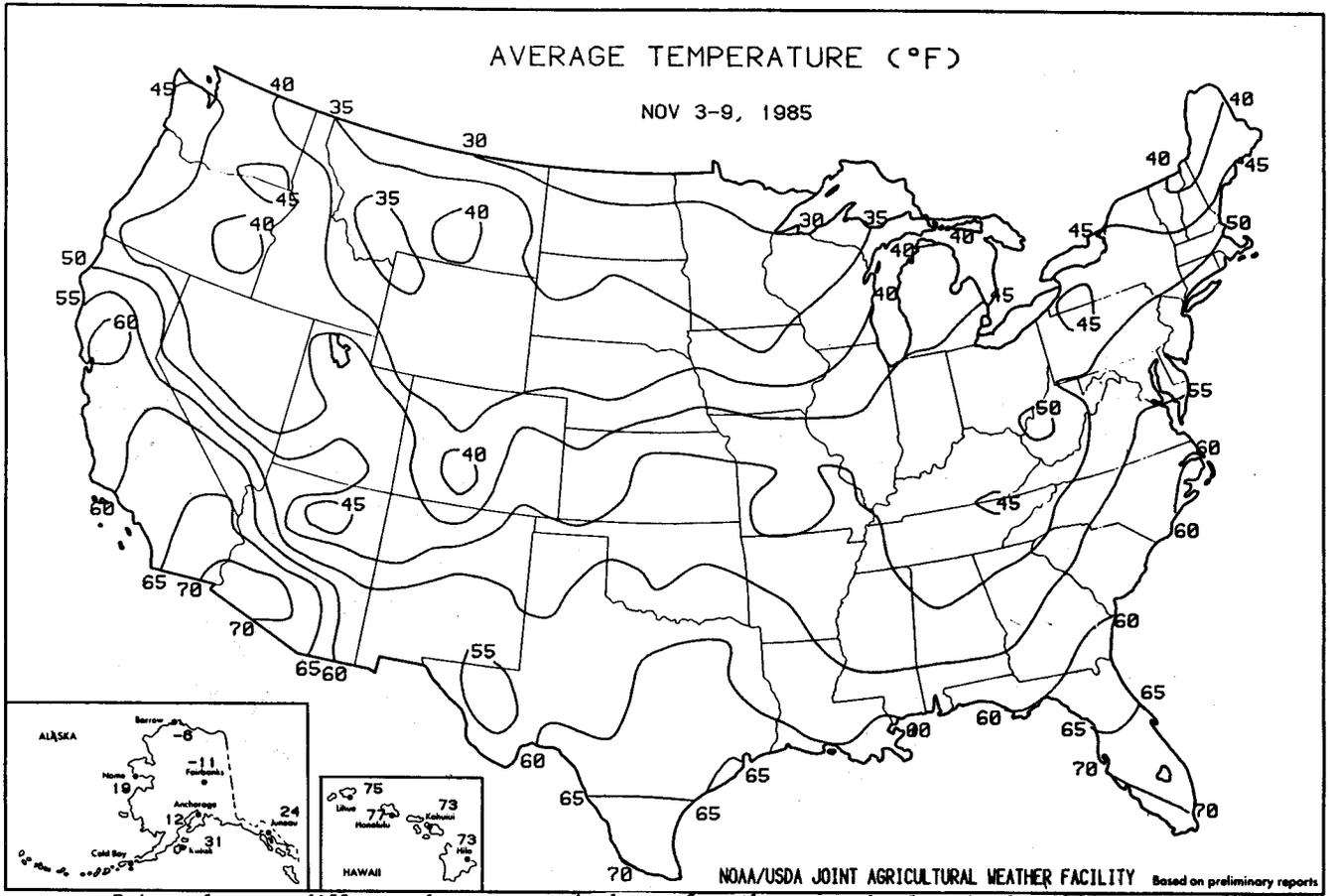


THE "GEOSTATIONARY OPERATIONAL ENVIRONMENTAL SATELLITE" (GOES) PICTURE OF THE ENTIRE WESTERN HEMISPHERE DEPICTS MOST OF NORTH AND SOUTH AMERICA. THE INTER-TROPICAL CONVERGENCE ZONE IS SEEN ALL THE WAY ACROSS THE PICTURE OF THE EQUATOR.

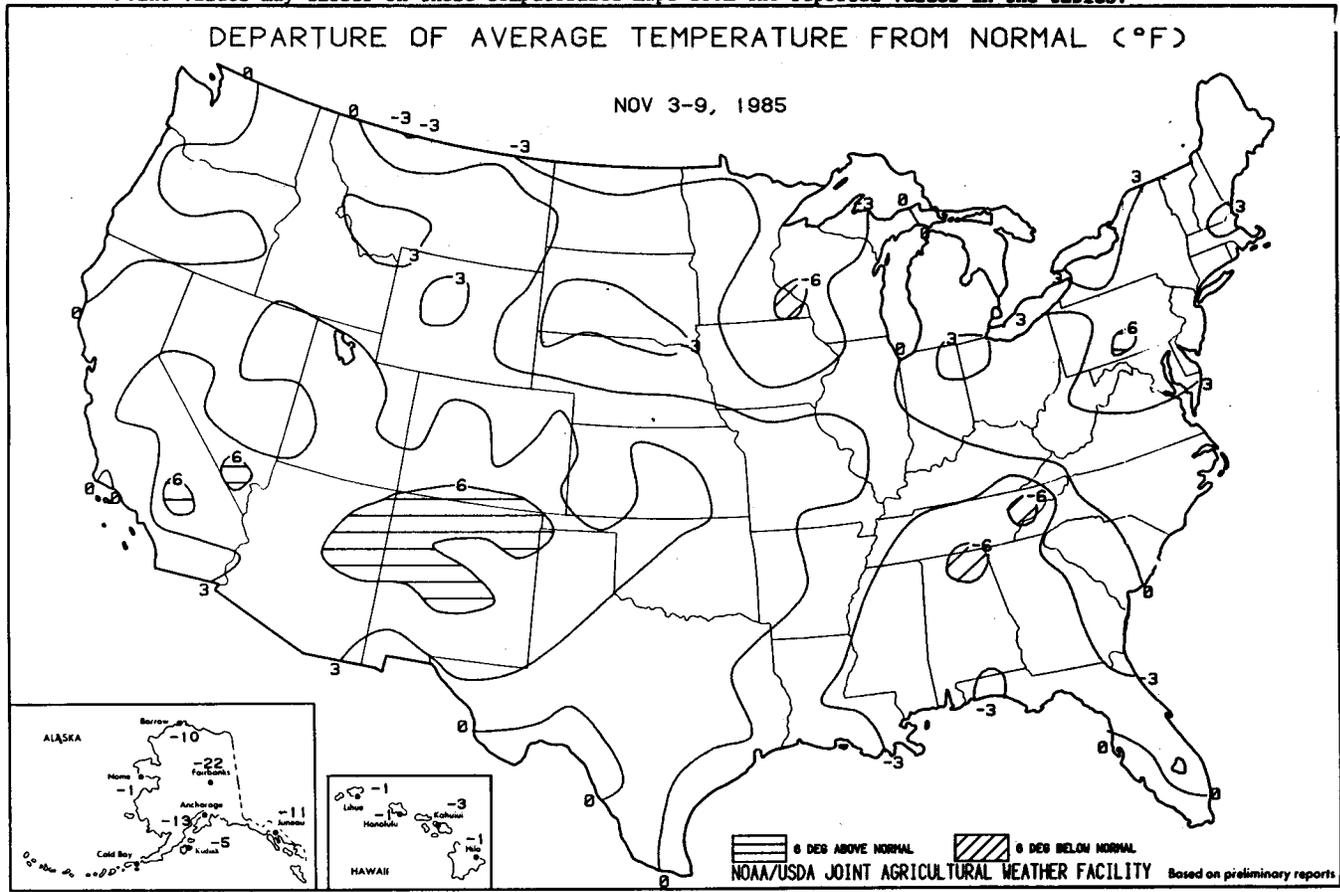
IN THE UNITED STATES, AN OUT-BREAK OF COLD ARCTIC AIR IS PLUNGING SOUTHWARD IN THE PLAINS AND ROCKIES. SNOW IS FALLING IN THE NORTHERN ROCKIES AND PLAINS. CLEAR WEATHER THROUGH MOST OF THE PLAINS AND WESTERN CORNBELT ALLOWS HARVEST AND PLANTING TO PROGRESS.

IN SOUTH AMERICA, A HIGH-PRESSURE SYSTEM IS BRINGING RELATIVELY CLEAR WEATHER TO THE CROP AREAS IN BRAZIL AND ARGENTINA. THE VERY DARK AREAS SHOWN ALONG THE COASTS OF CHILE AND PERU DEPICT THE HOT, DRY CONDITIONS TYPICAL OF THOSE COASTS.





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



0 DEG ABOVE NORMAL
 0 DEG BELOW NORMAL

Weather Data for the Week Ending November 9, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sept. 1	PCT. NORMAL SINCE Sept. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	62	37	70	30	50	-5	.1	-.7	.1	7.8	99	44.9	96	96	45	0	2	1	0
MOBILE	69	45	78	39	57	-4	.1	-.6	.1	23.8	238	64.2	114	93	46	0	0	0	0
MONTGOMERY	65	41	74	34	53	-4	.3	-.3	.3	7.6	100	40.4	96	94	48	0	0	1	0
AK ANCHORAGE	20	5	21	-4	12	-10	T	-.3	T	4.2	92	14.0	104	87	52	0	7	1	0
BARROW	0	-11	14	-21	-6	-10	T	0	T	1.1	88	3.4	77	86	76	0	7	1	0
FAIRBANKS	-1	-21	17	-29	-11	-22	T	-.1	T	3.7	186	10.9	118	81	68	0	7	1	0
JUNEAU	29	20	36	12	24	-11	.1	-.1	.1	10.8	68	31.7	72	92	54	0	7	3	0
KODIAK	37	26	42	7	31	-5	1.3	-.5	.5	12.6	63	58.8	92	93	66	0	5	4	1
NOME	23	14	34	1	19	-1	.6	-.3	.3	9.1	232	19.5	144	91	67	0	7	4	0
AZ PHOENIX	83	57	87	55	70	6	0	-.1	0	2.5	170	5.4	92	52	18	0	0	0	0
FRESNOCO	69	38	75	32	54	7	0	-.3	0	1.9	61	11.5	71	63	25	0	0	0	0
TUCSON	81	51	87	47	66	4	0	-.1	0	3.2	133	11.8	120	53	17	0	0	0	0
YUMA	86	58	91	54	72	5	0	-.1	0	1.6	260	2.0	91	18	18	1	0	0	0
AR FORT SMITH	69	40	77	33	55	1	1	-.8	0	8.5	113	38.9	112	49	35	0	0	0	0
LITTLE ROCK	65	44	72	41	55	0	0	-.9	0	13.4	176	40.1	102	74	43	0	0	0	0
CA BAKERSFIELD	74	48	82	40	61	2	2	-.1	0	.4	69	2.4	76	34	34	0	0	0	0
BUREKA	54	45	56	40	50	3	.9	-.4	.7	6.1	117	18.2	65	90	74	0	0	0	1
FRESNO	73	48	79	42	61	4	0	-.2	0	1.3	144	4.7	59	82	36	0	0	0	0
LOS ANGELES	70	56	78	54	63	0	0	-.3	0	.6	81	4.1	44	90	58	0	0	0	0
RED BLUFF	72	45	78	33	59	3	0	-.6	0	2.3	97	7.8	50	75	31	0	0	0	0
SACRAMENTO	71	57	79	34	59	2	0	-.4	0	1.0	61	5.4	43	92	32	0	0	0	0
SAN DIEGO	71	57	79	34	64	0	0	-.2	0	.5	58	2.8	39	91	53	0	0	0	0
SAN FRANCISCO	68	50	76	47	59	3	0	-.3	0	1.0	56	7.9	55	92	44	0	1	0	0
CO DENVER	60	28	72	13	44	2	2	-.6	-.4	3.7	149	15.1	106	73	26	0	5	2	1
GRAND JUNCTION	57	34	64	29	46	2	2	-.2	-.1	4.3	241	10.7	153	79	34	0	3	1	0
PUEBLO	63	27	76	19	45	1	1	-.1	-.1	1.0	55	11.9	117	88	27	0	6	1	0
CT BRIDGEPORT	57	46	62	42	52	2	3	-.2	-.2	4.2	54	30.1	86	81	57	0	0	1	1
HARTFORD	54	42	59	37	48	3	3	1.1	1.8	8.1	94	31.5	84	89	60	0	3	3	0
DC WASHINGTON	62	48	67	41	55	3	3	1.0	1.0	11.6	168	31.8	94	89	56	0	0	1	1
FL APALACHICOLA	71	50	79	43	60	3	3	-.1	-.1	16.9	138	58.2	119	94	58	0	0	3	1
DAYTONA BEACH	76	53	86	44	65	3	3	-.1	-.1	14.8	121	42.9	96	95	48	0	0	1	0
JACKSONVILLE	72	49	81	44	61	2	2	-.8	-.5	26.4	235	54.0	111	94	49	0	0	1	0
KEY WEST	81	70	87	64	75	2	2	-.1	-.1	9.6	78	37.4	105	85	55	0	0	2	0
MIAMI	79	60	87	53	70	0	0	-.4	-.2	14.1	86	51.7	95	89	47	0	0	0	0
ORLANDO	76	55	87	46	66	2	2	-.2	-.3	8.0	89	42.9	96	96	47	0	0	3	0
TALLAHASSEE	72	43	79	33	57	4	4	-.5	-.2	10.7	103	50.7	88	97	44	0	0	1	0
TEMPA	76	58	84	49	67	2	2	-.4	-.2	14.6	161	43.4	100	92	56	0	0	2	0
WEST PALM BEACH	79	57	88	50	68	1	1	-.7	-.2	12.6	68	46.2	83	93	47	0	0	2	0
GA ATLANTA	61	41	68	34	51	4	4	-.3	-.3	8.8	134	43.9	105	93	54	0	0	0	0
AUGUSTA	69	43	75	34	56	0	0	-.1	-.1	7.0	115	29.2	76	91	47	0	0	2	0
MAGON	66	41	73	33	54	4	4	-.1	-.1	5.7	98	29.6	76	93	51	0	0	2	0
SAVANNAH	70	47	78	42	59	2	2	-.4	-.4	4.2	52	32.7	72	93	46	0	0	0	0
HI HILO	82	65	85	62	73	1	1	-.1	-.1	18.3	88	104.6	100	89	57	0	0	0	0
HONOLULU	83	70	85	66	77	2	2	-.6	-.2	6.3	184	14.8	84	88	65	0	0	1	0
KAHULUI	81	65	84	63	73	3	3	-.2	-.3	4.2	230	10.6	69	95	66	0	0	1	0
LIHUE	81	69	83	64	75	1	1	-.1	-.2	6.5	77	23.5	68	92	65	0	0	4	1
ID BOISE	52	35	67	29	44	1	1	-.3	-.1	3.0	177	8.5	90	91	46	0	3	4	0
LEWISTON	51	39	58	33	45	2	2	-.1	-.1	2.5	120	8.9	84	86	52	0	0	1	0
POCATELLO	50	29	66	17	40	1	1	-.2	-.1	2.1	111	8.3	89	80	53	0	6	3	0
IL CHICAGO	49	36	55	29	42	-2	-2	1.4	1.1	11.1	178	34.7	116	88	57	0	1	3	1
MOLINE	49	32	52	26	41	-3	-3	1.1	1.1	12.4	175	34.8	103	92	58	0	3	2	1
EBORIA	52	35	60	32	43	-1	-1	.9	.7	9.8	145	35.7	113	93	53	0	2	2	1
QUINCY	57	35	66	30	46	0	0	1.0	.4	9.4	115	31.3	90	93	45	0	3	2	1
ROCKFORD	47	34	50	29	40	-2	-2	.9	.7	12.8	174	34.9	105	94	62	0	3	2	1
SPRINGFIELD	55	37	66	30	46	0	0	.3	-.2	4.5	72	30.3	100	94	52	0	3	2	0
IN EVANSVILLE	57	37	67	31	47	-1	-1	-.7	-.7	10.1	167	38.6	108	91	53	0	1	2	0
FORT WAYNE	53	40	58	30	47	3	3	-.2	-.4	5.4	93	28.3	94	94	60	0	1	3	0
INDIANAPOLIS	55	40	62	31	47	2	2	.4	-.3	5.2	85	35.8	105	95	67	0	1	2	0
SOUTH BEND	50	40	57	33	45	1	1	1.4	.7	7.1	97	31.8	95	96	60	0	0	4	1
IA DES MOINES	50	29	59	25	39	3	3	.3	-.2	9.4	163	25.8	90	89	47	0	6	2	0
SIoux CITY	49	29	66	26	39	2	2	.2	.2	5.9	130	22.1	92	92	52	0	5	3	0
WATERLOO	46	26	55	21	36	4	4	-.5	-.1	9.1	144	27.8	91	93	55	0	7	3	0
KS CONCORDIA	61	35	74	29	48	2	2	1	-.3	5.4	104	24.8	96	79	37	0	2	0	0
DODGE CITY	61	35	72	27	48	2	2	1	-.2	6.3	186	21.5	109	82	37	0	2	0	0
GOODLAND	60	29	73	19	45	3	3	.1	0	3.0	119	21.3	137	89	31	0	4	1	0
TOPEKA	63	33	71	26	48	2	2	1	-.4	13.5	196	41.9	136	93	44	0	3	1	0
WICHITA	66	36	74	32	51	2	2	1	-.4	11.5	178	31.3	117	93	39	0	1	0	0
KY BOWLING GREEN	56	38	66	29	47	2	2	.7	-.1	8.7	124	35.9	87	92	59	0	1	2	1
LEXINGTON	55	41	67	32	48	0	0	.6	-.1	7.0	109	32.5	82	89	58	0	1	1	0
LOUISVILLE	57	42	65	33	49	0	0	.6	-.2	6.4	93	33.1	88	88	57	0	0	4	0
LA ALEXANDRIA	68	45	78	40	57	4	4	-.4	-.4	22.4	279	58.5	126	97	51	0	0	1	0
BATON ROUGE	70	46	77	42	58	3	3	-.3	-.8	16.5	205	55.2	115	95	47	0	0	1	0
LAKE CHARLES	72	50	80	44	61	1	1	-.1	-.8	15.6	162	46.9	104	94	49	0	0	0	0
NEW ORLEANS	70	49	77	42	59	3	3	-.3	-.7	19.0	201	61.2	119	91	47	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending November 9, 1985

