

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

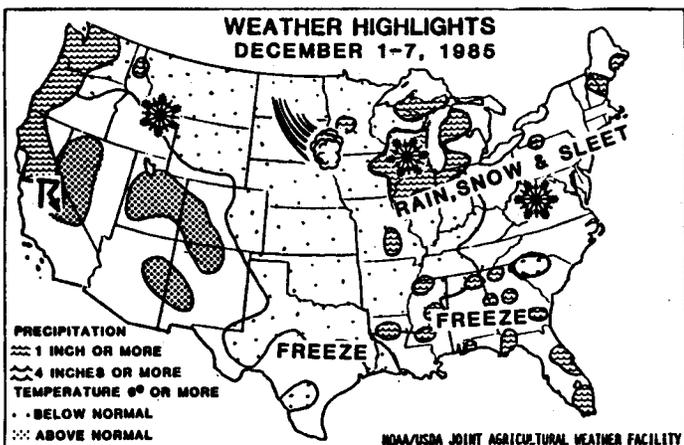
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Dec. 10, 1985

National Weather Summary

December 1 to 7, 1985



HIGHLIGHTS: Severely cold weather still covered the northern Rockies and Plains, and the upper Mississippi Valley; however, temperatures were not as cold as the previous week. The cold air spread eastward, and colder-than-normal weather reached the Atlantic and into northern Florida. The Southwest was much warmer. Light rain showers reached from eastern Texas into the Southeast, but some heavy rain fell in southern Florida. Light rain or drizzle fell in all of the East Coast States, but at times was mixed with sleet from the central Appalachians northward. Snow was heavy from eastern Iowa through upper Michigan. Rain or rain showers fell along the west coast, and some thunderstorms reached from central California into Nevada. Heavy snow fell in the Cascades of Washington and Oregon.

SUNDAY...A winter storm moved rapidly from the central Plains through the Great Lakes into Canada. Very cold air plunged southward behind the storm and reached to south-central Texas and over the Appalachians by the end of the day. Snow spread from eastern Oklahoma through Michigan and New England. Thunderstorms triggered showers in the Southeast, and light rain or drizzle covered the rest of the East.

MONDAY...Freezing weather reached south central Texas, northern Alabama, and the Appalachians. Snow fell through the eastern Great Lakes and upper Ohio Valley, while light rain was mixed with freezing rain from the mid-Atlantic States to New England. Warmer weather brought rain to much of the west coast, but snow fell in the Northwest and through the Rockies.

TUESDAY...The cold weather pushed to the gulf coast, into the Atlantic, and to central Florida. Warmer weather covered the Southwest, but snow fell in the Northwest, the northern Rockies and Plains, and the upper Great Lakes.