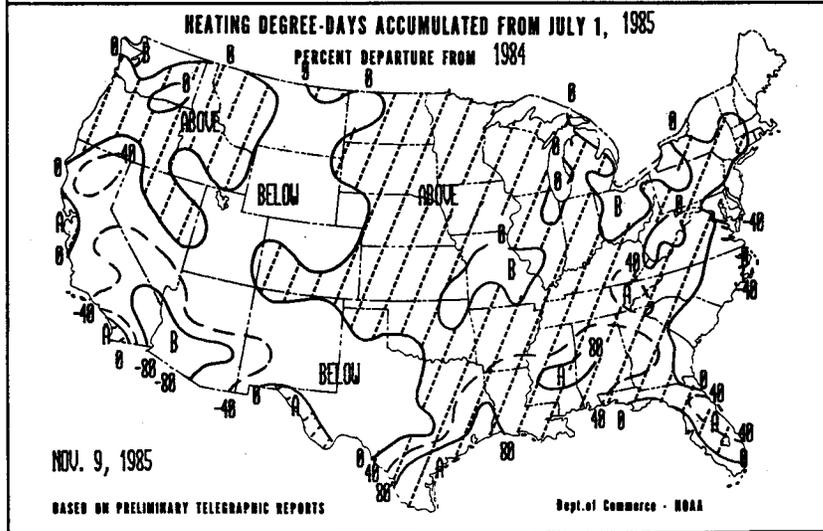
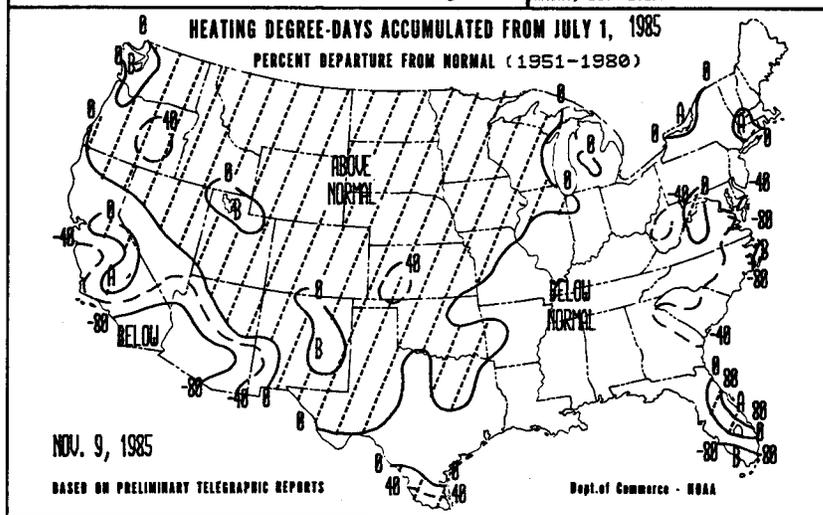
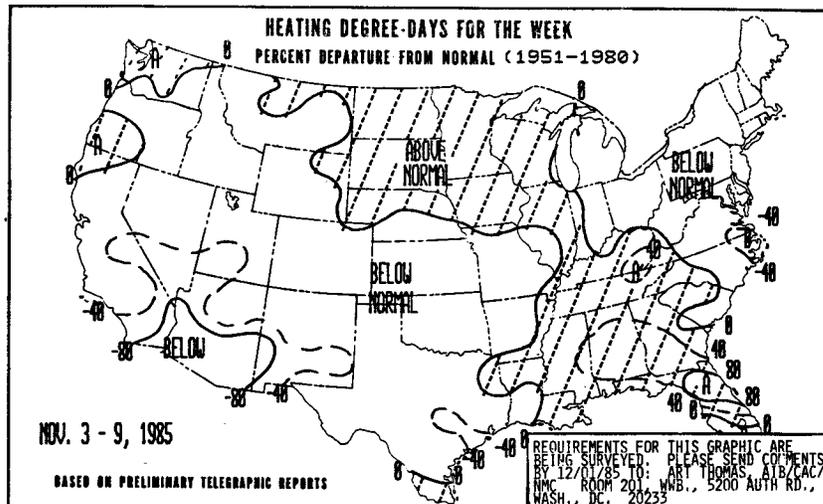
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEPT. 1	PCT. NORMAL SINCE SEPT. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
ME SHREVEPORT	72	44	82	39	58	-1	0	-0.8	0	14.5	208	43.9	118	94	38	0	0	0	0	
ME CARIBOU	45	34	50	22	40	4	0	1.7	-0.8	1.0	1.2	74	81	92	66	0	0	3	4	
MD PORTLAND	54	41	62	36	47	4	0	3.4	1.0	2.4	2.7	124	80	89	59	0	0	3	4	
MD BALTIMORE	61	45	67	38	53	3	0	1.3	0.6	1.0	1.0	133	90	88	55	0	0	0	4	
MA SALISBURY	62	45	66	36	54	3	0	0.7	0	8.8	0.5	102	83	94	56	0	0	0	4	
MA BOSTON	55	46	59	42	51	2	0	2.3	1.4	7.1	2.2	89	86	93	65	0	0	0	3	
MA CHATHAM	56	48	60	45	52	2	0	1.6	0.6	6.2	1.4	72	93	93	65	0	0	0	2	
MI ALPENA	44	36	50	25	40	2	0	1.0	0.5	6.9	0.4	124	115	99	70	0	0	2	5	
MI DETROIT	50	40	54	29	45	2	0	2.2	1.7	8.8	1.0	175	132	88	63	0	0	1	6	
MI FLINT	48	39	51	31	44	1	0	0.9	0.4	12.6	0.6	245	144	99	67	0	0	0	4	
MI GRAND RAPIDS	48	38	56	32	43	1	0	1.1	0.4	11.0	1.0	159	119	95	66	0	0	2	4	
MI HOUGHTON LAKE	45	36	51	25	40	1	0	0.6	0.1	8.6	0.5	153	119	91	66	0	0	2	4	
MI LANSING	48	38	53	33	43	1	0	0.8	0.3	7.5	0.7	140	119	96	65	0	0	0	2	
MI MARQUETTE	36	28	45	21	32	0	0	0.5	0.2	14.5	0.2	180	138	93	75	0	0	7	5	
MI MUSKOGON	47	39	53	32	43	0	0	1.5	0.8	11.1	1.1	185	135	93	67	0	0	2	4	
MI SAULT STE. MARIE	44	32	59	20	38	0	0	1.8	0	7.7	0.3	100	92	93	67	0	0	2	5	
MN ALEXANDRIA	41	25	55	14	33	0	0	0.2	0.2	5.3	0.1	116	118	96	63	0	0	3	5	
MN DULUTH	37	22	44	14	30	0	0	0.2	0.1	8.0	0.1	133	97	88	47	0	0	6	2	
MN INT'L FALLS	36	18	50	6	27	0	0	0.3	0.3	5.2	0.1	97	107	90	48	0	0	7	1	
MN MINNEAPOLIS	44	26	57	21	35	0	0	0.3	0.1	5.2	0.1	97	126	89	49	0	0	7	3	
MN ROCHESTER	41	24	52	19	32	0	0	0.3	0.1	8.3	0.2	174	118	85	45	0	0	7	3	
MS GREENWOOD	66	40	77	34	53	0	0	0.7	0.4	8.9	0.4	158	94	94	59	0	0	7	3	
MS JACKSON	68	40	79	35	54	0	0	0.7	0.4	10.6	0.4	146	75	91	34	0	0	7	0	
MS MERIDIAN	66	38	74	32	52	0	0	0.7	0.4	11.4	0.4	157	98	99	38	0	0	0	0	
MO CAPE GIRARDEAU	60	38	68	31	49	0	0	0.3	0.5	12.9	0.7	184	105	97	42	0	0	2	0	
MO COLUMBIA	61	36	74	30	49	0	0	0.3	0.5	6.4	0.2	90	107	91	46	0	0	1	2	
MO KANSAS CITY	61	35	66	28	48	0	0	0.3	0.2	17.0	0.2	218	146	87	39	0	0	2	2	
MO SAINT LOUIS	60	40	70	32	50	0	0	0.2	0.3	3.2	0.2	56	89	40	40	0	0	1	2	
MO SPRINGFIELD	62	37	72	31	49	0	0	0.1	0.5	6.8	0.1	82	119	90	41	0	0	2	1	
MT BILLINGS	51	31	74	12	41	0	0	0.4	0.2	3.2	0.2	119	85	72	41	0	0	4	3	
MT GLASGOW	42	25	68	15	34	0	0	0.1	0.1	1.6	0.1	106	111	88	49	0	0	5	2	
MT GREAT FALLS	43	29	62	11	36	0	0	0.4	0.2	4.7	0.1	224	113	88	52	0	0	5	5	
MT HAVRE	42	26	65	13	34	0	0	0.4	0.2	3.9	0.1	236	100	96	92	0	0	6	6	
MT HELENA	47	26	67	9	37	0	0	0.1	0	3.0	0.1	179	87	87	40	0	0	6	4	
MT KALISPELL	40	30	52	17	35	0	0	0.9	0.7	6.1	0.3	247	100	93	66	0	0	5	6	
MT MILES CITY	48	27	68	14	38	0	0	0.1	0	2.2	0.1	101	88	86	46	0	0	5	3	
MT MISSOULA	44	30	57	19	37	0	0	0.3	0.1	4.7	0.2	222	119	103	97	0	0	6	4	
NE GRAND ISLAND	55	30	68	25	42	0	0	0.1	0.1	7.8	0.1	205	127	89	43	0	0	6	2	
NE LINCOLN	56	30	71	26	43	0	0	0.1	0.3	5.8	0.1	117	116	85	43	0	0	5	0	
NE NORFOLK	50	28	68	25	39	0	0	0.2	0.1	5.7	0.2	154	108	91	46	0	0	6	1	
NE NORTH PLATTE	53	25	70	17	39	0	0	0.2	0.1	4.7	0.2	169	95	82	39	0	0	6	6	
NE OMAHA	53	33	65	27	43	0	0	0.2	0.3	4.8	0.1	81	21.0	74	77	55	0	0	3	0
NE SCOTTSBLUFF	53	23	73	13	38	0	0	0.2	0	3.9	0.1	197	72	91	44	0	0	7	0	
NE VALENTINE	50	22	70	15	36	0	0	0.3	0.2	3.8	0.3	158	87	80	42	0	0	6	1	
NV ELY	56	24	69	12	40	0	0	0.1	0.1	3.3	0.1	222	99	80	28	0	0	7	0	
NV LAS VEGAS	75	51	80	46	63	0	0	0.1	0	1.2	0.1	23	26	35	17	0	0	0	0	
NV RENO	62	32	73	24	47	0	0	0.1	0	1.2	0.1	159	57	78	25	0	0	4	6	
NV WINNEMUCCA	59	24	68	14	42	0	0	0.1	0	0.8	0.1	68	58	69	24	0	0	6	0	
NH CONCORD	52	38	55	27	45	0	0	1.7	0.9	1.5	0.9	125	87	95	64	0	0	2	3	
NJ ATLANTIC CITY	61	45	66	34	53	0	0	0.4	0.4	3.6	0.5	51	25.6	72	95	55	0	0	1	1
NM ALBUQUERQUE	66	38	71	31	52	0	0	0	0	3.8	0	199	105	142	62	21	0	1	0	
NM CLOVIS	68	37	73	31	53	0	0	0	0	7.7	0	195	27.5	170	81	28	0	1	0	
NM ROSWELL	74	42	81	37	58	0	0	0	0	2.9	0	103	12.4	135	76	21	0	0	0	
NY ALBANY	52	40	58	33	46	0	0	0.9	0.2	5.9	0.7	83	23.6	77	92	60	0	0	3	1
NY BINGHAMTON	50	40	55	32	45	0	0	0.5	0.2	7.8	0.2	108	86	85	58	0	0	1	4	
NY BUFFALO	50	42	55	37	46	0	0	5.6	4.8	10.7	1.7	145	118	97	76	0	0	7	3	
NY NEW YORK	59	49	63	45	54	0	0	1.4	0.5	1.2	0.6	87	30.6	84	84	56	0	0	2	1
NY ROCHESTER	50	41	54	34	45	0	0	4.0	3.4	1.8	0.8	148	25.5	95	75	0	0	0	7	
NY SYRACUSE	52	42	58	38	47	0	0	2.0	1.2	0.6	0.3	125	27.4	82	95	69	0	0	7	
NC ASHEVILLE	56	37	63	25	47	0	0	0.8	0.1	6.0	0.7	73	31.9	76	97	56	0	2	2	
NC CHARLOTTE	64	42	69	33	53	0	0	0.8	0.2	0.7	0.7	105	41.4	110	90	52	0	0	2	
NC GREENSBORO	63	41	68	31	52	0	0	1.9	1.3	1.1	0.5	74	31.2	84	93	53	0	1	3	
NC HATTERAS	70	55	78	46	62	0	0	7.7	6.6	7.7	32.8	272	64.0	134	87	55	0	0	2	
NC NEW BERN	70	48	79	36	59	0	0	2.9	2.2	2.5	1.8	185	48.3	102	94	47	0	0	2	
NC RALEIGH	66	43	72	32	54	0	0	1.8	1.2	1.0	0.3	62	32.0	87	86	47	0	1	2	
NC WILMINGTON	71	47	78	41	59	0	0	3.3	2.6	2.1	0.9	94	39.7	83	92	50	0	0	2	
ND BISMARCK	40	22	62	12	31	0	0	0	0	2.7	0.1	113	16.6	114	90	55	0	5	0	
ND FARGO	41	20	58	7	31	0	0	0	0	2.5	0	74	17.5	95	82	44	0	6	1	
ND GRAND FORKS	40	18	54	5	29	0	0	0	0	2.7	0.1	78	15.6	91	89	48	0	6	1	
ND WILLISTON	39	21	60	10	30	0	0	0	0	2.9	0.1	127	11.4	88	86	51	0	5	0	
OH AKRON-CANTON	51	42	55	30	46	0	0	4.1	3.5	1.8	0.6	109	30.9	98	98	79	0	1	6	
OH CINCINNATI	54	41	62	31	48	0	0	0.9	0.2	0.7	0.7	121	36.2	104	96	64	0	2	5	
OH CLEVELAND	52	42	56	30	47	0	0	5.1	4.5	2.1	1.0	173	35.0	114	94	74	0	2	1	
OH COLUMBUS	52	41	59	31	47	0	0	2.4	1.8	0.9	0.9	177	29.3	90	85	66	0	2	6	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending November 9, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE SEPT. 1	PCT. NORMAL SINCE SEPT. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE		PRECIPITATION	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	53	41	59	34	47	-1	1.1	-.5	.8	4.8	92	26.8	88	85	57	0	0	5	1
TOLEDO	52	41	56	33	46	3	1.7	1.2	1.0	7.3	143	32.5	119	93	65	0	0	6	2
YOUNGSTOWN	50	42	54	32	46	3	4.6	3.9	2.8	8.6	131	33.1	102	97	76	0	1	5	3
OK OKLAHOMA CITY	67	41	75	34	54	1	0	-.4	0	9.9	149	40.3	140	76	39	0	0	0	0
TULSA	69	43	77	36	56	3	0	-.6	0	9.6	111	43.6	124	82	36	0	0	0	0
OR ASTORIA	52	43	56	35	47	-1	2.4	-.3	.6	14.5	121	36.0	71	99	77	0	0	7	1
BURNS	49	25	65	12	37	-2	1.0	-.8	.7	2.9	166	7.3	116	71	11	0	0	6	1
MEDFORD	53	35	65	31	44	-2	.6	-.1	.3	3.6	112	8.4	59	98	62	0	0	2	0
PENDLETON	53	40	64	33	47	3	.9	-.5	.4	3.8	194	8.8	93	77	71	0	2	4	0
PORTLAND	53	43	65	34	48	1	2.0	1.0	.9	7.5	125	18.3	67	96	51	0	0	3	2
SALEM	53	42	66	35	48	1	2.6	1.4	1.3	7.0	109	18.8	65	96	62	0	0	3	2
PA ALLENTOWN	56	44	65	33	50	4	1.1	-.3	.8	11.8	145	38.5	102	89	78	0	0	5	2
ERIE	52	45	55	39	49	4	5.2	4.3	2.4	13.3	159	38.1	114	92	65	0	0	7	1
HARRISBURG	56	45	64	36	51	3	1.1	-.3	.7	6.1	84	27.7	82	84	59	0	0	3	1
PHILADELPHIA	61	47	66	40	54	5	1.0	-.3	.6	8.3	116	29.1	82	92	57	0	0	3	1
PITTSBURGH	53	42	60	32	48	3	4.0	3.4	1.7	7.1	118	29.6	92	89	63	0	1	5	2
SCRANTON	55	43	63	35	49	4	.7	0	.4	10.5	149	34.5	113	87	58	0	0	4	0
RI PROVIDENCE	57	43	61	35	50	3	3.5	2.5	2.5	7.0	83	35.7	94	94	62	0	0	4	2
SC CHARLESTON	70	48	76	43	59	-1	.5	0	.5	8.4	99	45.0	96	95	51	0	0	1	0
COLUMBIA	68	43	72	30	55	-1	.2	-.4	.2	9.0	120	41.4	95	98	46	0	1	2	0
FLORENCE	69	46	73	35	58	0	2.1	1.6	2.1	6.1	87	29.7	75	95	49	0	0	2	1
GREENVILLE	63	39	70	29	51	-3	.8	.1	.1	8.6	99	38.5	87	96	55	0	1	2	0
SD ABERDEEN	44	24	61	18	34	-1	.1	-.1	.4	3.6	135	16.6	99	87	47	0	6	2	0
HURON	45	25	64	20	35	-2	.7	-.5	.7	5.1	168	22.6	128	92	53	0	6	2	1
RAPID CITY	46	23	71	11	35	-4	.7	.6	.4	3.3	162	11.3	73	84	50	0	6	2	0
SIoux FALLS	45	26	64	21	35	-3	.8	.6	.7	4.9	105	25.5	112	91	55	0	6	2	1
TN CHATTANOOGA	59	39	68	29	49	-3	.9	0	.7	6.7	80	34.7	78	95	53	0	6	5	1
KNOXVILLE	56	36	69	27	46	-5	1.8	1.0	1.4	5.4	80	30.7	77	97	59	0	3	3	1
MEMPHIS	63	41	74	35	52	-2	.5	-.2	.3	7.4	106	40.6	93	82	38	0	3	1	0
NASHVILLE	59	39	69	29	49	-3	.5	-.2	.3	5.2	72	27.1	66	89	47	0	2	3	0
TX ABILENE	71	46	78	36	58	2	0	-.4	0	4.1	69	21.0	97	75	36	0	2	0	0
AMARILLO	69	37	76	32	53	4	0	-.2	0	8.2	248	21.9	120	81	28	0	2	0	0
AUSTIN	76	51	81	44	63	1	0	-.6	0	10.5	136	27.4	98	86	39	0	2	0	0
BEAUMONT	74	50	80	43	62	-1	0	-.9	0	19.7	180	62.3	138	98	45	0	0	0	0
BROWNSVILLE	81	55	86	45	68	-2	0	-.4	0	10.3	110	31.6	135	96	43	0	0	0	0
CORPUS CHRISTI	77	54	83	46	66	-2	0	-.4	0	12.6	128	34.2	123	95	48	0	0	0	0
DEL RIO	74	51	84	42	63	0	0	-.3	0	4.3	80	17.1	106	82	40	0	0	0	0
EL PASO	73	43	78	35	58	3	0	-.1	0	3.3	147	8.1	113	75	25	0	0	0	0
FORT WORTH	71	47	79	41	59	0	0	-.4	0	7.3	115	27.0	102	82	39	0	0	0	0
GALVESTON	73	58	78	51	65	0	0	-.7	0	7.2	78	37.3	109	90	50	0	0	0	0
HOUSTON	76	51	83	44	64	1	0	-.8	0	11.6	121	40.8	105	87	42	0	0	0	0
LUBBOCK	70	42	76	34	56	4	0	-.2	0	8.4	201	22.7	134	80	28	0	0	0	0
MIDLAND	71	43	77	35	57	1	0	-.2	0	9.1	246	16.3	126	92	37	0	0	0	0
SAN ANGELO	72	44	76	34	58	0	0	-.3	0	8.8	161	21.7	128	91	39	0	0	0	0
SAN ANTONIO	76	50	81	42	63	0	0	-.6	0	10.3	139	37.7	144	84	37	0	0	0	0
VICTORIA	77	51	83	41	64	-1	0	-.5	0	5.9	58	36.5	110	95	42	0	0	0	0
WACO	74	48	82	40	61	1	0	-.6	0	10.4	149	27.6	100	92	41	0	0	0	0
WICHITA FALLS	72	43	81	35	57	2	0	-.4	0	5.2	80	29.4	120	77	36	0	0	0	0
UT BLANDING	60	33	65	28	46	4	0	-.2	0	4.8	180	13.5	138	74	28	0	3	0	0
CEDAR CITY	62	32	68	21	47	4	0	-.2	0	2.4	123	8.9	100	68	25	0	3	0	0
SALT LAKE CITY	59	38	67	29	48	5	0	.1	.2	4.0	167	13.4	102	78	36	0	1	3	0
VT BURLINGTON	49	39	53	32	44	4	1.7	1.0	.8	8.2	120	29.6	101	91	58	0	1	3	0
VA NORFOLK	66	49	71	37	57	3	1.2	.5	1.1	11.8	136	39.8	99	81	49	0	0	4	2
RICHMOND	65	46	71	38	56	4	2.1	1.3	1.5	13.4	162	45.0	117	79	50	0	1	3	2
ROANOKE	61	43	67	32	52	2	7.7	7.0	6.6	14.8	199	46.4	134	81	47	0	0	3	2
WA COLVILLE	44	34	52	29	39	2	.6	.2	.4	4.8	186	11.8	87	95	85	0	3	3	0
QUILLAYUTE	50	37	55	33	44	-2	2.3	-.7	1.0	24.4	124	53.5	69	100	78	0	3	7	1
SEATTLE-TACOMA	50	43	56	37	46	0	.6	-.6	.4	8.9	127	20.3	72	92	71	0	5	7	0
SPOKANE	44	32	53	24	38	0	1.4	1.0	.7	4.5	195	9.7	76	97	72	0	0	4	1
YAKIMA	52	29	61	20	41	-1	.3	.1	.3	1.9	180	4.2	70	91	52	0	4	2	0
WV BECKLEY	54	38	68	31	46	1	3.1	2.5	2.5	5.3	79	31.3	85	93	66	0	1	5	1
CHARLESTON	59	42	74	34	51	2	4.0	3.4	2.2	8.4	130	33.9	91	88	53	0	0	5	3
HUNTINGTON	56	41	72	33	48	-1	2.5	1.9	1.4	9.1	146	38.8	109	96	67	0	0	5	3
PARKERSBURG	55	44	64	34	49	2	3.2	2.6	1.7	8.9	156	29.1	80	95	72	0	6	6	2
WI GREEN BAY	42	32	48	25	37	-2	.9	.4	.7	9.7	167	35.0	138	93	65	0	4	3	1
LA CROSSE	44	29	53	25	36	-4	.2	-.1	.1	7.8	129	25.0	89	92	55	0	5	3	0
MADISON	43	30	49	26	36	-3	1.4	1.0	.7	12.9	219	34.6	123	94	64	0	5	3	0
MILWAUKEE	46	37	49	33	42	0	1.8	1.3	1.5	12.6	222	31.3	114	92	63	0	5	2	1
WAUSAU	39	29	46	21	34	-3	.2	-.3	.1	11.1	166	31.3	108	88	60	0	5	3	0
WY CASPER	50	25	68	7	37	1	.2	0	.1	1.8	94	9.3	89	84	42	0	5	5	0
CHEYENNE	50	26	65	10	38	0	.2	0	.2	2.8	147	18.3	145	81	38	0	5	3	0
LANDER	53	25	68	13	39	4	0	-.1	-.1	2.0	85	7.6	63	73	28	0	5	1	0
SHERIDAN	48	24	71	10	36	0	.3	.1	.2	3.2	125	10.5	77	88	45	0	6	2	0
FR SAN JUAN	88	76	89	74	82	2	1.1	-.2	.9	17.6	130	39.0	85	94	66	0	0	2	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS



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

LAST DATE OF DATA COLLECTION PERIOD IS 11- 9-1985
ACCUMULATIONS ARE FROM JULY
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	TOTAL	WEEK	WEEK	CUM	CUM	CUM	CUM	CUM
		DEV	DEV	DEV	TOTAL	DEV	DEV	DEV	DEV
		FROM	FROM	FROM	FROM	FROM	FROM	FROM	FROM
		NORM	L	TR	NORM	L	YR	NORM	L
								PRCT	FRCT
AL BIRMINGHAM	BRM	105	33	38	196	-37	83		
AL MOBILE	MOB	54	14	17	84	-15	26	**	**
AL MONTGOMERY	MGM	82	26	28	120	-36	45	-23	60
AK ANCHORAGE	ANC	367	88	78	2535	247	434	11	21
AK BARROW	BRW	490	61	0	4961	161	453	3	10
AK FAIRBANKS	FAI	527	140	109	3063	318	342	12	13
AK JUNEAU	JNU	282	72	50	2211	141	148	7	7
AK KODIAK	ADQ	334	36	26	2277	162	409	8	22
AK NOME	OME	321	8	0	3180	35	71	1	2
AZ FLAGSTAFF	FLG	143	-38	-12	1120	0	-22	0	-2
AZ PHOENIX	PHX	0	-23	-1	0	-40	-8	**	**
AZ PRESCOTT	PRC	79	-47	-11	475	-56	-45	-11	-9
AZ TUCSON	TUS	2	-31	-7	21	-48	-35	**	**
AZ WINSLOW	INW	78	-48	-14	460	20	-43	5	-9
AZ YUMA	YUM	0	-11	-1	0	-21	-3	**	**
AR FORT SMITH	FSM	73	-9	25	262	5	39	2	17
AR LITTLE ROCK	LMI	71	-3	22	219	-13	19	-6	9
CA BAKERSFIELD	BFL	29	-11	-10	120	22	-59	**	**
CA EUREKA	EKA	104	15	28	1072	-143	133	-12	14
CA FRESNO	FAT	30	-29	-17	99	-64	-77	-39	-44
CA LOS ANGELES	LAX	15	-8	-3	31	-110	-23	-78	-43
CA RED BLUFF	RRL	41	-18	-47	154	-8	-133	-5	-46
CA SACRAMENTO	SAC	44	-18	-7	161	-1	-17	-1	-10
CA SAN DIEGO	SAN	7	-14	4	10	-56	3	**	**
CA SAN FRANCISCO	SFO	40	-20	-23	355	-140	47	-28	15
CA STOCKTON	SKC	41	-18	-25	199	51	-25	34	-11
CO DENVER	DTN	144	-17	7	854	102	-124	14	-13
CO GRAND JUNCTION	GJT	133	-12	14	679	106	19	18	3
CO PUEBLO	PUB	139	-10	17	757	135	1	22	0
CT BRIDGEPORT	BRB	91	-21	-31	455	-20	3	-4	-1
CT HARTFORD	HDL	117	-21	-41	697	22	1	3	0
DC WASHINGTON	ILG	80	-32	-51	354	-105	-56	-23	-14
DE WASHINGTON	DCA	68	-23	-44	247	-78	11	-24	5
FL APALACHICOLA	AQQ	34	9	-1	37	-18	-7	**	**
FL DAYTONA BEACH	DAB	22	12	13	22	10	13	**	**
FL FORT MEYER	FMY	0	-3	0	0	-3	0	**	**
FL JACKSONVILLE	JAX	37	11	-1	39	-17	-5	**	**
FL KEY WEST	EYW	0	0	0	0	0	0	**	**
FL MIAMI	MIA	2	2	2	2	2	2	**	**
FL ORLANDO	NCO	14	9	5	14	8	5	**	**
FL TALLAHASSEE	TLE	54	21	8	67	-11	7	**	**
FL TAMPA	TPA	9	0	-2	9	-2	-2	**	**
FL WEST PALM BEACH	PRI	6	6	6	6	6	6	**	**
GA ATLANTA	ATL	94	22	2	187	-41	54	-18	41
GA AUGUSTA	AGS	59	-2	-14	94	-88	-1	-48	-1
GA MACON	MCN	77	23	16	130	-23	41	-15	46
GA SAVANNAH	SAV	46	5	-12	65	-43	-4	-40	-6
HI HILO-HAWAII	IHO	0	0	0	0	0	0	**	**
HI HONOLULU-OAHU	HNL	0	0	0	0	0	0	**	**
HI KAUAI	KAU	0	0	0	0	0	0	**	**
HI LIHUE-KAUAI	LIE	0	0	0	0	0	0	**	**
ID BOISE	BOI	149	-5	-15	957	199	-3	26	0
ID LEWISTON	LWS	138	-17	1	911	156	61	21	7
ID POCATELLO	PIB	176	-7	-16	1168	172	64	17	6
IL CHICAGO	ORD	158	12	9	715	79	-20	12	-3
IL MOLINE	MLI	170	19	55	691	53	43	8	7
IL PEORIA	PIA	152	7	38	589	-25	26	-4	5
IL QUINCY	UIN	133	-2	34	538	-3	25	-1	5
IL ROCKFORD	RFD	170	9	20	780	33	56	4	8
IN SPRINGFIELD	SHV	131	21	24	493	20	-5	6	1
IN EVANSVILLE	EVV	122	7	15	407	-35	83	-8	26
IN FORT WAYNE	FWA	128	-19	1	591	-83	82	-12	16
IN INDIANAPOLIS	IND	123	-13	9	487	-76	77	-13	19
IN SOUTH BEND	SBN	139	-6	9	608	-67	49	-10	9
IA DES MOINES	DSM	177	25	60	767	140	44	22	6
IA DUBUQUE	DBQ	193	23	48	967	150	203	18	27
IA SIOUX CITY	SUX	180	14	47	876	167	70	24	9
IA WATERLOO	ALO	203	29	59	907	53	72	6	9
KS CONCORDIA	CHK	119	-17	28	612	100	5	20	1
KS DOGGE CITY	DDC	116	-12	37	642	110	41	21	2
KS GOODLAND	GLD	138	-25	12	853	141	12	20	1
KS TOPEKA	TOP	115	-13	49	539	36	8	7	2
KS WICHITA	ICT	96	-20	25	472	70	27	17	6
KY BOWLING GREEN	BMG	122	13	21	349	-59	44	-14	14
KY LEXINGTON	LXN	119	1	-1	383	-91	67	-19	21
KY LOUISVILLE	SDF	109	-1	-2	340	-81	43	-19	14
LA ALEXANDRIA	AEX	60	19	32	115	0	46	0	67
LA BATON ROUGE	BTR	47	11	23	71	-21	23	**	**
LA LAKE CHARLES	LCH	35	-3	15	62	-27	22	**	**
LA NEW ORLEANS	MSY	40	8	19	58	-14	18	**	**
LA SHREVEPORT	SHV	55	4	24	132	-7	43	-5	48
ME CARIBOU	CAR	177	-28	-35	1280	-207	-85	-14	-6
ME PORTLAND	PMN	124	-37	-59	801	-195	-152	-20	-16
MD BALTIMORE	BWI	81	-26	-49	346	-79	-25	-19	-7
MD SALISBURY	SBY	78	-22	-29	303	-97	19	-24	7
MA BOSTON	BOS	100	-14	-46	520	-40	-171	-7	-25
MA CHATHAM	CHH	90	-28	-19	530	-140	-46	-21	-8
MA ALPENA	APN	173	-9	-19	1122	-61	-36	-5	-3
MI DETROIT	DTW	137	-14	-15	664	-76	-31	-10	-4
MI FLINT	FNT	150	-7	5	780	-63	38	-7	5
MI GRAND RAPIDS	GRR	154	-4	18	802	-2	71	0	10
MI HOUGHTON LAKE	HTL	171	-11	-15	1043	-121	19	-10	2
MI LANSING	LAN	150	-8	-3	825	2	-7	0	-1
MI MARQUETTE	MQT	230	18	14	1546	97	123	7	9
MI MUSKEGON	MKG	152	-2	3	794	-17	-11	-2	-1
MI SAULT ST MARIE	SSM	188	-7	-10	1305	-83	-51	-6	-4
MI ALEXANDRIA	AXN	225	13	26	1243	117	56	10	5
MI DULUTH	DLE	247	26	18	1634	190	254	13	18
MI INT'L FALLS	INTL	263	24	8	1693	155	143	10	9
MI MINNEAPOLIS	MSP	209	22	35	1059	150	107	17	11
MI ROCHESTER	RST	226	35	48	1185	199	148	20	14
MI SAINT CLOUD	STC	228	19	29	1299	168	132	15	11
MS GREENWOOD	GWO	85	17	35	161	-61	44	-27	38
MS JACKSON	JAN	75	15	31	159	-13	71	-8	81
MS MERIDIAN	MEI	90	26	44	170	-33	86	-16	102
MO CAPE GIRARDEAU	CGI	108	0	32	344	-28	41	-8	14
MO COLUMBIA	COU	112	-11	26	461	-15	-6	-3	-1
MO KANSAS CITY	KCI	118	-6	37	548	94	5	21	1
MO SAINT LOUIS	STL	100	-15	14	340	-103	-38	-23	-10
MO SPRINGFIELD	SOF	107	-7	33	420	-7	35	-2	-17
MT BILLINGS	BTB	168	-16	1	1091	12	-222	12	-17
MT GLASGOW	CGG	215	-2	10	1450	256	21	21	1
MT GREAT FALLS	GTF	199	8	19	1506	371	35	33	2
MT HAVER	HVR	218	3	14	1501	275	-124	22	-8
MT HELENA	HLN	196	-14	12	1490	187	132	14	10
MT KALISPELL	FCA	206	-12	13	1683	169	53	11	3
MT MILES CITY	MLS	191	-9	17	1139	116	-99	11	-8
MT MISSOULA	MSO	193	-18	-5	1531	221	170	17	12
NE GRAND ISLAND	GRI	157	-3	40	831	118	61	17	8
NE LINCOLN	LNX	151	-2	37	744	104	34	16	5
NE NORFOLK	OFK	180	10	59	911	123	151	16	20
NE NORTH PLATTE	NBP	182	2	27	1002	143	24	17	2
NE OMAHA	OMA	152	6	44	755	157	52	26	7
NE SCOTTSBLUFF	BFF	184	7	27	1057	189	71	22	7
NE VALENTINE	VTV	203	16	46	1031	133	14	15	1
NE WY	ELY	172	-21	-7	1262	95	39	8	3
NE WY LAS VEGAS	LVS	14	-42	-16	49	-83	-118	-63	-71
NE WY RENO	RNO	122	-33	-35	838	-65	-36	-7	-4
NE WY WINNEMUCA	WMC	159	-10	-16	1140	116	112	19	11
NE WY CONCORD	COM	139	-28	-47	894	-87	-64	-9	-7
NJ ATLANTIC CITY	ACT	83	-31	-29	386	-83	48	-18	14
NM ALBUQUERQUE	ABQ	89	-32	-8	409	4	-175	1	-30
NM CLOVIS	CVS	83	-27	15	431	36	-69	9	-14
NM ROSWELL	ROW	46	-42	-6	248	-13	-110	-5	-31
NY ALBANY	ALB	128	-25	-39	781	-32	28	-4	4
NY BINGHAMTON	BGM	140	-23	-38	856	-72	40	-8	5
NY BUFFALO	BUF	132	-15	-33	679	-103	-140	-13	-17
NY NEW YORK	LGA	74	-26	-39	306	-101	-5	-25	-2
NY ROCHESTER	ROC	136	-9	-17	765	-1	72	0	10
NY SYRACUSE	SYR	125	-20	-51	736	-41	-154	-5	-17
NC ASHEVILLE	AVL	126	14	-16	421	-62	66	-13	19
NC CAPE HATTERAS	HAT	27	-22	-9	28	-109	-34	-80	-55
NC CHARLOTTE	CLT	83	4	-34	205	-70	9	-25	5
NC GREENSBORO	GSO	91	-5	-35	325	-28	49	-8	18
NC NEW BERN	ENH	47	-15	-18	70	-132	-22	-65	-24
NC RALEIGH DURHAM	RDU	72	-13	-41	209	-94	-14	-31	-6
NC WILMINGTON	ILM	42	-12	-20	61	-101	-35	-62	-36
ND BISMARCK	BIS	17	29	137	187	65	16	3	0
ND FARGO	FAR	240	23	25	1335	189	112	16	9
ND GRAND FORKS	GFK	249	20	8	1480	180	126	14	9
ND WILLISTON	ISM	244	18	15	1483	223	-60	18	-4
OH AKRON-CANTON	CAX	127	-15	-22	609	-81	-37	-12	-6
OH CLEVELAND	CLE	124	-14	-23	606	-69	-55</		

National Agricultural Summary

NOVEMBER 4 to 10, 1985

HIGHLIGHTS: Virtually rainless weather from the Northern Rockies down through the Great Plains and into Texas aided fall row crop harvesting and winter wheat seeding. Precipitation in portions of the Corn Belt and in the Southeast slowed harvesting progress. Fieldwork averaged 3 days or less in the Southeastern and Appalachian States. Farmers were able to work 4 days or more in most other areas. Soil moisture was generally adequate to surplus in most areas.

Winter wheat was 90 percent (%) seeded, compared with 88% last year and the 91% average. Emergence was 3 points behind normal. Corn harvest surged 14 points ahead of last week to 73% completion, but still lags 10 points behind normal. Soybeans were 73% combined, 8 points behind the average but 6 points ahead of 1984. Cotton bolls were completely open in all the major producing States except Texas. Harvest was 56% finished, just slightly behind normal. Sorghum harvest was 2 points ahead of normal. Citrus fruit harvest continued gaining momentum in Florida. Pecans were harvested in the Southeast as weather permitted. Pastures continued improving throughout the southern half of the Nation. Livestock were mostly good, but supplemental feeding increased in snow-covered areas.

SMALL GRAINS: Winter wheat was mostly good. Ample moisture continued providing growth in most areas. In the 18 major producing States, seeding was 90% finished, compared with 88% last year and the 91% average. Emergence was 3 points behind normal, with 80% of the acreage now up to stand. Seeding lagged behind normal in 9 of the 18 major producing States. In the Central Plain States, seeding was ahead of or equaled the norm. In Kansas, seeding was 1 point below the average and was finished in Nebraska. Crop conditions were good in Nebraska and excellent to good in Kansas. Seeding advanced rapidly in Texas but remained 7 points slower than normal. Emerged wheat showed good growth from the recent moisture. Wetness hampered seeding in the Southeast. Georgia's seeding pace reached 32% completion, 8 points slower than normal.

CORN: Corn harvest surged 14 points ahead of last year but still lags 10 points behind normal. Harvest exceeded or equaled the average in only Colorado, Kansas, and Texas. Harvest increased 15 points from the previous week in South Dakota to 50% completion, but was still 35 points below the average. Iowa corn producers harvested 70% of the acreage, compared with last year's 90% and the 89% average. Michigan's harvest was 13 points below average. Harvest was 10 points behind normal in Minnesota and Ohio and 9 points behind normal in Missouri, Nebraska, and Pennsylvania.

SOYBEANS: Harvesting reached 73% completion in the 19 major producing States, 6 points ahead of last year, but 8 points behind the average. Harvest was behind normal in all States, but

Arkansas, Minnesota, and Nebraska equaled the average. Wet weather plagued harvesting progress in the Southeast, with Louisiana behind by 29 points.

COTTON: Cotton bolls were completely open in all States except Texas, which trailed norm by 5 points. Harvest was 56% finished in the 14 major producing States just slightly behind normal. Wet weather slowed harvest in Georgia, Tennessee, and Texas. Harvest was behind normal in all three States and in New Mexico.

OTHER CROPS: Sorghum was 86% harvested, compared with 83% last year and 84% normally. Harvesting lagged behind normal in Missouri, South Dakota, and Texas. Harvest was winding down in Texas' Plains and began increasing in the Cross-Timbers area.

Peanuts were 47% harvested in Texas, compared with 62% normally. Digging increased over the State, but yields remained lower than expected.

Stripping burley tobacco was active in most burley tobacco States. About 42% of Kentucky's crop was stripped and quality was good. Tennessee's crop was 55% stripped, equaling the average.

VEGETABLES: Florida's vegetable harvest increased seasonally. Sweet corn, cucumbers, pickles, eggplant, squash, tomatoes, snap beans, radishes, and peppers provided the largest volume. Celery, lettuce, escarole, and carrot supplies were light but gained momentum. In Texas onion and cabbage planting continued in the Rio Grande Valley. In the San Antonio - Winter Garden area, cabbage and cucumber harvest continued. Some cabbages were lost because of insect damage. Arizona's vegetable and melon movement was seasonally active in the Salt River Valley, Aguila, and Casa Grande - Eloy - Marana areas. In the Willcox area, lettuce and chipper potato harvests were winding down. California growers harvested a variety of mixed vegetables, mostly cauliflower, carrots, cantaloups, broccoli, celery, and lettuce.

FRUIT AND NUTS: Pecan harvest slowed in the Southeast but gained momentum in the West and in Texas. Excessive moisture caused sprouting in Texas, and some producers encountered difficulty breaking nuts away from trees. Florida citrus groves were in good condition. Some rain fell but more is needed. Many growers began irrigating as new growth slowed. Early orange and grapefruit harvest increased. California fruit growers pruned, applied weed control, and cultivated deciduous orchards. Desert grapefruit and tangerine harvests were in full swing. Lemon harvest was half complete in the Desert and harvest began in the Central Valley.

PASTURES AND LIVESTOCK: Pastures continued improving throughout the southern half of the Nation. Livestock was mostly good. Supplemental feeding increased in snow-covered areas. Movement of livestock to crop stubble increased along with harvest.

CROP PROGRESS

FOR WEEK ENDING NOV 10, 1985

HIGHLIGHTS

CORN FOR GRAIN production is forecast at a record high 8.72 billion bushels, up 14 percent from last year and 6 percent more than the previous record set in 1982. The forecast is up over 1 percent from the October 1 forecast. The 90 percent confidence interval for this production forecast is 8.32 to 9.11 billion bushels.

SORGHUM FOR GRAIN production is forecast at a record high 1.13 billion bushels, down slightly from the October 1 forecast but 30 percent above last year's crop.

FEED GRAIN production (corn, sorghum, oats and barley) is expected to total 271 million metric tons, up 15 percent from 1984 and nearly double the 1983 output.

SOYBEAN production is forecast at 2.13 billion bushels, 1 percent more than the October 1 forecast and 14 percent above 1984. The 90 percent confidence interval for this 1985 production forecast is 2.01 to 2.25 billion bushels.

ALL COTTON production is forecast at 13.9 million bales, 2 percent above October 1 and 7 percent above the 1984 crop. The 90 percent confidence interval for this production forecast is 13.0 to 14.8 million bales.

PEANUT production is expected to total 4.22 billion pounds, one percent below the October 1 forecast and down 4 percent from the record high crop set in 1984.

ALL TOBACCO production is expected to total 1.53 billion pounds, virtually the same as the October 1 forecast but down 12 percent from last year's production.

FALL POTATO production is forecast at a record high 346 million cwt, up 11 percent from last year and 7 percent above the previous record high set in 1978. All potato production totals a record high 400 million cwt, up 10 percent from last year and 20 percent above 1983.

	SORGHUM % HARVESTED		
	1985	1984	AVG.
ARK	98	90	97
KANS	85	80	75
MO	73	80	82
NEBR	92	90	85
OKLA	80	60	65
S DAK	75	90	92
TEX	87	85	92
7 STATES	86	83	84

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

COTTON % BOLLS OPENING				COTTON % HARVESTED			
	1985	1984	AVG.	1985	1984	AVG.	
ALA	100	100	100	81	73	81	
ARIZ	100	100	100	55	55	45	
ARK	100	98	100	87	49	80	
CALIF	100	100	100	80	80	77	
GA	100	98	98	77	72	80	
LA	100	100	100	86	54	81	
MISS	100	100	100	85	51	83	
MO	100	100	100	83	50	80	
N MEX	100	100	100	25	25	49	
N C	100	100	100	57	63	77	
OKLA	100	100	97	40	30	20	
S C	100	100	100	89	68	86	
TENN	100	100	100	70	50	80	
TEX	86	82	91	32	28	39	
14 STATES	93	91	96	14 STATES	56	45	57

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

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

	WINTER WHEAT % PLANTED		
	1985	1984	AVG.
ARK	62	25	57
CALIF	45	30	37
COLO	99	98	99
GA	32	31	40
IDAHO	100	100	100
ILL	95	58	89
IND	94	77	97
KANS	95	95	96
MICH	98	100	100
MO	73	59	80
MONT	90	100	100
NEBR	100	100	100
OHIO	96	90	97
OKLA	95	90	90
OREG	93	92	96
S DAK	100	100	100
TEX	80	92	87
WASH	100	100	100
18 STATES	90	88	91

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

	WINTER WHEAT % EMERGED		
	1985	1984	AVG.
ARK	43	NA	NA
CALIF	25	15	21
COLO	96	94	92
GA	21	NA	NA
IDAHO	96	100	95
ILL	85	49	79
IND	88	67	87
KANS	80	80	90
MICH	85	NA	NA
MO	59	51	68
MONT	75	80	90
NEBR	100	100	100
OHIO	90	85	85
OKLA	80	55	70
OREG	77	77	85
S DAK	100	100	100
TEX	60	75	72
WASH	88	95	96
18 STATES	78	NA	NA
EXCL. STATES WITH NA	80	76	83
NA - NOT AVAILABLE			

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

	SOYBEANS % HARVESTED		
	1985	1984	AVG.
ALA	46	59	73
ARK	54	33	54
GA	40	54	57
ILL	92	76	94
IND	92	72	94
IOWA	91	93	96
KANS	70	75	85
KY	45	33	69
LA	46	64	75
MICH	80	80	87
MINN	95	94	95
MISS	42	40	62
MO	58	53	77
NEBR	95	90	95
N C	16	25	33
OHIO	90	70	90
S C	21	25	27
S DAK	95	91	97
TENN	50	30	60
19 STATES	73	67	81

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

	CORN % HARVESTED		
	1985	1984	AVG.
COLO	77	74	77
GA	98	99	99
ILL	85	79	90
IND	79	62	82
IOWA	70	90	89
KANS	95	90	90
KY	82	62	84
MICH	60	70	73
MINN	71	85	81
MO	77	83	86
NEBR	70	82	79
N C	95	96	96
OHIO	65	45	75
PA	57	46	66
S DAK	50	82	85
TEX	100	100	100
WIS	46	58	57
17 STATES	73	78	83

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

State Summaries of Weather and Agriculture

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

ALABAMA: Rainfall mostly under 0.20 in. statewide. Temperatures averaged 10 to 50 below normal, near normal Mobile.

Fieldwork 3.1 days. Soil moisture 2% short, 55% adequate, 43% surplus. Soybeans mature 94%, 95% 1984; harvested 46%, 59% 1984, 73% avg.; 2% poor, 54% fair, 42% good, 2% excellent. Cotton harvested 81%, 73% 1984, 81% avg. Winter wheat planted 43%, 43% 1984, 65% avg.; 2% poor, 30% fair, 66% good, 2% excellent. Pasture 4% poor, 43% fair, 41% good, 12% excellent. Livestock 31% fair, 59% good, 10% excellent. Primary activities: Harvesting cotton, soybeans; planting small grains, winter grazing crops; harvesting commercial vegetables; routine care of livestock, poultry.

ARIZONA: Sunshine, mild temperatures dominated weather pattern. No precipitation. Maximum temperatures reached 60s in high country, mid 60s to mid 70s at 5,000 ft. level, 80s in lower deserts. Average temperatures varied from 2 to 60 above seasonal normals.

Cotton 55% harvested, 55% 1984, 45% avg. Yields reported above average southeast. Spot defoliation done. Stalk shredding, plowdown moderate to active west; light central, southeastern areas. Wheat, barley growers busy with seedbed preparation. Planting underway, 1% seeded statewide. New stands of alfalfa developing well. Grazing fields west. Corn, sorghum, sesame harvests continued. Lemons, grapefruit, tangerines, Navel and sweet oranges picked. Valencia orange crop continued to develop normally. Apple packing virtually completed. Pecans harvested. Vegetables, melon movement seasonally active Salt River Valley, Aguila, Casa Grande-Eloy-Marana areas. Cauliflower packed Yuma, lettuce should get started 13th. Planting of other winter vegetables continued. Melons shipped from Parker-Poston, lettuce will start 13th. Willcox lettuce, chipper potato harvests winding down.

ARKANSAS: Temperatures 30 below to 20 above normal. Cool nights, mild days with patchy light rains. Temperature extremes 260; 780. Precipitation none to 0.02 in.

Days suitable for fieldwork 6.0. Soil moisture 7% short, 72% adequate, 21% surplus. Cotton 100% bolls opening, 98% 1984, 100% avg. Cotton 87% harvested, 49% 1984, 80% avg. Winter wheat 62% planted, 25% 1984, 57% avg.; 43% emerged. Winter wheat 8% fair, 81% good, 11% excellent. Sorghum 98% harvested, 90% 1984, 97% avg. Soybeans 54% harvested, 33% 1984, 54% avg. Soybeans 5% poor, 23% fair, 72% good.

CALIFORNIA: Warm, dry conditions persisted through 8th with only a few exceptions to above normal temperatures, nonexistent rainfall. Tulalake, Eureka only locations reporting below normal temperatures averages. Alturas sole station recording precipitation. Elsewhere temperature averages as much as 60 above normal. Individual temperature extremes ranged from 170 Alturas to 920 Thermal.

Rice harvest mostly complete; good yields; many fields burned. Cotton harvest continued; 80% harvested, 80% 1984, 77% avg. Yields above normal. Stalks shredded, disced. Sugarbeet, corn dry bean harvest active. Alfalfa cut. Winter wheat 45% planted, 30% 1984, 37% avg. Emerged 25%, 15% 1984, 21% avg. Cotton 60% good, 20%

fair, 20% excellent. Weed control, pruning, some cultivation most deciduous orchards. Zutano avocado harvest gaining momentum. Emperor, Calmaria table grape harvest just about complete. Kiwifruit harvest continued to wind down. Fuya persimmons continued to be picked. Desert grapefruit, tangerine harvests full swing. Lemon harvest over half complete; harvest in central valley began. Increasing amount of Navel oranges maturing, although sizes small. Mature pecans continued to be shaken from trees. Artichokes fairly light, variable quality central coast. Broccoli fairly heavy Salinas, moderate Santa Maria variable quality. Cantaloup and honeydew harvesting active Imperial Valley - Palo-Verde Valley. Honeydew heavy to number 8 size. Carrots Salinas fairly light, variable quality. Cauliflower fairly heavy Salinas moderate Santa Maria; quality variable. Celery fairly heavy Salinas, Santa Maria; generally good. Most lettuce shippers finished light supplies variable weight quality. Harvesting continued Huron very good quality rising market prices. Green pepper mostly finished light supplies for one to two weeks Salinas, Santa Maria. Quality generally good. Rain weekend improved soil moisture will boost grass growth. Supplemental feeding continued most areas. Calving lambing continued increase. Stockwater supplies at low levels.

COLORADO: Rain, snow 5th, left 0.10 to 0.20 in. of precipitation. Second system 8th, 9th left 1.00 to 1.50 in. of new moisture northeast quarter. Other areas received less than 0.20 in. Temperatures near normal for week.

Days suitable for fieldwork 5.6. Soil moisture 31% short, 69% adequate. Winter wheat 3% fair, 26% good, 71% excellent; 99% seeded, 98% 1984, 99% avg.; 96% emerged, 94% 1984, 92% avg. Corn 17% good, 83% excellent; grain harvested 77%, 74% 1984, 77% avg. Sorghum grain harvested 80%, 72% 1984, 76% avg. Ranged feed and livestock good condition.

FLORIDA: Warm early week with scattered showers 4th. Coolest weather of season occurred 5th, 6th with near freezing temperatures Panhandle, Big Bend areas morning 6th. Few light showers throughout central Peninsula and along Atlantic Coast late 9th, early 10th. Otherwise weekend fair, mild, dry.

Surplus soil moisture Panhandle, upper east coast area mostly adequate elsewhere. Soybean harvest resumed. Crop damage resulted from heavy rains. Hay harvest winding down. Small grain planting very active. Cotton harvest continued, quality lowered by heavy rain. Sugarcane cutting full swing, yield good. Pastures responded from rains previous week; conditions improved mostly good to excellent Panhandle, northern Peninsula except for several flooded, low lying coastal areas - mostly along upper east coast. Lower Peninsula pastures continued good to excellent. Seeding of winter pastures in north advanced rapidly following improved moisture conditions. Cattle continued generally good to excellent. Citrus groves good condition. Some rain, more needed. Many growers irrigating, new growth slowing. Early orange, grapefruit harvest increasing. Fresh fruit shipments active with good demand. Below normal temperatures prevailed vegetable areas. Daytime highs in high 70s to low 80s, nighttime lows in high 40s to low 50s.

Rainfall variable with most areas receiving less than 1.00 in. Harvest of fall vegetables increased seasonally. Vegetables leading in quantity sweet corn, cucumbers, pickles, eggplant, squash, tomatoes, snap beans, radishes, peppers. Celery, lettuce, escarole, carrots supplies light but gaining.

GEORGIA: Cool, light widely scattered rain 1 to 3 days. Most weekly totals under 0.50 in. extreme northeast, less than 0.25 in. northwest. No significant rain central. Most totals under 0.25 in. south. Average temperatures 1 to 30 below normal most locations. High temperatures ranged from 70s in north to around 80 south. Lowest temperatures from mid 20s extreme north to low and mid 30s elsewhere except for around 40 in extreme southeast. Morning lows below 32° 1st to 3rd morning extreme north.

Days suitable for fieldwork 3.8. Soil moisture 3% short, 81% adequate, 16% surplus. Main activities: Harvesting soybeans, cotton, pecans, grain sorghum, planting small grains. Corn 98% harvested, 99% 1984, 99% avg. Cotton 100% bolls open, 98% 1984, 98% avg.; 77% harvested, 72% 1984, 80% avg.; 28% fair, 67% good, 5% excellent. Grain sorghum 72% harvested; 1% poor, 47% fair, 52% good. Peanuts 100% dug, 100% 1984, 99% avg.; 99% threshed, 99% 1984, 99% avg. Soybeans 99% dropping leaves, 99% 1984, 98% avg.; 40% harvested, 54% 1984, 57% avg.; 5% poor, 43% fair, 52% good. Wheat 32% planted, 31% 1984, 40% avg.; 21% emerged; 2% poor, 22% fair, 75% good, 1% excellent. Rye 67% planted, 60% 1984, 75% avg.; 17% fair, 78% good, 5% excellent. Other small grains 51% planted, 54% 1984, 66% avg. Pecans 33% harvested, 37% 1984, 39% avg.; 5% poor, 45% fair, 49% good, 1% excellent. Pastures 5% poor, 39% fair, 54% good, 2% excellent. Hay 9% poor, 37% fair, 53% good, 1% excellent. Cattle 23% fair, 77% good. Hogs 19% fair, 81% good.