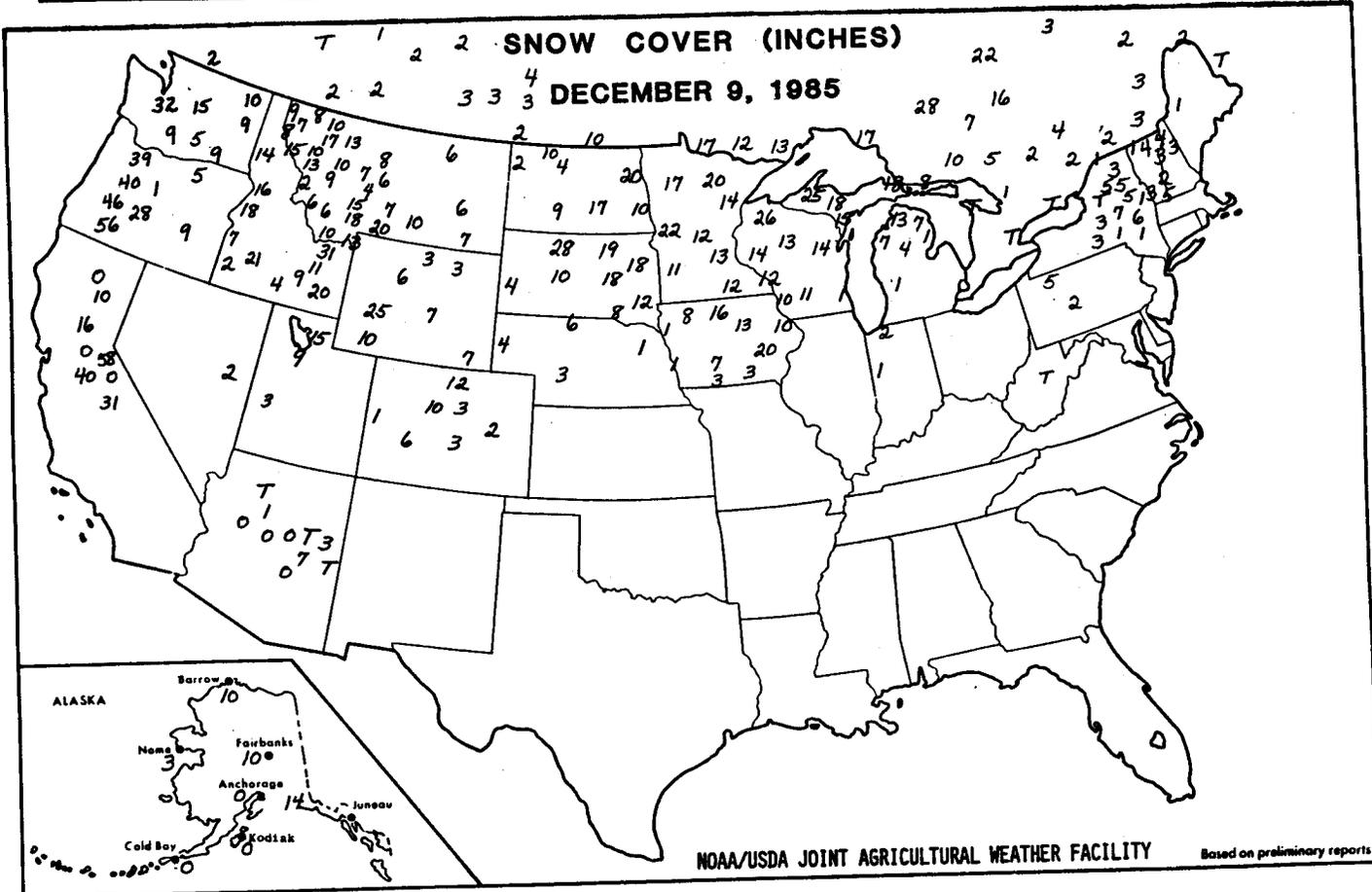
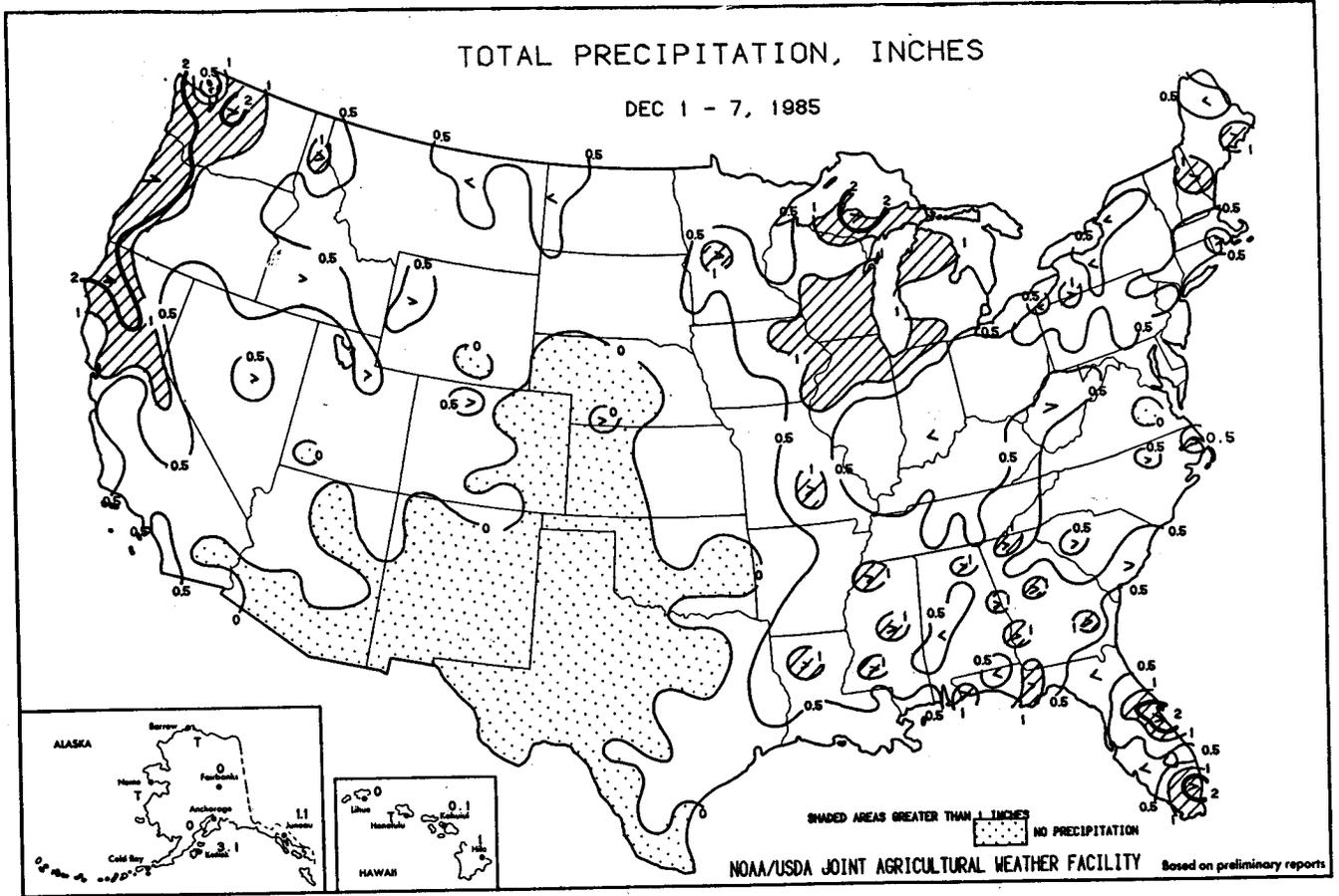
WEDNESDAY...Rain fell along the Northwest Coast to central California as snow fell in the Cascades. Warmer weather was in the southern Plains and most of Florida, but freezing temperatures pushed to the gulf coast in Mississippi and Alabama. Light rain showers