HAWAII: Crop made fair progress under mostly sunny skies. Winds variable 5 to 20 mph. Shower band moved across islands latter part week, brought rainfall to some crop growing areas. Harvesting sugarcane, pineapple continued. Banana, papaya orchards good to fair condition. Vegetable output light to moderate.

IDAHO: High pressure existed over intermountain region most week. Several fast moving frontal systems passed through areas with periods of rain in valleys and some snow over mountains. Temperatures for week were on warm side with high readings mostly in 60s. Overnight lows in upper 20s and 30s. Warmest report for week was 71° Burley. Precipitation well above normal over northern portion State with over 2.00 in. of rain falling in Sandpoint and over 1.00 in. Porthill and Coeur D Alene. Elsewhere, rainfall amounts below normal as main storm tract remained north.

Limited farmwork in some areas due to rain and snow. Some fall plowing, manure hauling, farm maintenance. Late potato harvest, sorting, and resorting east. Sugarbeet harvest drawing to close. Final small grain seeding in southwestern valleys. Heavy cattle marketing in some areas. Most livestock moved down from summer ranges. Hay and feed supplies with one spot shortage in far north. Livestock good, ready for winter, isolated calving and preg-checking cows.

ILLINOIS: Temperatures below normal northern third, near normal central, above normal south. High temperatures ranged from upper 40s to near 70s far south. Lows in upper 20s to mid 30s. Precipitation range from none to 1.90 in., heaviest central.

Days suitable for fieldwork 4.3. Soil moisture 4% short, 55% adequate, 41% surplus. Corn

harvested for grain 85%, 79% 1984, 90% avg. Soybeans harvested 92%, 76% 1984, 94% avg. Winter wheat planted 95%, 58% 1984, 89% avg.; emerged 85%, 49% 1984, 79% avg.; 1% poor, 13% fair, 67% good, 19% excellent. Sorghum harvested for grain 78%, 58% 1984, 83% avg. Pasture 3% poor, 22% fair, 64% good, 11% excellent; supplying 56% of livestock roughage requirements, 58% 1984, 45% avg.

INDIANA: A mild, wet week. Temperatures 2 to 40° above normal. Maximum in 70s southwest. Minimums in upper 20s or low 30s. Rainfall totals less than 0.50 in. southwest to more than 1.00 in. north and central areas.

Fieldwork averaged 4.2 days. Topsoil moisture, 72% adequate, 28% surplus. Subsoil moisture 12% short, 75% adequate, 13% surplus. Corn 79% harvested, 62% 1984, 82% avg. Corn moisture 20%, 24% 1984. Soybeans 92% harvested, 72% 1984, 94% avg. Soybean moisture 14%, 13% 1984. Wheat 94% seeded, 77% 1984, 97% avg. Wheat 88% emerged, 67% 1984, 87% avg. Wheat stands 9% fair, 75% good, 16% excellent. Rye 94% seeded, 94% 1984, 97% avg. Spring cropland 31% tilled, 20% 1984, 38% avg.

IOWA: Cool week. Rain or snow north, rain south began late week. Little precipitation southwest, heavy east central and southeast. Weekend snowfall heavy north to 12 in. northeast.

Days suitable for fieldwork 5.7. Topsoil moisture 2% short, 62% adequate, 36% surplus. Subsoil moisture 4% short, 80% adequate, 16% surplus. Corn harvested 70%, 90% 1984, 89% avg. Soybeans harvested 91%, 93% 1984, 96% avg. Fall tillage completed 16%. Fertilizer application completed 12%. Livestock good.

KANSAS: Precipitation less than 0.10 in., majority stations traces. Temperatures averaged 41° northwest to 52° southeast, ranging 20 below normal southwest to 30 above normal southeast.

Days suitable for fieldwork 6.0. Topsoil moisture 7% short, 77% adequate, 16% surplus. Wheat 95% seeded, 95% 1984, 96% avg. Wheat 80% emerged, 80% 1984, 90% avg.; 2% very poor, 5% poor, 9% fair, 27% good, 57% excellent. Sorghum 85% harvested, 80% 1984, 75% avg. Soybean 70% harvested, 75% 1984, 85% avg. Corn 95% harvested, 90% 1984, 90% avg. Pasture excellent, livestock numbers on corn and sorghum stubble increasing.

KENTUCKY: Scattered rainfall almost daily. Average amounts 0.25 in. west to over 1.00 in. east. Normal rainfall 0.75 in. Mean temperatures mostly lower 50s; 2 to 4° above normal.

Days favorable for fieldwork 1.6. Soil moisture 1% short, 42% adequate, 57% surplus. Additional rain over weekend and row crop harvest delays continued. First killing freeze morning November 8th. Corn 82% harvested, 62% 1984, 84% avg. Soybeans 45% harvested, 33% 1984, 69% avg. Wheat 67% seeded, 50% 1984, 75% avg. Burley 42% stripped, 22% 1984, 30% avg. Quality of burley good. Burley markets scheduled to open November 18th, but 2 weeks delay anticipated. Pastures good.

LOUISIANA: Temperatures averaged 10 below normal to 20 above normal. Temperature extremes 35°; 82° virtually no rainfall.

Days suitable for fieldwork 3.3. Soil moisture 18% adequate, 82% surplus. Cotton 86% harvested, 54% 1984, 81% avg. Soybeans 36% very poor, 61% poor, 3% fair. Soybeans 99% shedding, 98% 1984, 98% avg.; 46% harvested, 64% 1984, 75% avg. Pecans fair to good; 30% harvested, 25% 1984, 30% avg. Sweetpotatoes 80% harvested, 88% 1984, 94% avg. Vegetables poor to fair. Sugarcane poor to

fair. Sugarcane 96% planted, 100% 1984, 100% avg.; 28% harvested, 23% 1984, 36% avg. Winter wheat 16% planted, 28% 1984, 49% avg.; 13% emerged, 21% 1984, 32% avg. Hay final cutting 97% complete, 99% 1984, 100% avg. Pasture fair, livestock fair to good.

MARYLAND & DELAWARE: Maryland: Temperatures 3 to 50 above normal; highs mostly mid 60s, lows mid 30s to near 40s. Precipitation averaged 1.85 in., ranging from 0.63 to 5.10 in.

Fieldwork 2.8 days suitable. Topsoil moisture adequate to surplus. Subsoil moisture adequate. Corn for grain 90% harvested, 95% 1984, 95% avg. Soybeans 50% harvested, 65% 1984, 70% avg. Small grains good condition. Recent rains delayed seeding progress. Barley 98% seeded, 100% 1984, 100% avg. Wheat 85% seeded, 90% 1984, 90% avg. Rye 90% seeded, 98% 1984, 98% avg. Oats 87% seeded, 95% 1984, 98% avg.

Delaware: Temperatures mostly 4 to 50 above normal; highs low to mid 60s, lows mid 30s to low 40s. Precipitation averaged 0.40 in., ranging from 0.18 to 0.68 in.

Fieldwork 3.0 days suitable. Topsoil, subsoil moisture adequate. Corn for grain 95% harvested, 95% 1984, 95% avg. Soybeans 45% harvested, 55% 1984, 70% avg. Small grains good condition. Barley 95% seeded, 100% 1984, 100% avg. Wheat 90% seeded, 80% 1984, 80% avg. Rye 90% seeded, 85% 1984, 80% avg.

MICHIGAN: Wide variance in weather across State. Average temperatures ranged from 30 above normal to 20 below normal. Precipitation moderate to heavy statewide.

Days suitable for fieldwork 4.3. Soil moisture 1% short, 33% adequate, 66% surplus. Corn, soybean, sugarbeet harvesting main activities. Corn 60% harvested, 70% 1984, 73% avg. Soybeans 85% harvested, 80% 1984, 87% avg. Winter wheat 98% planted, 100% 1984, 100% avg.; 85% emerged. Winter wheat 5% poor, 15% fair, 55% good, 25% excellent. Sugarbeets 95% harvested, 97% 1984, 96% avg. Apple harvest complete. Growers preparing orchards for winter. Last fields of broccoli, cauliflower, cabbage being harvested.

MINNESOTA: Continued dry, most portions. Heavy snow southern edge weekend. Falling temperatures; daytime temperatures below freezing by weekend. Temperatures averaged 3 to 50 below normal. Temperature extremes: 40; 65. Precipitation averaged 0.23 to 0.36 in. above normal, southern third; 0.08 to 0.19 in. below normal elsewhere. Greatest weekly total 0.97 in. Snowfall averaged 4 to 10 in. for southern third, none to 1 in. elsewhere.

Days suitable for fieldwork 5.9. Topsoil moisture 72% adequate, 28% surplus. Field corn 71% harvested, 85% 1984, 81% avg.; 23% moisture as harvested, 22% 1984, 21% avg. Soybeans 95% harvested, 94% 1984, 95% avg. Sunflowers 79% harvested, 89% 1984, 87% avg.

MISSISSIPPI: Greatest weekly rainfall total 0.10 in. Temperatures normal to 50 below normal. Extremes 270; 820.

Fieldwork 4.0 days suitable, 4.9 1984, 5.2 avg. Soil moisture 41% adequate, 17% surplus, 42% excessive. Dry weather allowed crop harvest to resume. Soybeans 42% harvested, 40% 1984, 62% avg.; 9% very poor, 14% poor, 34% fair, 43% good. Cotton 85% harvested, 51% 1984, 83% avg. Sweetpotatoes 82% harvested. Pecans 27% harvested, 34% 1984, 35% avg. Winter wheat 40% planted, 39% 1984, 57% avg. Pasture 3% poor, 42% fair, 52% good, 3% excellent.

MISSOURI: Rainfall widespread. Mostly under 0.50 in. Temperatures averaged near normal across State except southeast 50 below normal.

Days suitable for fieldwork 3.9. Topsoil moisture 2% short, 45% adequate, 53% surplus. Corn harvested 77%, 83% 1984, 86% avg. Soybeans harvested 58%, 53% 1984, 77% avg. Grain sorghum harvested 73%, 80% 1984, 82% avg. Cotton bolls open 100%, 100% 1984, 100% avg.; harvested 83%, 50% 1984, 80% avg. Winter wheat 5% poor, 30% fair, 64% good, 1% excellent. Winter wheat seedings 73%, 59% 1984, 80% avg.; emerged 59%, 51% 1984, 68% avg. Pasture 1% poor, 24% fair, 62% good, 13% excellent. Fall tillage for spring crops 35% complete.

MONTANA: Temperatures across north central averaged near normal to 30 below normal. Remainder of State temperatures about 30 above normal. Very mild first of week with maximum temperatures in 60s and 70s. Much colder by end of week with maximum temperatures in teens and twenties. Some precipitation, mostly as snow, fell over State. Across Plains amounts light to moderate, while in west amounts generally moderate to heavy with up to 2 in. some areas.

Winter wheat fair to good. Harvest of all crops virtually complete. Cold, wind end of week put stress on livestock; increased hay requirements.

NEBRASKA: Week mild, dry beginning; cold, wet ending. Temperatures ranged 2 to 60 below normal. Precipitation widespread over weekend in form of rain, snow. Amounts ranged from few hundredths to 1.00 in.

Fieldwork days averaged 6.7. Topsoil moisture 6% short, 88% adequate, 6% surplus. Subsoil moisture 6% short, 86% adequate, 8% surplus. Wheat 1% poor, 17% fair, 80% good, 2% excellent; continued to show good growth. Wheat planted 100%, 100% 1984, 100% avg.; emerged 100%, 100% 1984, 100% avg. Corn harvested 70%, 82% 1984, 79% avg. Most advanced south central counties. Soybean harvested 95%, 90% 1984, 95% avg. Southeastern counties lagging behind rest of State. Sorghum harvest 92%, 90% 1984, 85% avg. Most corn still being routed through dryers. Some grain being stored in temporary structures and dumped on ground near elevators in some eastern areas of State. Pasture, range feed supplies adequate. Fencing stalk fields, moving in cattle. Weaning calves, pregnancy test cows, marketing calves, culling cows active.

NEVADA: Week started with typical Indian summer weather. Fair skies, above normal temperatures prevailed until midweek when a winter storm moved in all areas. Strong winds in advance of storm with gusts of 50 mph south. Temperatures plunged end of period and record amounts snow recorded most areas. Temperature extremes 130; 890.

Major storm made caring for livestock difficult, increased feeding requirements.

NEW ENGLAND: Above normal precipitation. Rhode Island average 4.00 in.; Maine, New Hampshire and Massachusetts ranged from 2.00 to 3.00 in., rainfall 1.00 to 2.00 in. elsewhere. Temperatures averaged 5 to 100 above normal most locations. Northern areas averaged in mid 40s; southern areas upper 40s to lows 50s.

Cranberry harvest winding down. Harvest of field crops complete most areas. Farmers finishing up fall seedings, spreading mature, repairing machinery.

NEW JERSEY: Temperatures much above normal, averaging 50° north, 53° south, 58° coastal. Extremes 300; 750. Precipitation above normal north and south, near normal coastal, averaging 1.53 in. north, 1.29 in. south, 0.80 in. coastal. Heaviest 24-hour total 2.47 in. on 4th, 5th.

Harvest of hardy vegetables continued. Soybean,

corn for grain combining active. Apples, potatoes, sweetpotatoes, squash available from storages. Cider making active. Grain, cover crop seeding continued. Growth of early sown fields good in response to above normal temperatures, adequate soil moisture.

NEW MEXICO: Average temperatures generally 4 to 8° above normal. Temperatures 15° northern mountains to 81° southeastern plains. Virtually no precipitation.

Days suitable for fieldwork 6.2. Soil moisture 29% short, 57% adequate, 14% surplus. Freeze damage 8% none, 42% light, 33% moderate, 17% severe. Alfalfa 87% fair, 13% good. Cotton 14% poor, 29% fair, 57% good; 100% open bolls, 100% 1984, 100% avg.; 25% harvested, 25% 1984, 49% avg. Corn 25% fair, 75% good. Barley 14% fair, 86% good. Irrigated wheat 13% fair, 87% good. Dry wheat 25% fair, 75% good. Irrigated grain sorghum 13% fair, 87% good. Dry grain for sorghum 25% fair, 75% good. Pecans 100% good. Apples 20% fair, 80% good. Chile 20% fair, 80% good. Lettuce 50% fair, 50% good. Cattle 8% fair, 92% good. Sheep 27% fair, 73% good. Range 31% fair, 69% good.

NEW YORK: Week began with wet weather over large part central and western areas. Early week rain area expanded to cover most of State. Rainfall above average with exception of New York City, Long Island. Several locations in western State received over 2.00 in. of rain. Low pressure disturbances converged from south, west early week. Leading edge of cooler air worked its way south late week. Average temperatures below normal.

High moisture grain corn harvest near completion. Dry grain corn harvest continued. Harvest slowed by rain, wet fields. Corn yields good so far. Dry bean harvest virtually complete.

NORTH CAROLINA: Temperatures several degrees above normal Coastal Plain Region, near normal Piedmont Region, several degrees below normal Mountain Region. Rainfall ranged from 0.34 to 7.69 in. across State.

Days suitable for fieldwork 2.4. Soil moisture 2% short, 47% adequate, 51% surplus. Corn harvested for grain 95%, 96% 1984, 96% avg. Cotton harvested 57%, 63% 1984, 77% avg. Peanuts dug 99%, 100% 1984, 96% avg.; threshed 94%, 99% 1984, 85% avg. Soybeans 4% poor, 56% fair, 40% good; leaves dropped 89%, 89% 1984, 88% avg.; harvested 16%, 25% 1984, 33% avg. Grain sorghum harvested 85%, 76% 1984, 84% avg. Sweetpotatoes 3% poor, 24% fair, 61% good, 12% excellent; harvested 92%, 91% 1984, 92% avg. Apples harvested 95%, 94% 1984, 96% avg. Pastures 2% poor, 31% fair, 61% good, 6% excellent. Major farm activities: Grading burley tobacco; harvesting apples, corn, sorghum, fall vegetables, soybeans and cotton; digging sweetpotatoes; digging and threshing peanuts; land preparation for cover crops; fall seeding of small grains; cutting firewood, conservation worked; mowing, general farm maintenance, machinery repair.

NORTH DAKOTA: Temperatures averaged 10 above normal north to 20 below normal south. High temperatures 70° southwest. Low temperature 10° above north central. Precipitation light across State except southwest received snow late week.

Relatively moisture free week. Farmers busy with sunflower, corn harvest. Sunflower 83% combined, 93% 1984, 86% avg. Corn 76% harvested, 97% 1984, 91% avg.

OHIO: Temperatures 2 to 40 above normal ranging from upper 20s to low 70s. Soil temperatures

upper 40s. Rains 0.50 in. extreme south to 5.00 in. east central. Broad band west central to north east received 2.00 to 4.00 in.

Fieldwork 1.0 days suitable. Soil moisture 29% adequate, 71% surplus. Corn harvested 65%, 45% 1984, 75% avg.; some harvested in misty rains. Soybean harvest 90%, 70% 1984, 90% avg. Winter wheat 96% planted, 90% 1984, 97% avg.; emerged 90%, 85% 1984, 85% avg.; 8% fair, 70% good, 22% excellent. Pastures fair to good.

OKLAHOMA: Temperatures averaged normal Panhandle to 4° above normal northeast. Precipitation averaged none in all areas except northeast and southeast.

Days suitable for fieldwork 5.5. Topsoil moisture 85% adequate, 15% surplus. Subsoil moisture 100% adequate. Wheat 3% poor, 7% fair, 80% good, 10% excellent. Wheat 95% planted, 90% 1984, 90% avg. Wheat 80% emerged, 55% 1984, 70% avg. Approximately 15% wheat grazed. Sorghum 80% harvested, 60% 1984, 65% avg. Cotton 100% open bolls, 100% 1984, 97% avg. Cotton 40% harvested, 30% 1984, 20% avg. Only light frost received, hard freeze needed to defoliate untreated cotton, soybeans. Pastures improved slightly. Cattle prices up, marketings down.

OREGON: Temperatures very near normal except northeast 4 to 5° above average. More than 2.00 in. of precipitation fell along coast, in northern coastal mountains, Willamette Valley. Least precipitation in south central, southeastern sections.

Soil moisture 5% short, 91% adequate, 4% surplus. Winter wheat 93% planted, 92% 1984, 96% avg.; 77% emerged, 77% 1984, 85% avg. Malheur County sugarbeets 85% harvested. Most fall grains, grass seeds and legume seeds planted in west; growers spraying as weather permits. Walnut harvest continued. Carrot digging as weather permits. Most orchard activities completed. Southern coast, cranberry harvest virtually completed. Livestock mostly good; most seasonal movement of cattle completed. Range, pasture fair to mostly good.

PENNSYLVANIA: Warm wet week across State. Serious flooding occurred in many western areas State. Rainfall averaged 2.12 in., 1.36 in. above normal. Temperature averaged 48°, 6° above normal. Highest 67° Lancaster 10th. Lowest 25° Slippery Rock 9th.

Days suitable 3.0. Moisture mostly adequate to surplus. Activities: Harvesting corn for grain, soybeans, alfalfa, green chop; spreading manure; machinery repair. Corn for grain 57% harvested, 46% 1984, 66% avg. Soybeans 51% harvest, 47% 1984, 65% avg. Quality of hay made mostly poor to fair. Feed obtained from pastures mostly average to below average.

PUERTO RICO: Island average rainfall 1.73 in., 0.19 in. above normal. Highest weekly total 5.49 in. Highest 24-hour total 2.75 in. Temperatures averaged 79 to 82° on coast, 74 to 75° interior divisions. Mean station temperatures ranged from 67 to 82°. Extremes 57°; 94°. Total rainfall 1.11 in., minus 0.22 in.

SOUTH CAROLINA: Rain early week, cooler and drier mid-late week. Most of week saw mild days, cool nights. Early week first frost of season in many areas.

Days available for fieldwork 3.4. Soil moisture 9% short, 82% adequate, 9% surplus. Soybeans 10% poor, 63% fair, 21% good, 6% excellent. Soybeans leaves shedding 98%, 92% 1984, 94% avg.; 86% mature, 78% 1984, 75% avg.; 21% harvested, 25% 1984, 27% avg. Cotton 3% poor, 47% fair, 44% good, 6% excellent; 89% harvested, 68% 1984, 86%

avg. Tobacco 94% stalks destroyed, 94% 1984. Hay wheat, pastures fair to good. Winter grazing, barley, oats, rye, livestock good.

SOUTH DAKOTA: Average temperatures ranged 30 below to 20 above normal. Extremes 0°; 73°. Melted precipitation 0.25 to 0.75 in. west and south. Snow fell late in week; 5 to 10 in. west and south.

Days suitable for fieldwork 5.5. Topsoil moisture adequate east, short and critically short west; scattered surplus east; 10% critically short, 30% short, 55% adequate, 5% surplus. Corn 1% very poor, 5% poor, 16% fair, 55% good, 23% excellent. Corn 50% harvested, 82% 1984, 85% avg. Winter wheat 1% very poor, 7% poor, 24% fair, 61% good, 7% excellent. Winter wheat 100% seeded, 100% 1984, 100% avg. Winter wheat 100% emerged, 100% 1984, 100% avg. Sorghum 2% very poor, 11% poor, 18% fair, 54% good, 15% excellent. Sorghum 75% harvested, 90% 1984, 92% avg. Soybeans 3% very poor, 5% poor, 10% fair, 61% good, 21% excellent. Soybeans 95% harvested, 91% 1984, 97% avg.

TENNESSEE: Substantial rainfall east, light showers dotted west. Temperatures near normal; averaged upper 40s to mid 50s.

Farmers averaged 2.5 days suitable for fieldwork. Soil moisture 3% short, 67% adequate, 30% surplus. Harvest halted east, slowed west. Corn 88% harvested, 70% 1984, 80% avg. Cotton 70% harvested, 50% 1984, 80% avg. Burley tobacco 55% stripped, 45% 1984, 55% avg. Soybeans 50% harvested, 30% 1984, 60% avg. Wheat 65% sown, 35% 1984, 65% avg. Pasture good to excellent. Livestock continued in good condition.

TEXAS: Weather summary not available from National Weather Service.

Crops: Cotton 86% open bolls, 82% 1984, 91% avg.; 32% harvested, 28% 1984, 39% avg. Cotton 2% poor, 49% fair, 45% good, 4% excellent. Harvesting increased Plains, Cross Timbers under open weather. Yields good early fields. Most producers like killing freeze soon. Cooler temperatures last week not cold enough to kill foliage. Sorghum 100% mature, 99% 1984, 99% avg.; 87% harvested, 85% 1984, 92% avg. Many producers wrapping up operations. Harvest good progress, winding down Plains. Yields average. Harvesting picked up Cross Timbers. Corn 100% harvested, 100% 1984, 100% avg. Harvesting ended Plains. Wheat 80% planted, 92% 1984, 87% avg.; 60% emerged, 75% 1984, 72% avg. Small grain seeding increased most areas under nice weather. Emerged fields show good growth after recent moisture. Milder temperatures increased insect populations Blacklands. Producers monitoring situation closely. Cattle turned on fields many areas Plains to Blacklands. Good grazing currently exists. Peanuts 47% harvested, 57% 1984, 62% avg. Digging increased over State last week with open conditions. Yields remain down from earlier expectations. Quality also off many areas because recent moisture. Most irrigated fields continue good yields. Soybeans 32% harvested, 65% 1984, 60% avg. Harvest picked up Plains, average yields reported. Harvest resumed along Upper Coast; many fields remained to wet. **Other Field Crops:** Sugarbeets 39% harvested, 70% 1984, 57% avg. Harvesting increased High Plains, slow progress at mill because large stockpiles. Pecans 18% harvested, 30% 1984, 26% avg. Sunflowers 75% harvested, 64% 1984, 78% avg. Oats 71% planted, 89% 1984, 84% avg. Sugarcane harvesting continued Rio Grande Valley. Yields look good.

Commercial Vegetables: Rio Grande Valley, onion, cabbage planting continued. Bell pepper harvesting increased, cucumber harvest continued. Early orange harvest continued, good quality

reported. San Antonio-Winter Garden, harvest continued cabbage, cucumbers. Some losses cabbage fields because insect damage. White rust in spinach fields. East, sweetpotato digging nearing end. Sales slow because low prices. Other fall vegetables good growth. High Plains, carrot harvesting nearing end. Most other vegetables over. Trans-Pecos, onion planting slow. Red chili, bell pepper harvest continued. Lettuce almost complete. Pecan harvesting increased many areas. Yields varied from fair to excellent. Some sprouting occurring because excessive moisture. Some producers difficulty breaking nuts away from trees. Freeze would help.

Range and Livestock: Ranges, pastures continued improve over State, now in good condition most areas. Final hay cutting occurring. Some small grain pastures providing good grazing. Livestock remain good condition, making good gains. Stocker purchases to put on wheat pastures increasing. Stock tank levels remain good.

UTAH: Maximum temperatures 50° above normal white minimums 20° above normal southern part of State, 40° above north. Precipitation very light most areas of State. North central division averaged 0.31.

Farm chores, preparing for winter major activities. Some livestock still on fall ranges livestock conditions good.

VIRGINIA: Intense rain first half of period produced severe flooding statewide. Tidal flooding on coast, flash flooding in mountains. Flood crest 22 ft. over flood stage in central region. Average rain 4.50 in. but ranged to over 15.00 in. Clearing and warm second half of period expect overnight frosts southwest.

Days suitable for fieldwork averaged 0.9. Topsoil moisture 16% adequate, 84% surplus. Heavy rain flooded low laying areas, delayed most fieldwork, destroyed small amounts of crops and livestock. Clean up activities now active statewide. Grain corn 85% harvested, 80% 1984, 87% avg. Soybeans 30% harvested, 46% 1984, 51% avg. Oats 96% seeded, 96% 1984, 96% avg. Barley 89% seeded, 95% 1984, 96% avg. Wheat 54% seeded, 68% 1984, 74% avg. Grading, curing burley, dark fire-cured tobacco. Livestock, pastures mostly excellent. Cattle, hog sales active. Other activities flood damage assessment and clean up, fence repairs, machine repairs, soil sampling, marketing cabbage, fall vegetable harvest.

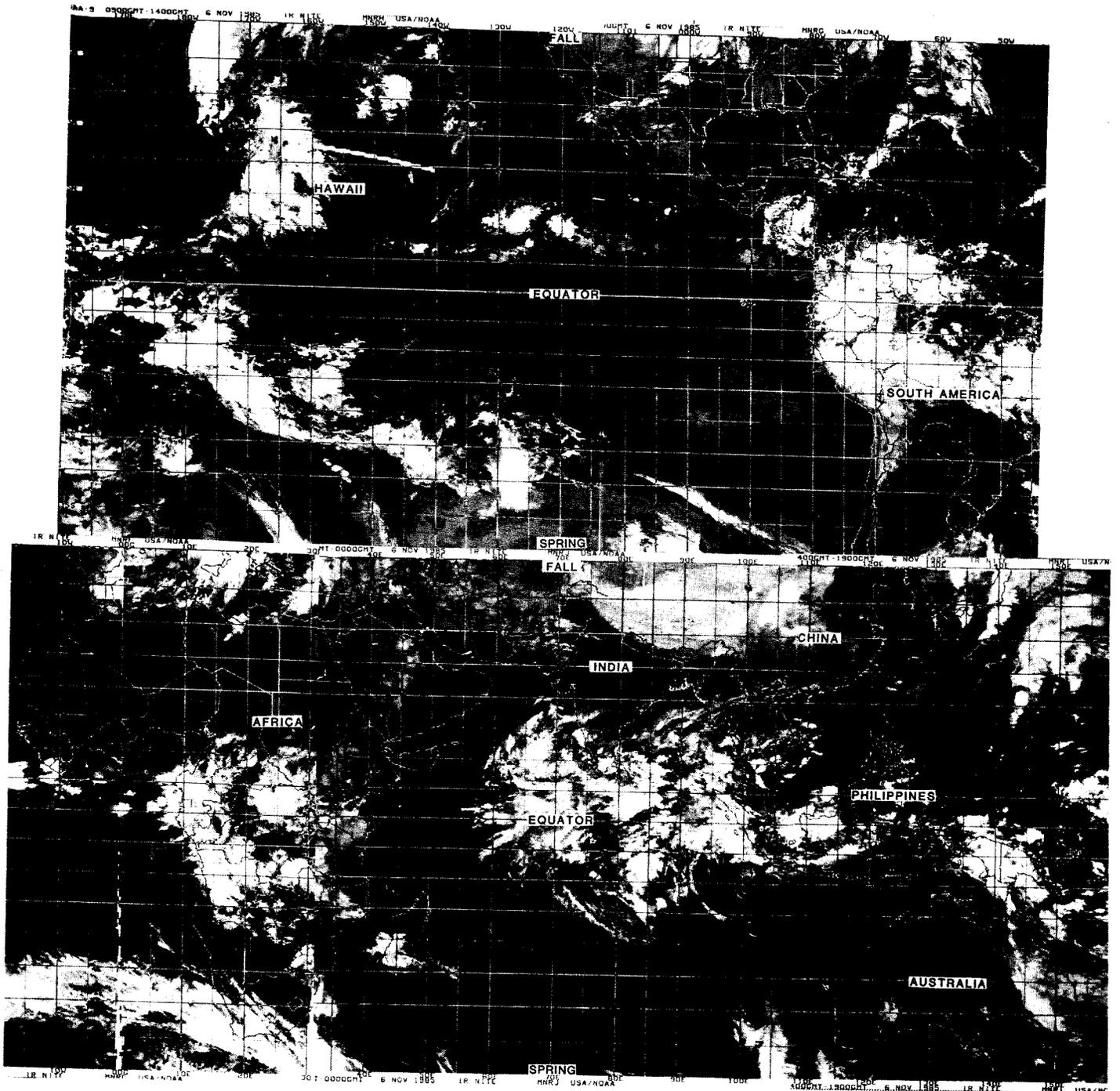
WASHINGTON: Rain west of Cascades through 7th, dry east. Colder, drier air across State 8th.

Days suitable for fieldwork 4.6. Soil moisture 22% short, 78% adequate. Hay supplies 44% short, 56% adequate. Range and pasture 67% short, 33% adequate. Winter wheat 100% seeded, 100% 1984, 100% avg.; 88% emerged, 95% 1984, 96% avg. Potatoes 99% harvested, 96% 1984. Grain corn, carrot harvest nearing completion.

WEST VIRGINIA: Temperatures averaged normal in northeast division upward to 100° above normal in southwest division. High 78° Creston, Ripley; low 22° Greenbank. Average temperature for State 52°. Precipitation averaged from 1.30 in. southwest division upward to 2.31 in. northeast division. Greatest amount 3.16 in. Circlevilla. Average precipitation 1.65 in.

Days worked averaged 0.1. Soil moisture surplus to adequate. Corn 83% harvested, 95% avg. Fall seeding of wheat, barley completed. Feed supplies adequate. Prior flooding caused extensive damage to crops, livestock.

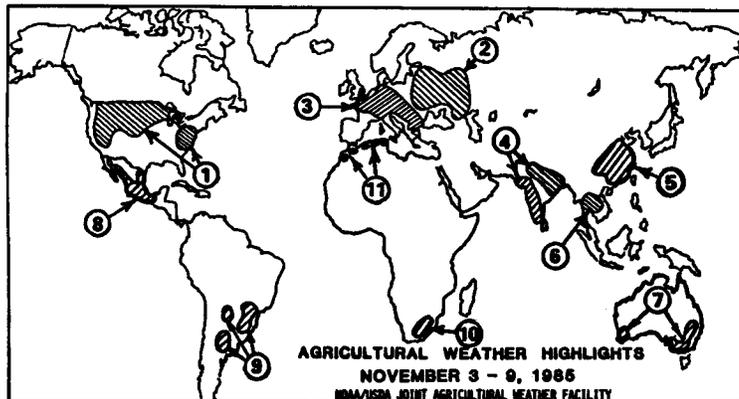
GLOBAL WEATHER SATELLITE IMAGE NOVEMBER 6, 1985



International Weather and Crop Summary

November 3 - 9

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
*** = DATA NOT AVAILABLE
OCTOBER 1985



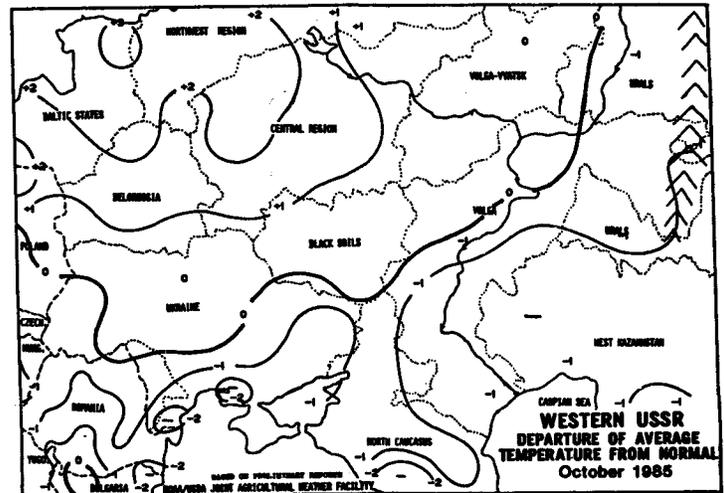
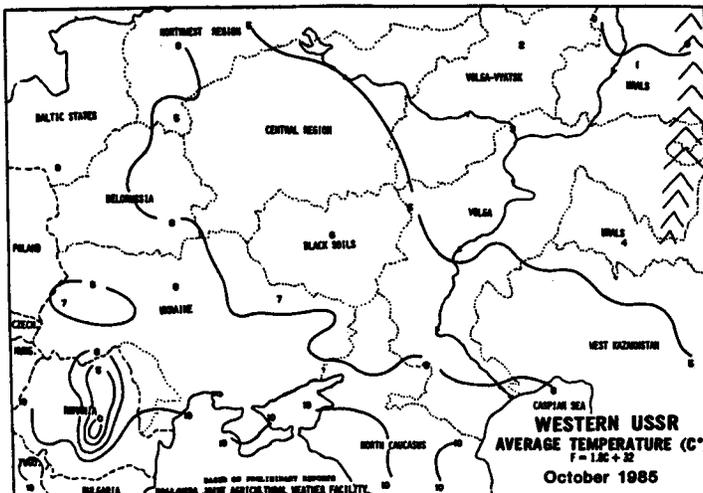
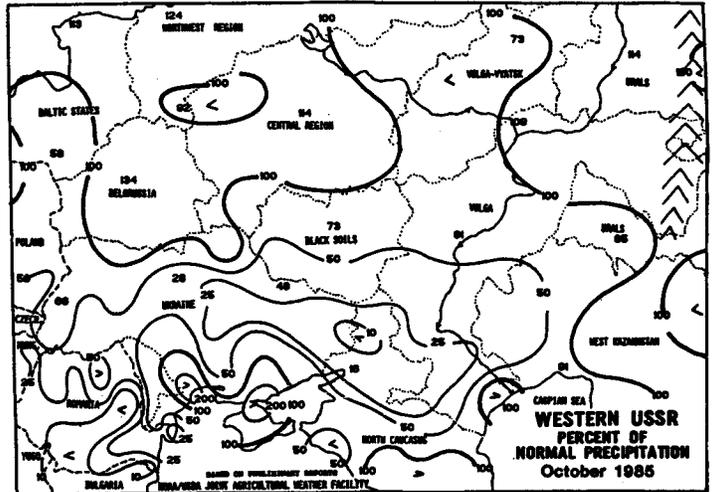
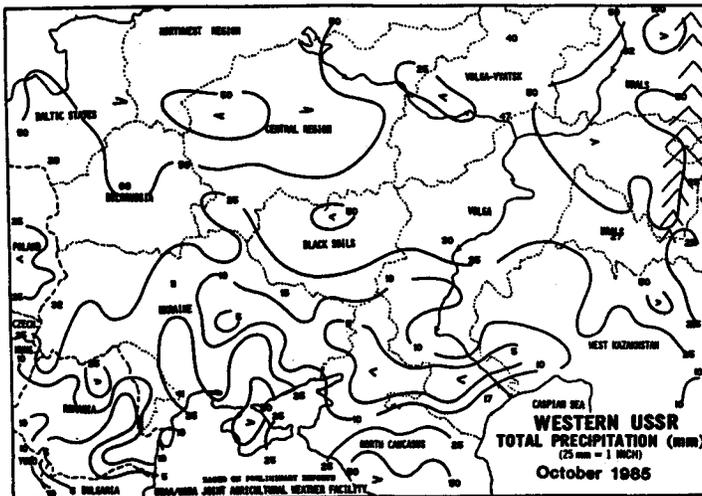
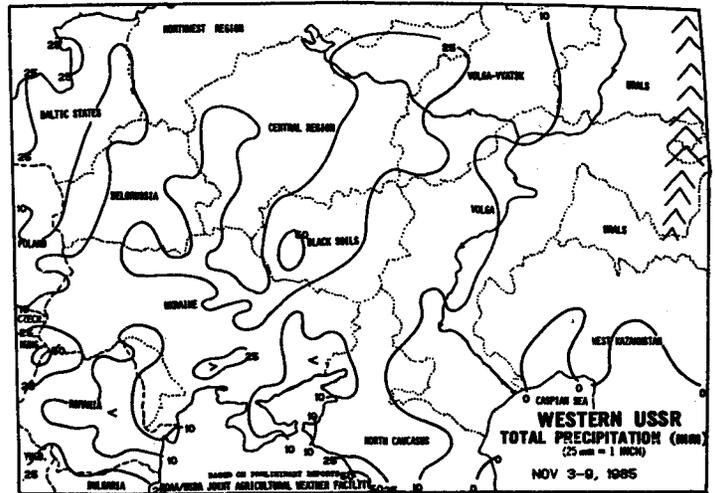
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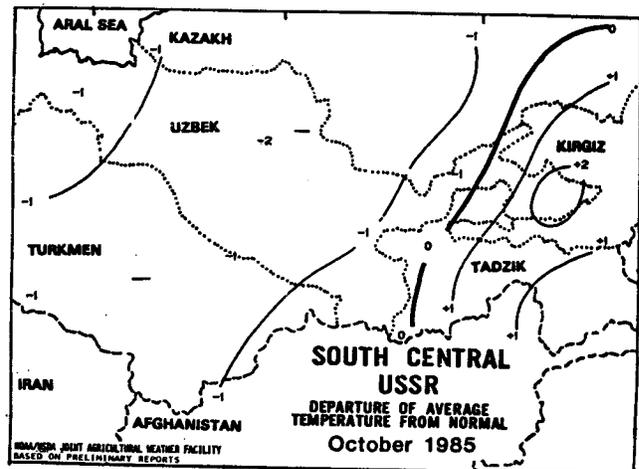
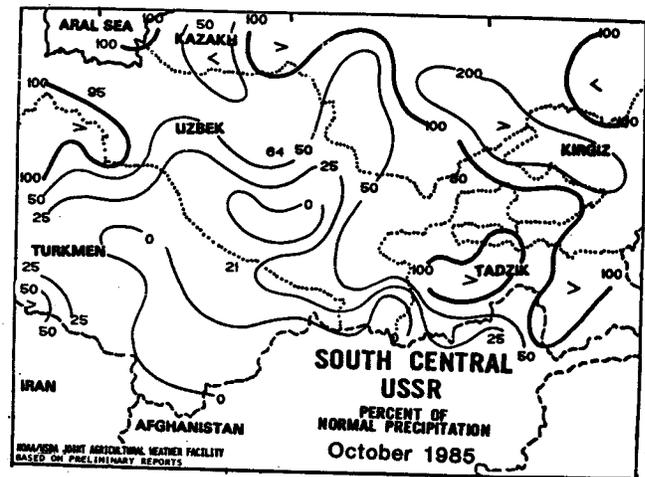
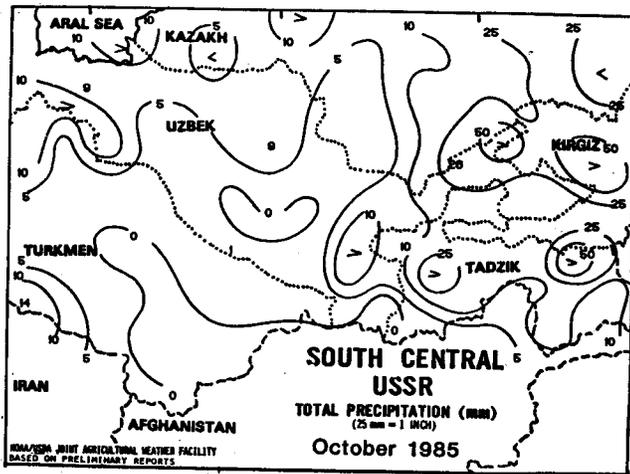
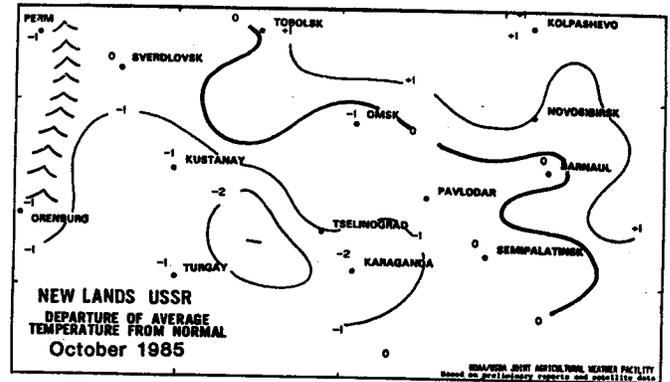
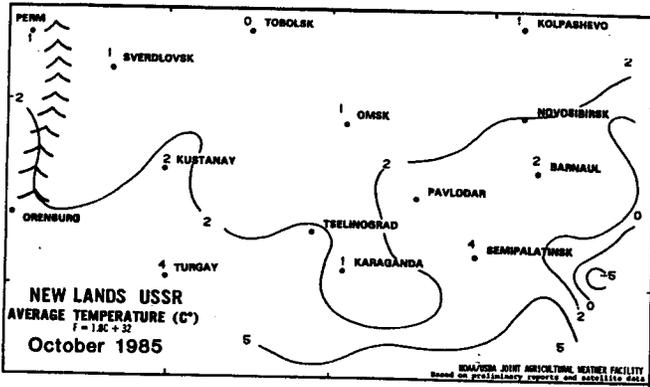
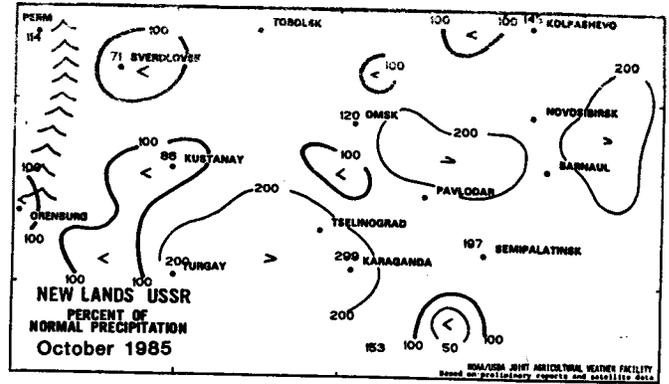
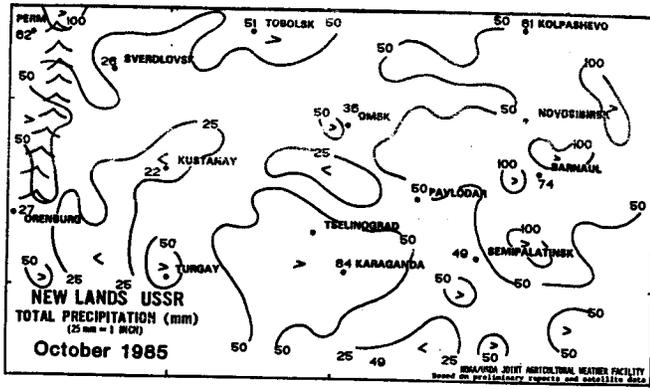
1. **UNITED STATES** ... Virtually rainless weather through the Great Plains accelerates harvest and seeding of winter grains. Deluges of rain in the central Appalachians causes severe flooding in much of the mid-Atlantic States. The coldest outbreak of the season at week's end through the Great Plains and Rockies was preceded by snowfall.
2. **WESTERN USSR** ... Widespread showers increase moisture supplies. Winter grains are dormant in the north and hardening in the south.
3. **EUROPE** ... Beneficial precipitation in many areas, following 2 months of persistent dryness, increases moisture conditions for winter grains.
4. **SOUTH ASIA** ... October rainfall benefits wheat planting. Dry weather favors maturing eastern rice.
5. **EASTERN ASIA** ... Drier weather favors winter wheat planting in the North China Plain.
6. **SOUTHEAST ASIA** ... Following above-normal October rainfall, drier weather favors rice.
7. **AUSTRALIA** ... Light to moderate rain benefits southern wheat in the grain filling stage, while northern wheat is maturing.
8. **MEXICO** ... Mostly dry weather in crop areas favors the harvest of corn, beans, and sugarcane.
9. **SOUTH AMERICA** ... Favorable agricultural weather prevails as rain moistens Brazil's northern soybean area and Argentina's southern wheat area. Elsewhere, drier weather promoted fieldwork.
10. **SOUTH AFRICA** ... Recent dry weather allows corn planting to resume following heavy rain last week.
11. **NORTHWESTERN AFRICA** ... Rain is needed for winter grain planting.

COUNTRY	CITY	TEMPERATURE (C)				PRECIPITATION (MM)	
		HI	LOW	DPART	F/NRM	TOTAL	DPART
NORWAY	OSLO	6	18	-7	1.8	42.1	-50.9
SWEDEN	STOCKHOLM	8	21	-4	0.4	26.8	-24.6
FINLAND	HELSINKI	7	18	-5	1.7	45.3	-21.0
U KINGDOM	GLASGOW	10	21	-1	0.3	81.9	-48.1
U KINGDOM	EDINBURGH	11	22	-1	0.8	32.6	-24.7
U KINGDOM	BIRMINGHAM	11	27	0	0.7	30.7	-21.0
U KINGDOM	LONDON	12	25	-1	0.8	25.4	-36.3
IRELAND	DUBLIN	12	20	4	0.8	21.1	-47.2
ICELAND	REYKJAVIK	6	13	-5	1.4	127.3	32.1
DENMARK	COPENHAGEN	10	21	-3	0.4	27.5	-31.4
LUXEMBOURG	LUXEMBOURG	9	24	-4	0.2	22.4	-35.5
SWITZERLAND	ZURICH	10	25	0	1.3	6.0	-66.0
SWITZERLAND	GENEVA	12	27	0	2.0	1.2	-70.6
FRANCE	PARIS	12	29	-6	0.4	11.8	-35.2
FRANCE	STRASBOURG	10	29	-5	0.3	16.3	-21.9
FRANCE	BOURGES	13	32	0	1.3	4.3	-53.8
FRANCE	BORDEAUX	15	32	2	1.9	14.1	-68.1
FRANCE	TOULOUSE	16	30	3	2.5	27.6	-22.5
FRANCE	MARSEILLE	17	28	9	2.1	32.7	-51.3
SPAIN	VALLADOLID	15	28	2	2.4	4.5	-36.2
SPAIN	MADRID	16	30	1	1.4	0.0	-53.3
SPAIN	SEVILLA	23	35	9	3.5	0.0	-68.3
E GERMANY	LEIPZIG	10	28	-3	0.3	6.3	-36.9
E GERMANY	DRESDEN	10	27	-3	0.9	14.9	-37.1
W GERMANY	HAMBURG	10	24	-1	0.9	22.0	-36.2
W GERMANY	BERLIN	10	27	-1	0.3	5.7	-35.8
W GERMANY	DUSSELDORF	11	26	-2	0.8	19.9	-32.2
W GERMANY	STUTTGART	9	30	-6	-0.5	11.0	-30.4
W GERMANY	NURNBERG	9	28	-4	0.3	4.6	-39.4
W GERMANY	MUNICH	8	26	-5	-0.2	17.1	-40.5
AUSTRIA	VIENNA	10	24	-2	0.2	8.5	-41.5
AUSTRIA	INNSBRUCK	10	25	-4	0.6	22.8	-37.3
CZECH	PRAGUE	8	25	-5	-0.1	11.2	-26.4
POLAND	WARSAW	8	24	-3	0.0	23.5	-15.7
POLAND	LODZ	8	25	-1	0.0	25.6	-13.5
POLAND	KATOWICE	8	26	-3	0.4	25.4	-28.7
POLAND	PRZEMYSL	9	25	-3	-0.1	27.1	-20.1
HUNGARY	BUDAPEST	11	27	-5	-0.1	9.6	-29.6
YUGOSLAVIA	SARAJEVO	10	27	-1	-0.4	54.3	-75.7
ROMANIA	BUCHAREST	10	28	-4	-1.2	10.6	-19.1
BULGARIA	SOFIA	10	26	-3	-0.4	16.1	-10.7
ITALY	MILAN	15	26	1	2.3	44.9	-68.8
ITALY	VERONA	15	26	3	2.4	42.7	-31.5
ITALY	VENICE	15	25	4	1.0	51.0	-27.1
ITALY	GENOA	18	27	9	0.3	9.5	-162.5
ITALY	ROME	17	27	4	1.0	90.8	8.4
ITALY	NAPLES	18	30	7	1.9	92.8	-30.0
GREECE	THESSALONIKA	15	28	3	-1.5	15.3	-35.0
GREECE	LARISSA	14	29	2	-2.1	49.9	-10.4
GREECE	ATHENS	17	28	7	-2.3	24.7	-40.1
TURKEY	ISTANBUL	14	24	6	-1.2	71.4	7.4
TURKEY	ANKARA	9	26	-4	-2.8	42.2	24.2
CYPRUS	LARNACA	20	31	10	-1.5	60.3	34.4
USSR	TALLINN	8	18	-2	2.0	64.5	6.0
USSR	LENINGRAD	8	16	-3	2.2	75.8	15.3
USSR	KAUNAS	9	23	0	1.9	30.3	-18.1
USSR	MINSK	8	21	-4	1.8	63.3	16.1
USSR	KAZAN	3	18	-11	0.1	46.9	3.7
USSR	MOSCOW	6	17	-6	1.5	64.1	8.6
USSR	SVERDLOVSK	1	12	-10	0.0	24.8	-11.9
USSR	OMSK	1	10	-8	-0.1	23.0	-7.0
USSR	KUSTANAY	2	16	-10	-0.8	14.7	-11.0
USSR	KRASNOYARSK	3	15	-11	1.7	17.4	-17.1
USSR	NOVOSIBIRSK	2	10	-5	0.9	50.5	20.0
USSR	BARNAUL	2	15	-5	-0.3	64.9	19.8
USSR	KHABAROVSK	4	19	-9	-0.1	59.5	17.0
USSR	VLADIVOSTOK	9	20	-3	0.1	21.5	-40.8
USSR	KIEV	8	22	-6	0.1	10.2	-28.9
USSR	LVOV	7	23	-3	-0.4	31.5	-17.0
USSR	KIROVOGRAD	8	23	-6	-0.7	5.8	-25.7

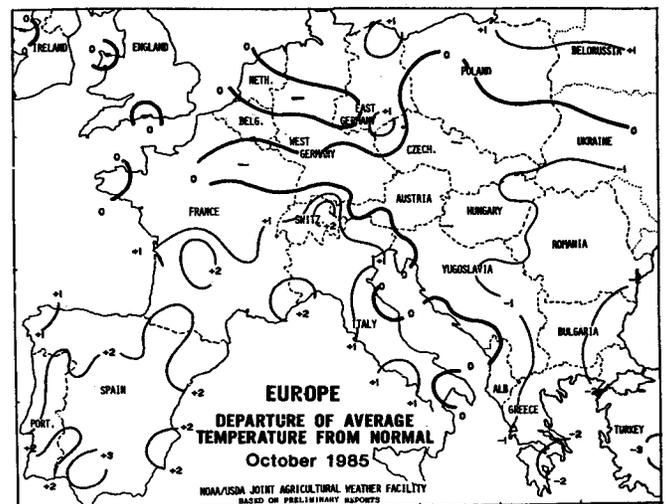
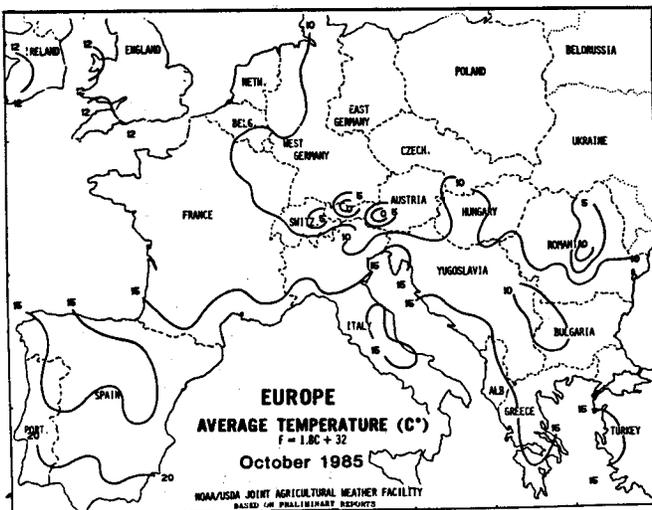
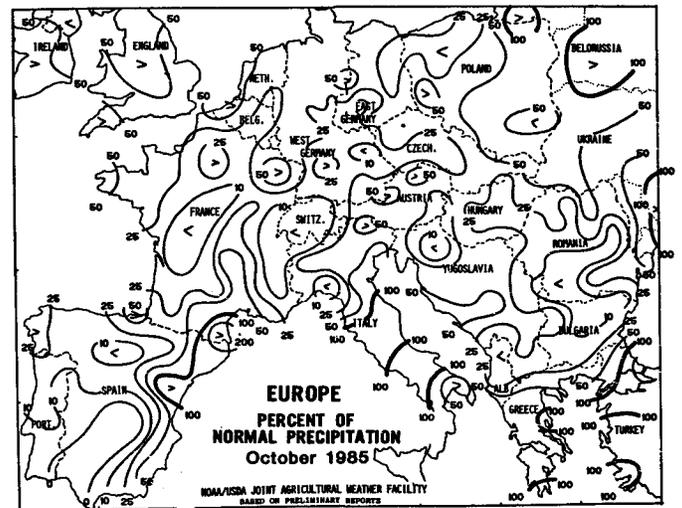
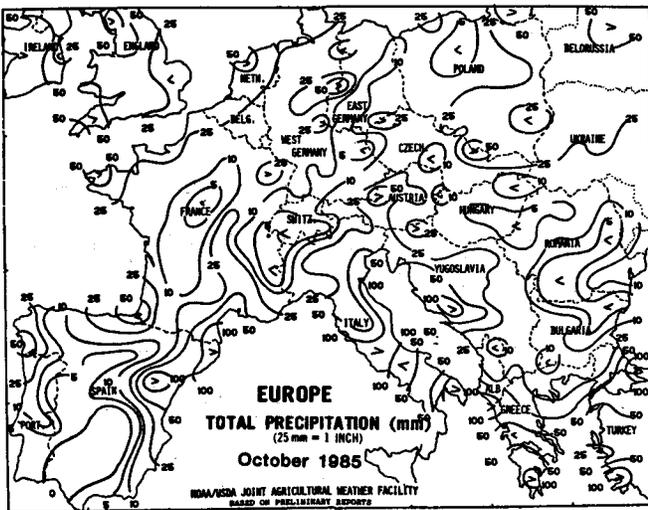
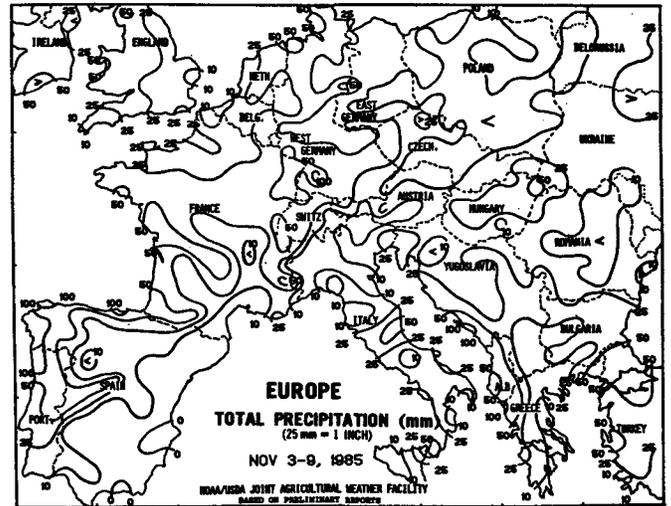
COUNTRY	CITY	TEMPERATURE (C)				PRECIPITATION (MM)		COUNTRY	CITY	TEMPERATURE (C)				PRECIPITATION (MM)	
		HI	LOW	DPART	F/NRM	TOTAL	DPART			F/NRM	HI	LOW	DPART	TOTAL	DPART
		AVG	MAX	MIN							AVG	MAX	MIN		
USSR	ODESSA	9	26	-3	-1.8	35.0	15.2	TANZANIA	DAR ES SALAAM	25	33	17	0.0	27.9	-29.3
USSR	YALTA	13	20	4	-1.9	35.7	-11.3	GABON	LIBREVILLE	25	30	6	-0.6	170.2	-236.2
USSR	VORONEZH	6	20	-3	0.3	22.2	-17.4	TOGO	LOME	27	33	20	0.5	114.4	16.2
USSR	SARATOV	5	16	-3	0.3	13.6	-23.4	UPPER VOLTA	OUAGADOUGOU	29	38	20	0.6	3.1	-36.4
USSR	KHARKOV	7	20	-6	-0.1	10.1	-23.2	IVORY COAST	ABIDJAN	27	32	15	0.6	54.7	-113.5
USSR	VOLGOGRAD	6	14	-6	-1.6	13.0	-17.7	MOZAMBIQUE	MAPUTO	24	36	15	1.4	58.0	-4.4
USSR	ROSTOV	8	20	-4	-0.9	4.7	-31.9	ZAMBIA	KABWE	24	34	13	-0.5	12.0	-9.3
USSR	ASTRAKHAN	8	22	-4	-1.1	19.9	4.1	ZIMBABWE	HARARE	21	31	11	-0.5	46.3	9.4
USSR	KRASNODAR	10	25	-4	-0.9	17.6	-18.0	S AFRICA	PRETORIA	22	33	11	1.9	40.7	-30.4
USSR	ORENBURG	4	17	-6	0.1	23.8	-17.9	S AFRICA	KROONSTAD	20	33	4	0.9	115.8	60.7
USSR	TSELINOGRAD	2	14	-6	-1.4	60.8	43.2	S AFRICA	JOHANNESBURG	19	30	8	1.9	138.0	69.5
USSR	KARAGANDA	1	25	-9	-1.4	83.7	55.6	S AFRICA	BETHAL	18	30	5	0.5	66.5	-9.4
USSR	TBILISI	13	24	4	-0.6	56.0	15.0	S AFRICA	DURBAN	22	31	15	2.0	187.6	96.8
USSR	TASHKENT	13	34	-1	0.1	9.6	-23.1	S AFRICA	CAPE TOWN	17	37	6	1.4	5.1	-30.6
USSR	ASHKHBAD	15	32	1	-0.8	10.9	-6.9	CANADA	TORONTO	9	21	-3	0.1	52.5	-9.3
SYRIA	DAMASCUS	17	33	-1	-2.7	1.0	-8.7	CANADA	MONTREAL	9	20	-5	0.3	85.4	9.9
ISRAEL	JERUSALEM	18	31	7	-2.9	4.5	-18.0	CANADA	WINNIPEG	5	19	-8	-1.1	29.6	-1.2
PAKISTAN	KARACHI	28	41	17	0.6	0.0	0.0	CANADA	REGINA	5	22	-12	-0.7	13.5	-5.3
INDIA	AMRITSAR	23	37	10	-1.6	143.6	118.8	CANADA	SASKATOON	5	19	-7	-0.4	6.0	-13.1
INDIA	NEW DELHI	25	36	15	-1.3	65.3	29.9	CANADA	LETHBRIDGE	6	22	-11	-1.3	23.9	6.0
INDIA	AHMEDABAD	27	40	17	-1.2	196.5	185.7	CANADA	CALGARY	5	19	-8	-0.8	17.1	-0.5
INDIA	INDORE	24	34	12	-1.4	213.4	177.8	CANADA	EDMONTON	5	17	-8	-1.1	29.1	12.5
INDIA	CALCUTTA	28	34	19	-0.1	50.4	-81.6	CANADA	VANCOUVER	10	16	-1	-0.4	201.8	87.7
INDIA	VERAVAL	28	39	19	0.4	41.5	14.9	MEXICO	GUADALAJARA	18	28	7	-1.0	4.2	-65.6
INDIA	BOMBAY	27	36	17	-0.3	160.6	43.6	MEXICO	MEXICO CITY	16	25	8	1.2	3.3	-31.2
INDIA	POONA	24	33	11	-1.7	147.5	71.1	MEXICO	ACAPULCO	28	33	22	-0.4	17.7	-142.1
INDIA	BEGAMPET	25	34	15	-0.6	111.5	22.5	BERMUDA	ST. GEORGES	25	29	18	0.0	83.5	-77.8
INDIA	MADRAS	28	35	21	0.2	116.2	-162.5	BAHAMAS	NASSAU	27	33	21	1.1	87.0	-119.6
INDIA	MANGALORE	27	38	20	-0.1	230.0	24.0	CUBA	HAVANA	27	34	21	1.5	*****	*****
HONG KONG	HONG KONG	26	30	21	1.0	29.2	-92.0	JAMAICA	KINGSTON	28	34	19	0.7	39.6	-138.6
NORTH KOREA	PYONGYANG	12	25	-2	0.2	73.1	21.0	PUERTO RICO	SAN JUAN	26	32	22	-1.0	275.2	125.6
SOUTH KOREA	SEOUL	15	26	4	1.8	236.2	187.2	GUADELOUPE	RAIZET	27	32	21	0.5	94.0	-74.3
JAPAN	SAPPORO	11	22	0	0.3	167.0	51.6	MARTINIQUE	LAMENTIN	27	31	21	1.4	111.4	-119.7
JAPAN	NAGOYA	18	30	10	1.3	68.5	-52.5	BARBADOS	BRIDGETOWN	27	31	22	-0.5	65.1	-102.7
JAPAN	TOKYO	18	29	10	0.6	100.8	-80.3	TRINIDAD	PORT OF SPAIN	27	33	19	0.7	107.0	-58.4
JAPAN	YOKOHAMA	18	28	10	0.7	125.5	-90.4	COLOMBIA	BOGOTA	13	21	4	0.0	*****	*****
JAPAN	KYOTO	18	30	9	1.9	54.5	-69.9	VENEZUELA	CARACAS	27	32	22	-0.5	25.0	-23.4
JAPAN	OSAKA	19	30	10	1.4	68.0	-46.0	FR GUIANA	CAYENNE	27	33	19	0.4	83.9	15.4
THAILAND	PHETCHABUN	27	34	19	0.1	104.2	9.2	BRAZIL	FORTALEZA	27	33	21	0.0	0.3	-13.5
THAILAND	BANGKOK	28	33	22	-0.2	378.0	160.5	BRAZIL	RECIFE	26	31	19	-0.1	17.5	-28.9
MALAYSIA	KUALA LUMPUR	27	33	22	0.8	91.5	-177.7	BRAZIL	BELO HORIZONTE	23	33	14	1.3	63.3	-75.6
VIETNAM	HANOI	26	33	15	1.1	96.2	-2.9	BRAZIL	CAMPO GRANDE	26	36	14	2.5	44.1	-118.0
CHINA	HARBIN	7	22	-7	1.3	8.1	-19.6	BRAZIL	FRANCA	23	33	9	2.3	53.8	-77.3
CHINA	HAMI	11	31	-3	1.3	3.0	1.4	BRAZIL	RIO DE JANEIRO	23	35	17	0.3	22.0	-62.8
CHINA	LANCHOW	10	25	-1	0.6	38.4	13.7	BRAZIL	LONDRINA	24	36	11	2.3	43.8	-130.7
CHINA	BELJING	14	27	2	1.5	3.3	-20.8	BRAZIL	SANTA MARIA	21	36	7	1.9	52.0	-125.0
CHINA	TIENTSIN	15	27	6	1.6	11.3	-13.6	BRAZIL	PORTO ALEGRE	22	37	10	3.1	51.9	-67.2
CHINA	LHASA	9	21	-3	0.2	1.0	-6.5	PERU	LIMA	18	23	10	1.4	0.3	0.3
CHINA	KUNMING	16	25	4	0.8	32.5	-51.3	BOLIVIA	LA PAZ	9	18	0	-1.4	24.9	-12.5
CHINA	CHENGCHOW	15	30	0	-0.4	73.2	29.2	CHILE	SANTIAGO	15	29	3	0.9	15.7	4.9
CHINA	YEHCHANG	17	29	9	-1.0	65.6	-11.5	ARGENTINA	IGUAZU	23	36	11	*****	166.3	*****
CHINA	HANKOW	17	32	9	-0.2	96.9	34.7	ARGENTINA	FORMOSA	23	37	10	1.1	104.2	-38.8
CHINA	CHUNGKING	19	31	12	-0.5	63.4	-33.2	ARGENTINA	CERES	20	36	4	0.0	136.3	59.6
CHINA	CHIHKIANG	19	34	9	0.9	98.4	1.3	ARGENTINA	CORDOBA	18	37	7	0.5	55.5	-14.8
CHINA	WU HU	18	31	10	-0.8	153.0	82.9	ARGENTINA	RIO CUARTO	16	36	2	-0.1	131.7	40.1
CHINA	SHANGHAI	19	32	14	1.4	110.3	60.0	ARGENTINA	ROSARIO	17	32	5	0.1	118.9	21.0
CHINA	NANCHANG	20	34	12	0.6	35.7	-19.8	ARGENTINA	BUENOS AIRES	16	25	4	0.6	163.0	69.4
TAIWAN	TAIPEI	26	34	21	2.8	111.9	-10.0	ARGENTINA	SANTA ROSA	15	28	2	0.0	127.1	53.5
CHINA	CANTON	26	33	16	1.9	21.3	-47.5	ARGENTINA	TRES ARROYOS	14	25	5	0.6	106.2	39.3
CHINA	NANNING	25	33	13	1.9	34.7	-34.4	MIDWAY IS	MIDWAY ISLAND	25	30	18	1.3	182.4	-0.1
CANARY IS	LAS PALMAS	24	33	17	1.3	0.0	-15.3	N CALEDONIA	NOUMEA	22	30	15	0.3	100.7	54.0
MOROCCO	CASABLANCA	20	33	12	1.0	0.2	-37.3	FIJI	NAUSORI	25	30	18	0.6	203.8	4.9
MOROCCO	MARRAKECH	23	39	10	2.1	2.0	-19.6	SAMOA	PAGO PAGO	27	37	23	0.7	251.5	-26.6
ALGERIA	ALGER	20	35	9	1.2	30.6	-78.2	TAHITI	PAPEETE	26	31	21	0.5	44.2	-40.6
ALGERIA	BATNA	15	28	3	-0.2	54.0	25.0	NEW ZEALAND	AUCKLAND	14	21	6	-0.9	55.4	-35.4
TUNISIA	TUNIS	21	30	12	1.1	9.9	-67.8	NEW ZEALAND	WELLINGTON	12	20	4	-0.3	91.5	-9.5
NIGER	NIAMEY	31	40	19	0.7	0.0	-16.1	PAPUA N GUI	PORT MORESBY	27	32	22	-0.4	55.2	22.2
MALI	TIMBUKTU	31	41	18	-0.2	0.0	-2.8	AUSTRALIA	DARWIN	29	34	24	0.4	80.2	0.6
MALI	BAMAKO	29	39	19	1.5	4.5	-59.8	AUSTRALIA	MOREE	19	29	7	-0.7	61.4	12.5
MAURITANIA	NOUAKCHOTT	31	44	20	2.4	0.0	-9.6	AUSTRALIA	BRISBANE	20	31	13	-0.6	128.8	30.5
SENEGAL	DAKAR	28	34	22	0.3	15.9	-35.6	AUSTRALIA	PERTH	16	30	6	-0.4	67.6	14.0
CHAGOS ARCH	DIEGO GARCIA	27	33	23	0.8	315.3	22.3	AUSTRALIA	CEDUNA	16	34	4	-0.7	55.6	31.0
LIBYA	TRIPOLI	22	34	8	0.2	1.8	-39.8	AUSTRALIA	ADELAIDE	16	29	5	0.5	38.4	-2.5
LIBYA	BENGHAZI	21	28	14	-1.4	23.9	3.8	AUSTRALIA	MELBOURNE	14	25	3	-0.2	62.6	-1.0
EGYPT	CAIRO	22	31	13	-1.7	0.0	-0.8	AUSTRALIA	WAGGA	16	29	6	1.6	74.0	10.6
EGYPT	ASWAN	27	38	14	-2.0	0.0	0.0	AUSTRALIA	CANBERRA	13	24	2	0.1	63.2	-9.5
ETHIOPIA	ADDIS ABABA	15	28	3	-0.9	68.4	21.4	INDONESIA	DJAKARTA	28	34	23	0.2	44.8	-24.3
KENYA	NAIROBI	20	30	7	-0.1	34.5	-5.1	PHILIPPINES	MANILA	28	37	23	0.3	81.1	-101.4

WESTERN USSR...Widespread precipitation covered the region, increasing moisture supplies. October's well-below-normal precipitation covered the south, allowing late-season harvesting to progress with few delays. However, October's dry weather limited moisture conditions for early winter grain establishment in some areas, particularly parts of the central and eastern Ukraine and the northern North Caucasus. Historically, these areas account for about 20 percent of total winter wheat production. Below-normal temperatures during October slowed plant growth and caused winter wheat to begin hardening earlier than normal. Winter grains usually enter dormancy in the south during mid-November. Moisture conditions in northern winter grain areas were adequate for plant establishment, and a favorable decrease in temperatures induced winter grains into dormancy by late October in good condition.

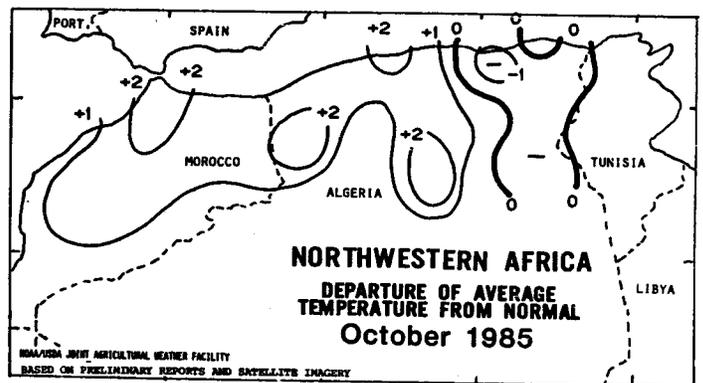
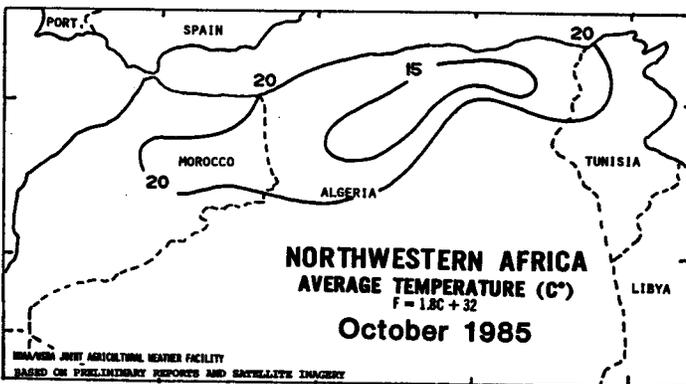
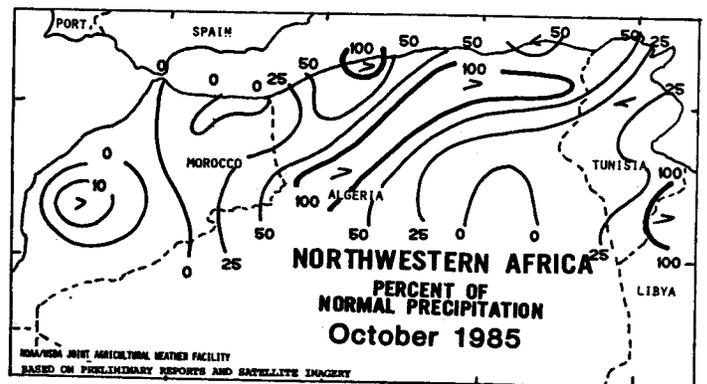
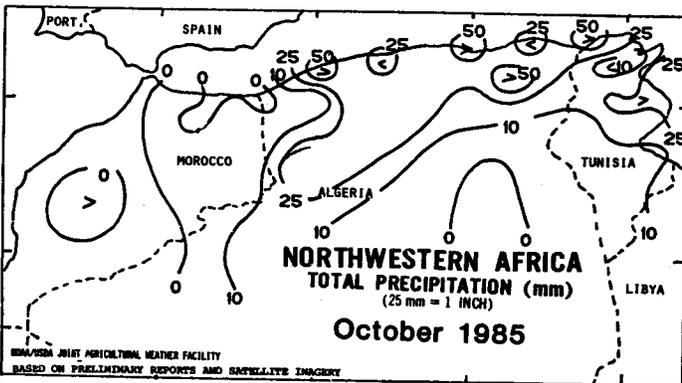
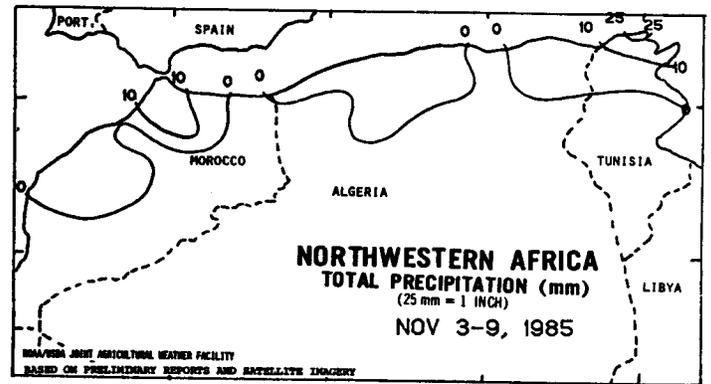




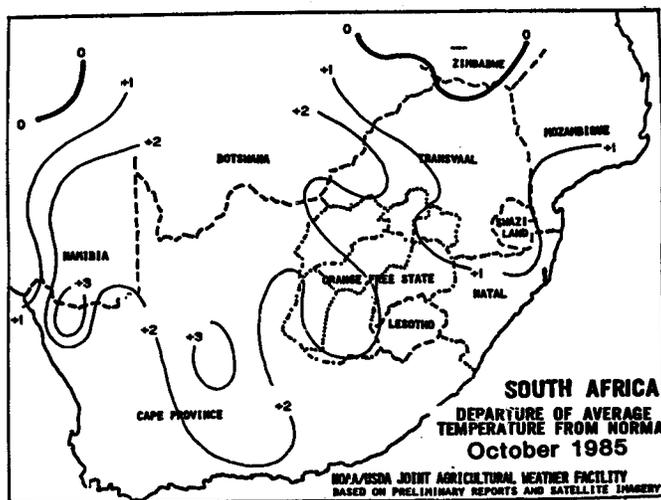
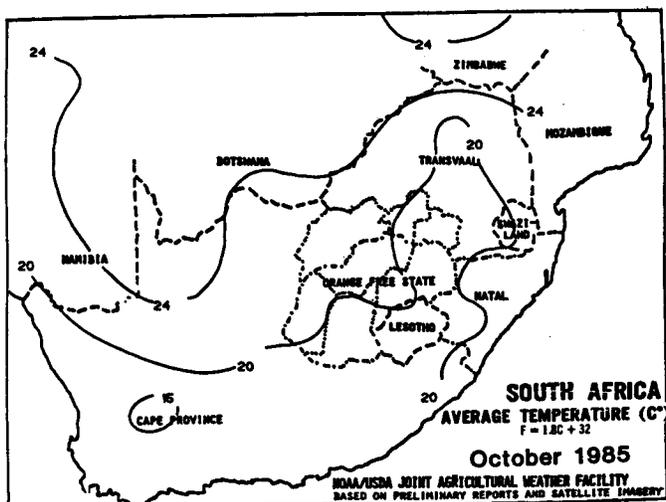
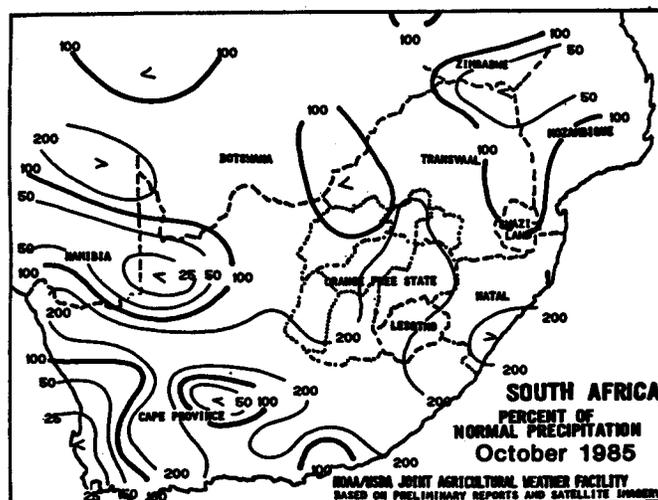
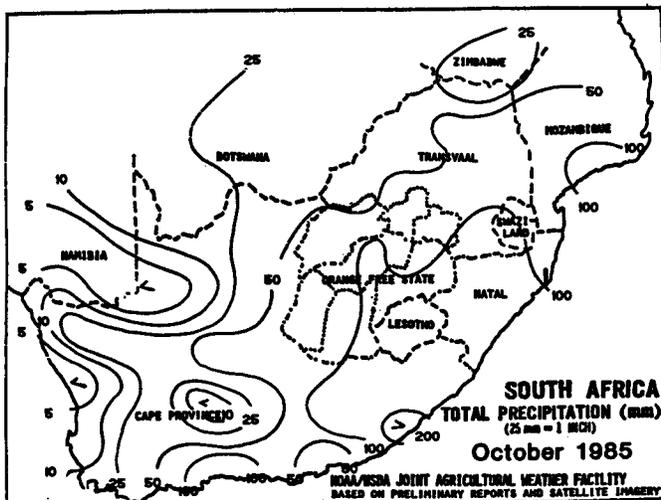
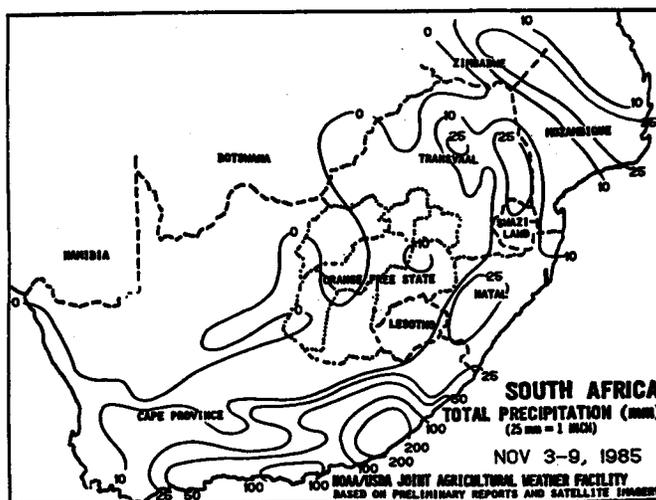
EUROPE...Beneficial precipitation in England, France, East Germany, northern Italy, Czechoslovakia, Hungary, Romania, and Bulgaria, following 2 months of well below-normal precipitation, increased moisture for winter grains. October's unseasonably dry weather in these areas created unfavorable conditions for winter grain emergence and early growth. Winter grains usually enter dormancy by late November in northern and eastern Europe, and in early December in England, northern France, Yugoslavia, and the Po Valley. Winter grain planting delays likely continued in Spain due to persistent dryness. Winter grain areas in West Germany continued to experience favorable weather for crop establishment.



NORTHWESTERN AFRICA...Light, scattered showers (1-10 mm) moistened topsoils over the region. Most areas need widespread significant rain before winter grain planting can begin. October's onset of autumn rains was delayed in most areas so crop areas in Morocco, Tunisia, and western Algeria received below-normal precipitation. By late October, a few showers fell over eastern Algeria, increasing topsoil moisture for winter grain planting.



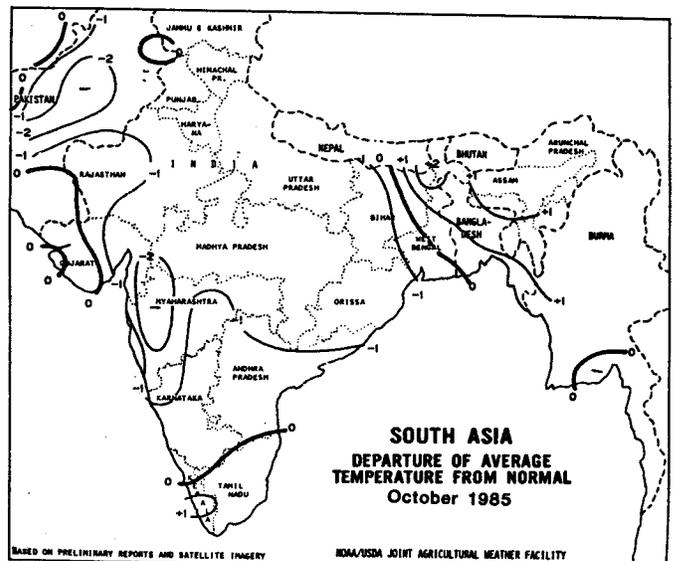
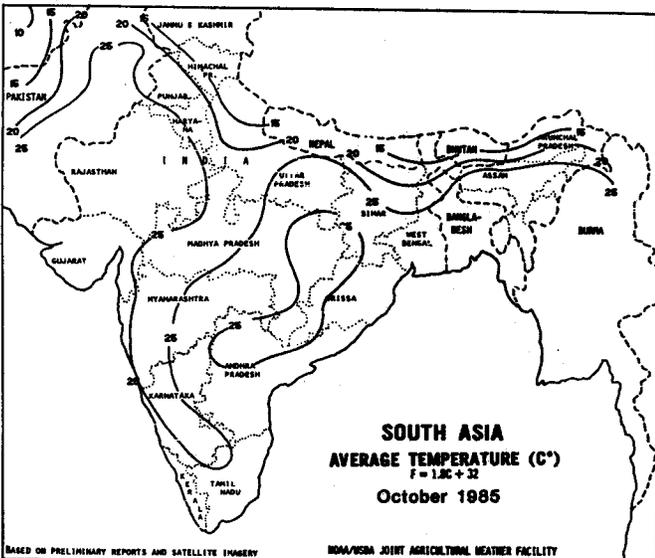
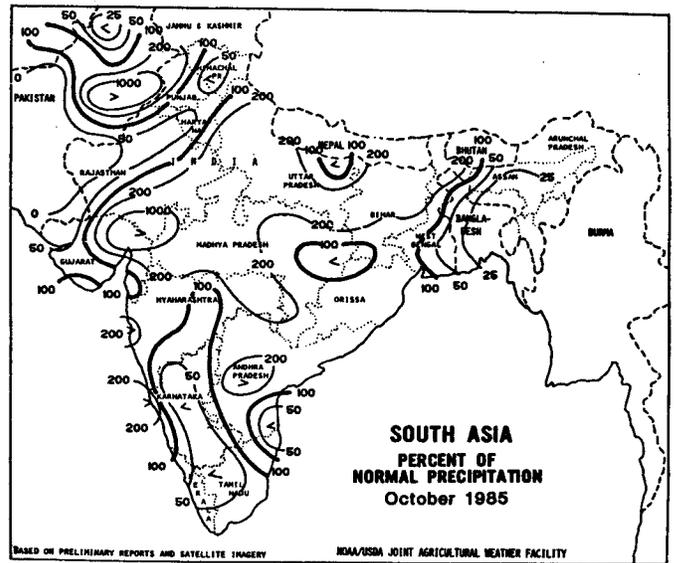
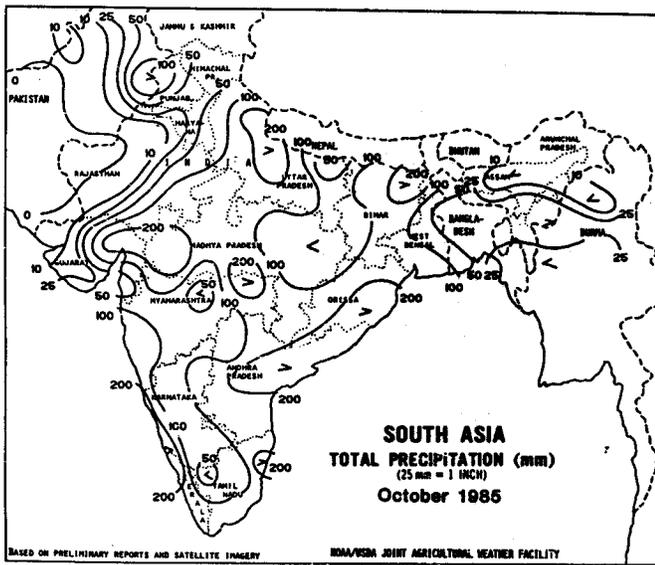
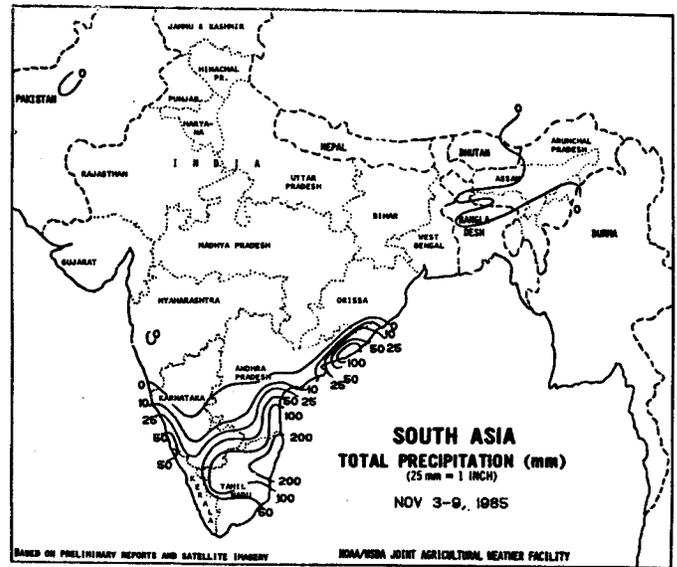
SOUTH AFRICA... Below-normal rainfall and above-normal temperatures during most of October slowed planting in the Maize Triangle. However, widespread, heavy rain in late October and early November greatly improved planting conditions. This week, relatively dry weather covered the corn region. The dry weather allowed planting to proceed, especially favoring eastern corn areas where optimal planting should occur by mid-November. Moisture is adequate in the western corn areas where planting can continue into early December. Moderate to heavy rain (25-100 mm) fell along the coast, as much as 200 mm of rain likely caused flooding on the coast of Cape Province.



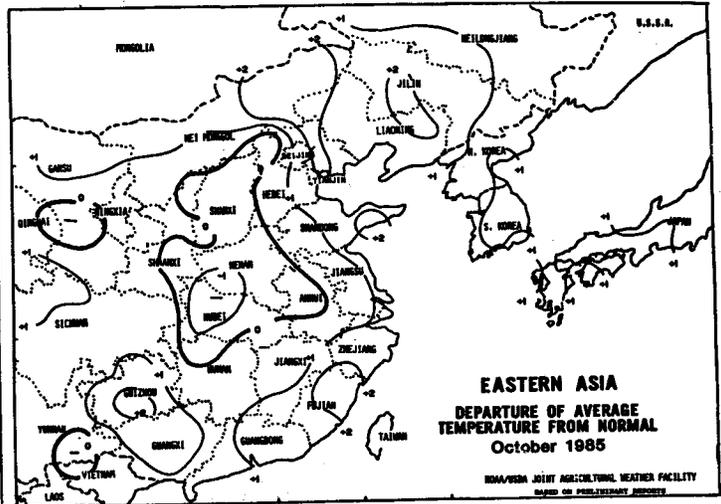
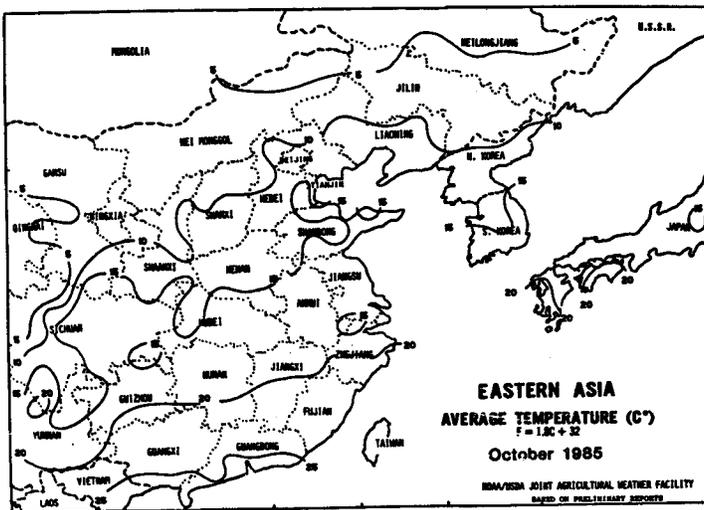
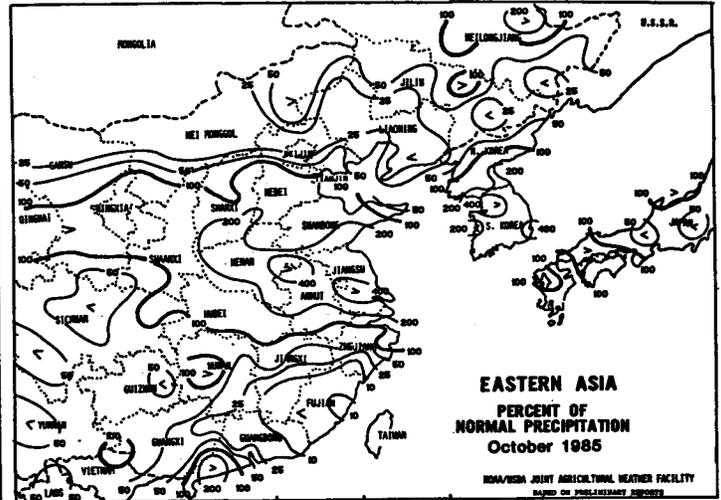
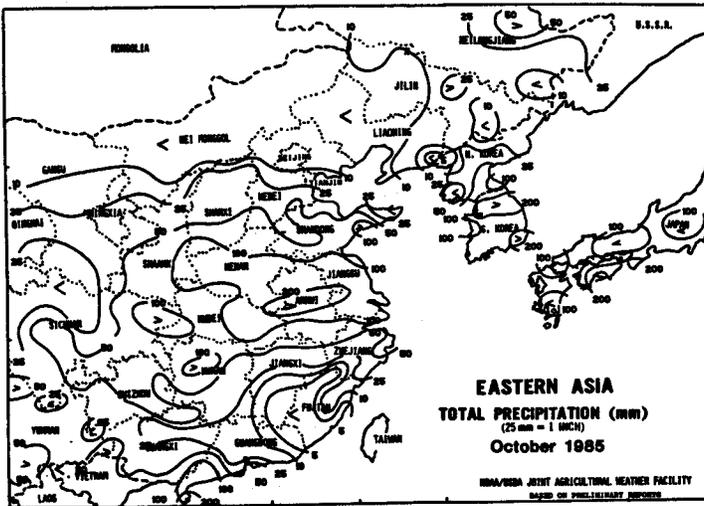
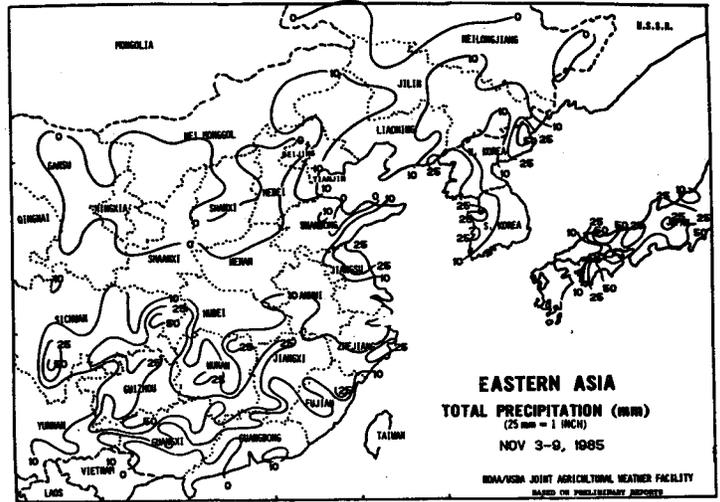
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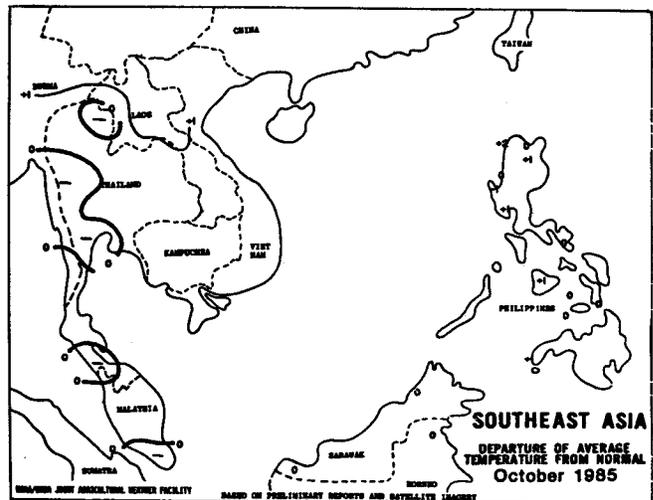
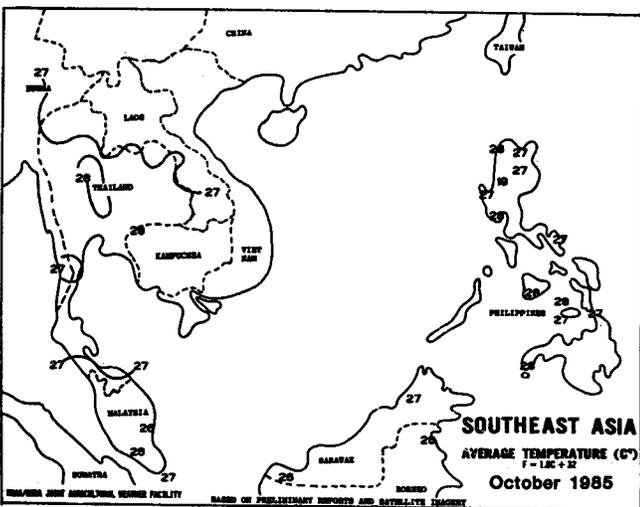
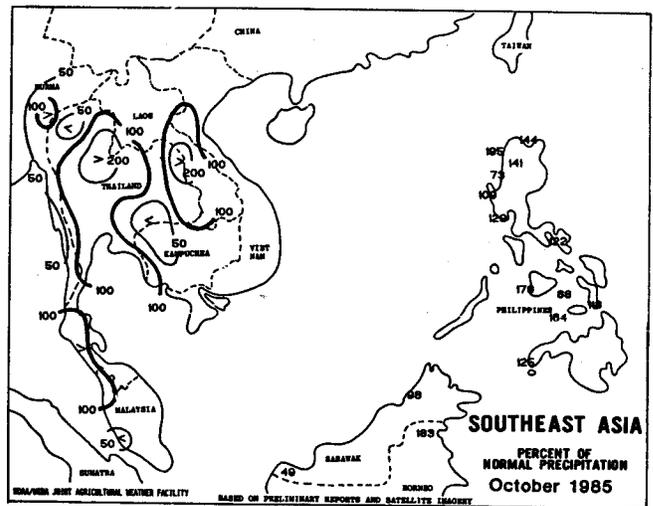
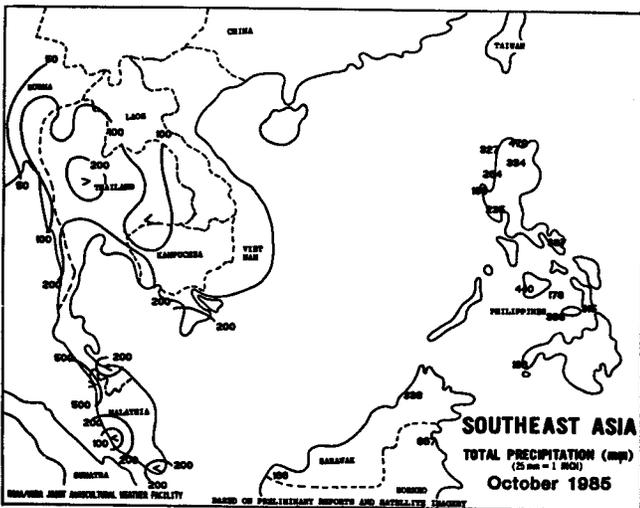
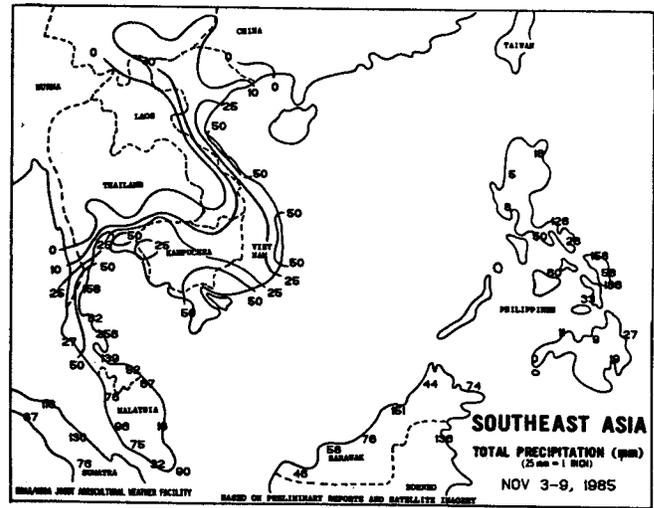
SOUTH ASIA... Much-above-normal October rainfall across northern India interrupted wheat planting, but provided abundant moisture for crop establishment. Wet weather extended into Gujarat, Madhya Pradesh, and Maharashtra, but may have been too late to improve cotton and groundnut prospects. Below-normal rain continued to stress southern cotton and groundnuts in Karnataka. Near-normal October rain maintained adequate moisture in the east for winter rice in the heading and filling stages. Seasonally dry weather covered northern India this week, while moderate to heavy rain fell in the extreme south. Flooding possibly damaged rice in Tamil Nadu.



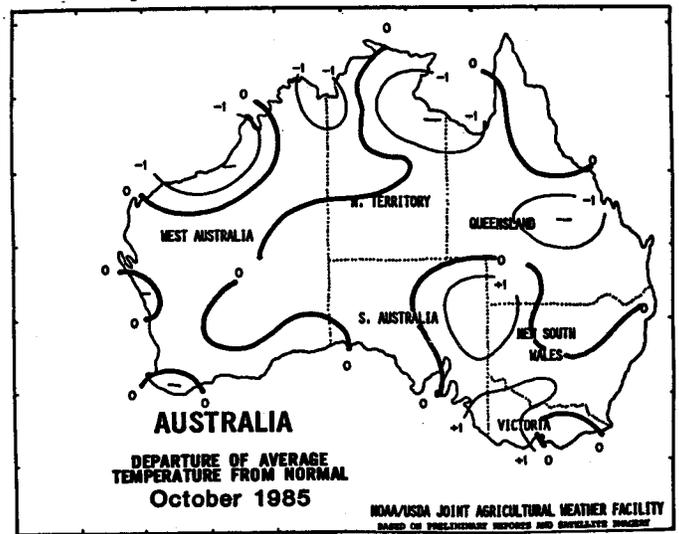
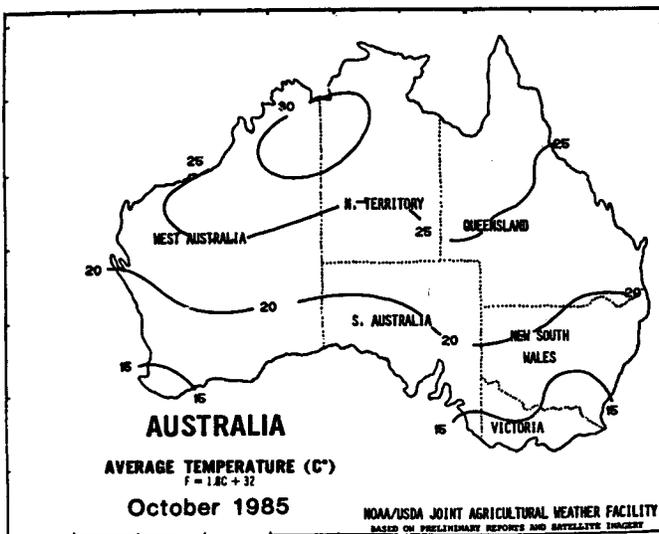
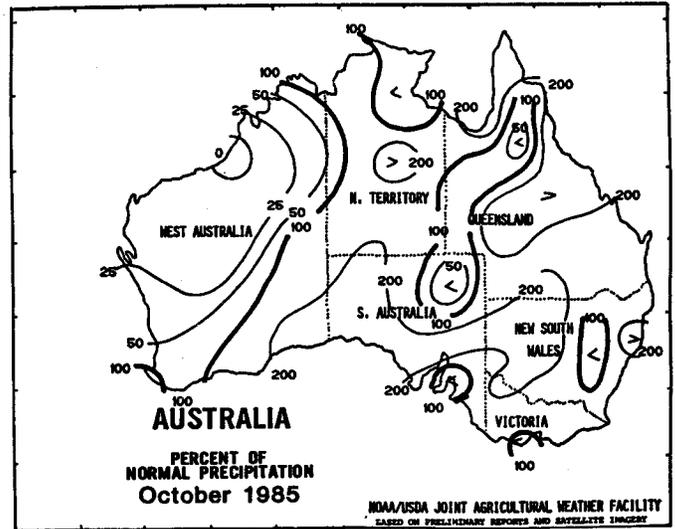
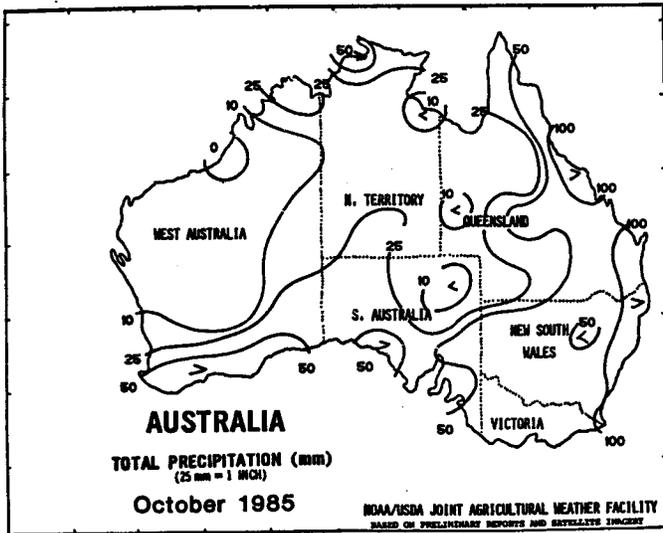
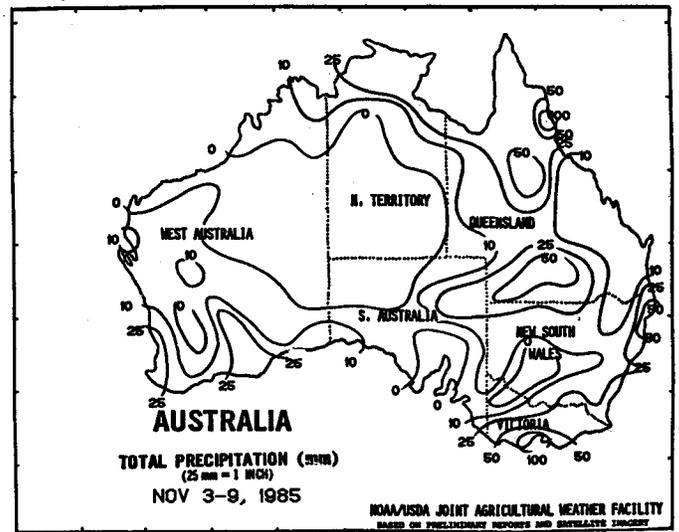
EASTERN ASIA...Wet October weather in the North China Plain slowed summer crop harvesting and winter wheat planting. The heaviest rain fell in Jiangsu, Anhui, and Henan. Cotton quality has likely been reduced by the persistent wet weather. Most of southern China was relatively dry during October, possibly stressing some late rice in the filling stage. Above-normal rain in Korea delayed rice harvesting. Recent drier weather in the North China Plain benefited winter wheat planting; however, below-normal temperatures in Henan were unfavorable for establishment of late planted wheat. Light to moderate showers fell in southern China, unfavorable for maturing rice.



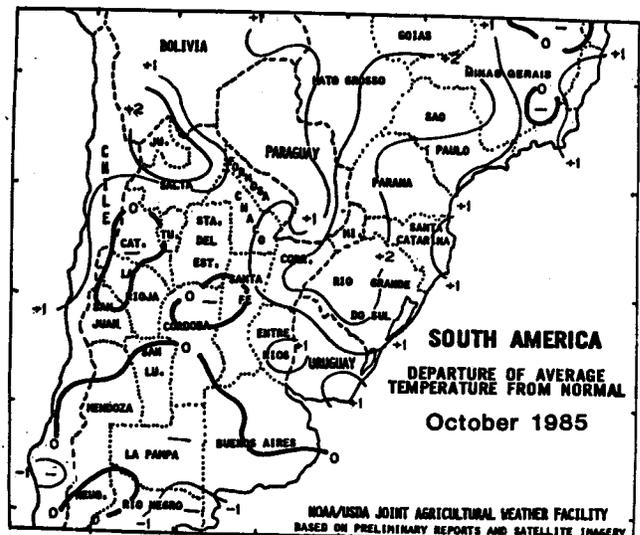
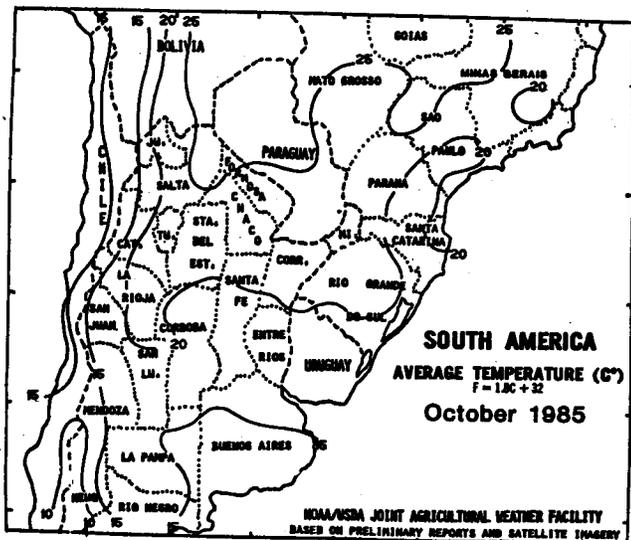
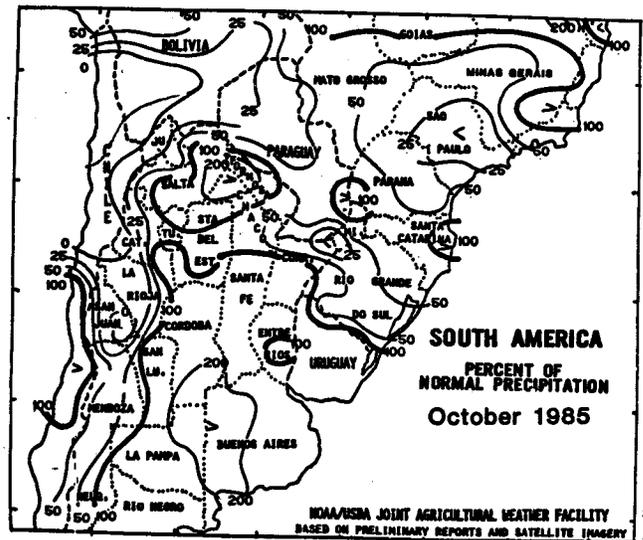
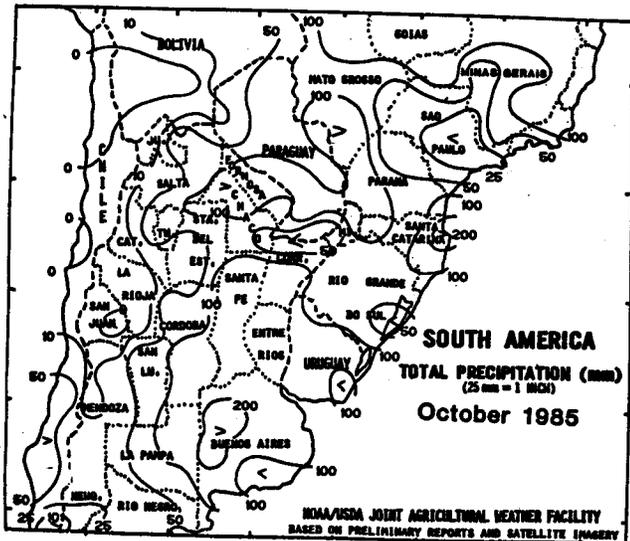
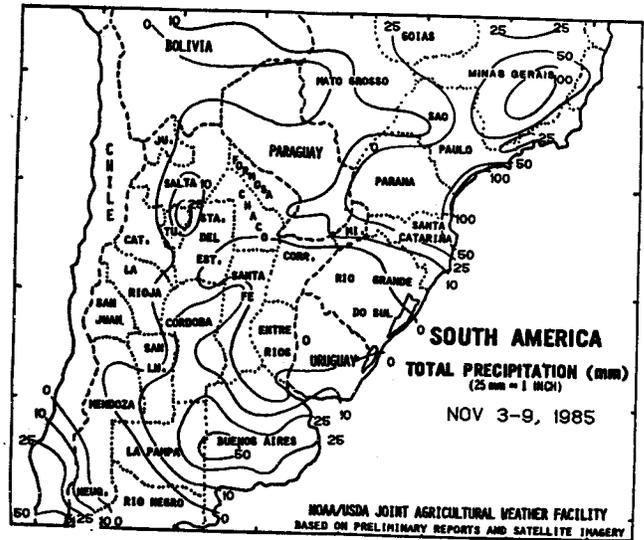
SOUTHEAST ASIA... Above-normal October rainfall from 4 tropical storms covered much of the region. The rain mostly benefited Thailand's eastern rainfed rice region, where earlier dry weather stressed crops. However, some flooding damaged localized areas in Vietnam, Laos, Thailand, and the Philippines. Dry weather covered much of Thailand this week, benefiting maturing rice. Harvesting of early planted rice began in Thailand. Rice harvesting can continue through January because of the lengthy planting season.



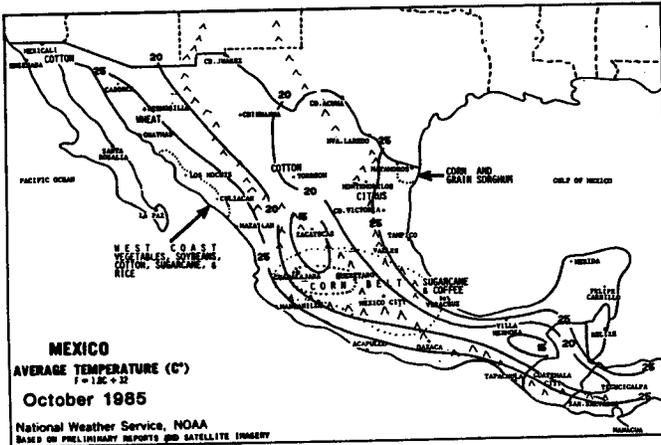
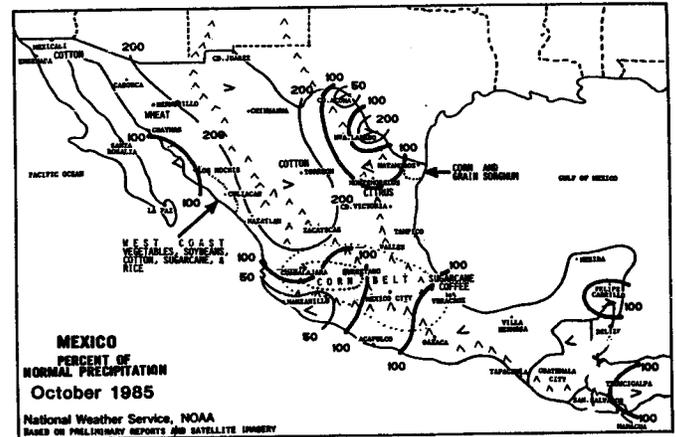
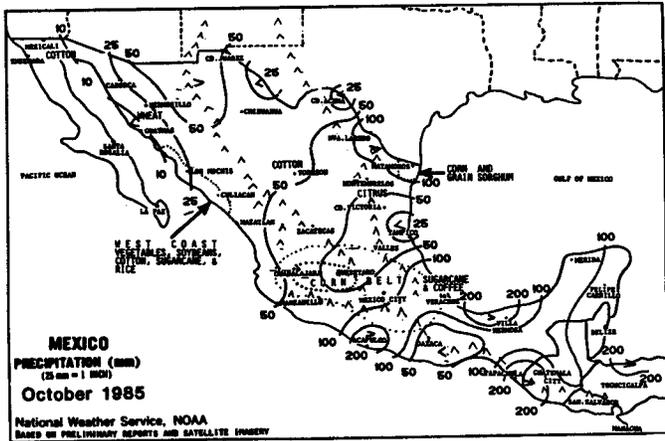
AUSTRALIA... October precipitation was near to above normal in the eastern wheat belt. The moisture arrived during wheat's critical grain filling period and greatly improved the yield prospects following the earlier drier weather. Wheat harvesting is spreading southward from Queensland, where wet October weather interrupted some harvesting. In Western Australia, below-normal October rainfall was unfavorable for grain filling wheat. Much of the western wheat area received less than 25 mm of rain during October. This week, light to moderate showers fell on maturing wheat in Queensland and New South Wales. Moderate rain in Victoria benefited wheat in the grain filling stage.

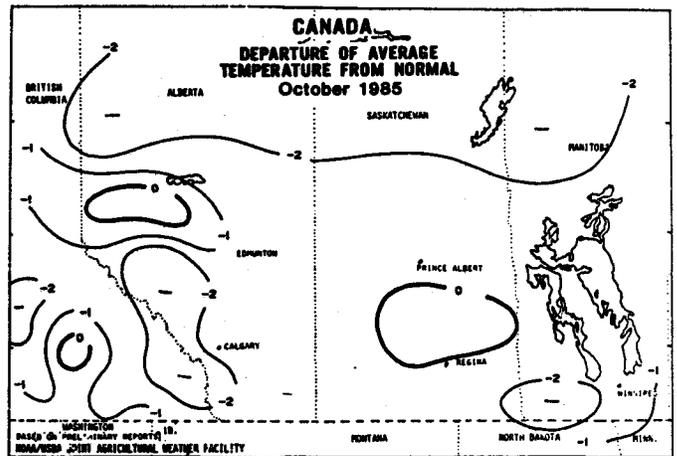
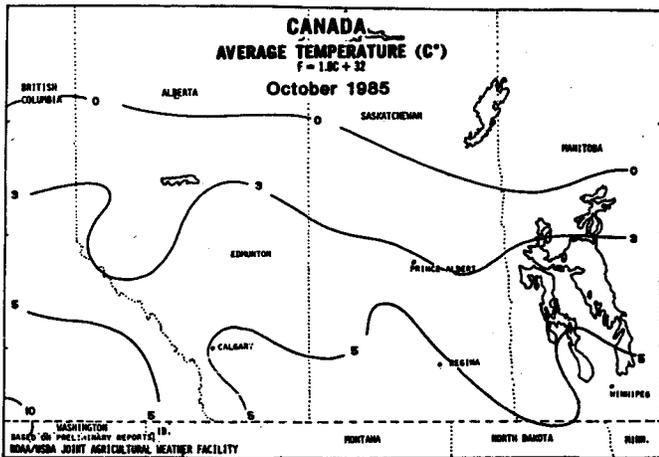
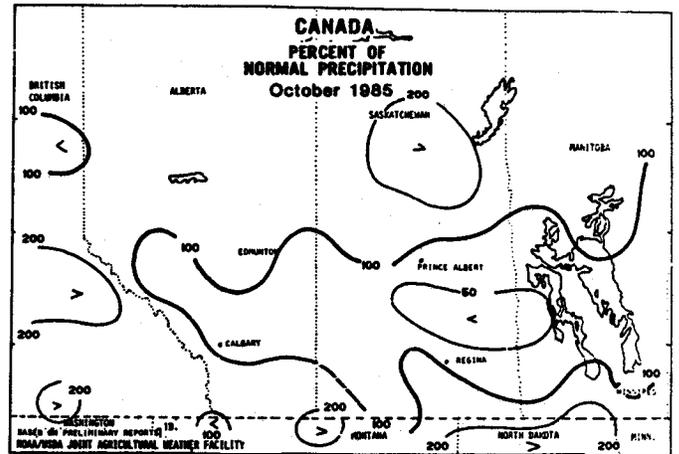
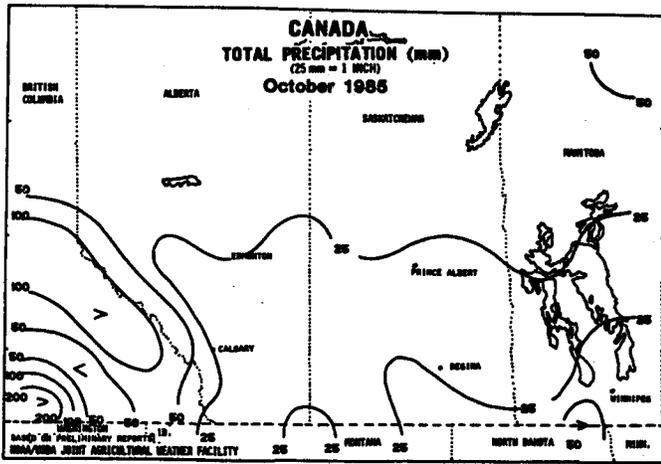


SOUTH AMERICA...Widespread showers fell again early in the week over Brazil's northern grain area, improving soil conditions for corn, cotton, and early soybean planting and late coffee flowering. Early November rains broke the 5-month drought in the widely diversified crop areas of northern Parana, Sao Paulo, and southern Minas Gerais. October rainfall exemplified the well-below normal rainfall pattern in the region, delaying cotton planting and damaging coffee tree flowering. Late-week dry weather over most of Brazil's center-south helped fieldwork and favored maturing wheat in Rio Grande do Sul. In Argentina, rain (20-65 mm) over southern and western wheat promoted grain filling and kept soils moist for emerging summer crops. Drier weather in northern Buenos Aires and Santa Fe and in northern cotton areas favored summer crop planting. Moisture is ample in Argentina's crop areas for early vegetative growth.



MEXICO... Dry weather covered the northern half of the country, favoring summer crop harvesting along the west coast and promoting wheat growth in the northwest. October rainfall was near average in the northwest. Above-normal October rain in the northwest mountain watersheds and north-central grazing areas helped moisture reserves. Light showers (mostly less than 5 mm) this past week caused no significant harvest delays in the Southern Plateau corn belt. Scattered heavier showers (8-25 mm) along the east coast from Tampico to Veracruz caused only slightly delayed sugarcane harvesting. Light rain (less than 5 mm) continued October's generally below-average rainfall pattern in the Yucatan peninsula, where corn is in vegetative growth.





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(Continued from p. 16)

WISCONSIN: Average temperatures near normal. Precipitation 0.20 to 0.60 in. north, 0.70 to 1.00 in. central, 0.90 to 1.70 in. south. Weekend snowstorm brought 4 to 12 in. snow, central and southern districts.

Days suitable for fieldwork 2.7. Soil moisture 22% adequate, 78% surplus; field conditions very muddy. Corn harvested 46%, 58% 1984, 57% avg. Soybeans harvested 63%, 64% 1984, 72% avg. Winter wheat in good condition, some yellowing due to high moisture stress in low areas. Fall plowing 32%, 35% 1984, 39% avg.

WYOMING: Temperatures 3 to 70 above normal. Northwest well above normal precipitation.

Winter wheat mostly good. Most sugarbeets harvested. Corn for grain harvest continued at rapid pace. Livestock fair to good. Supplemental feeding in areas with snow cover or short winter pasture.

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