fell from eastern Texas to the Tennessee Valley and the lower Ohio Valley. Freezing rain mixed with snow fell from Iowa and Nebraska to southern Michigan. Snow and strong, gusty winds continued from the upper Mississippi Valley through the Great Lakes.

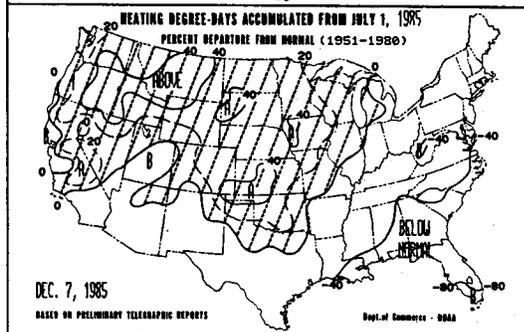
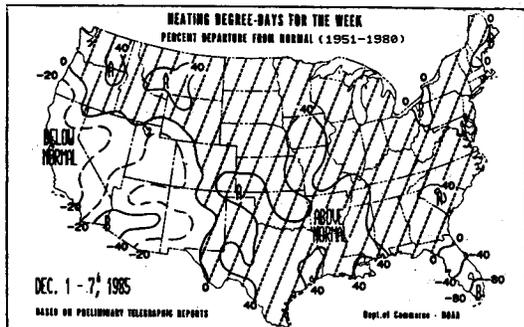
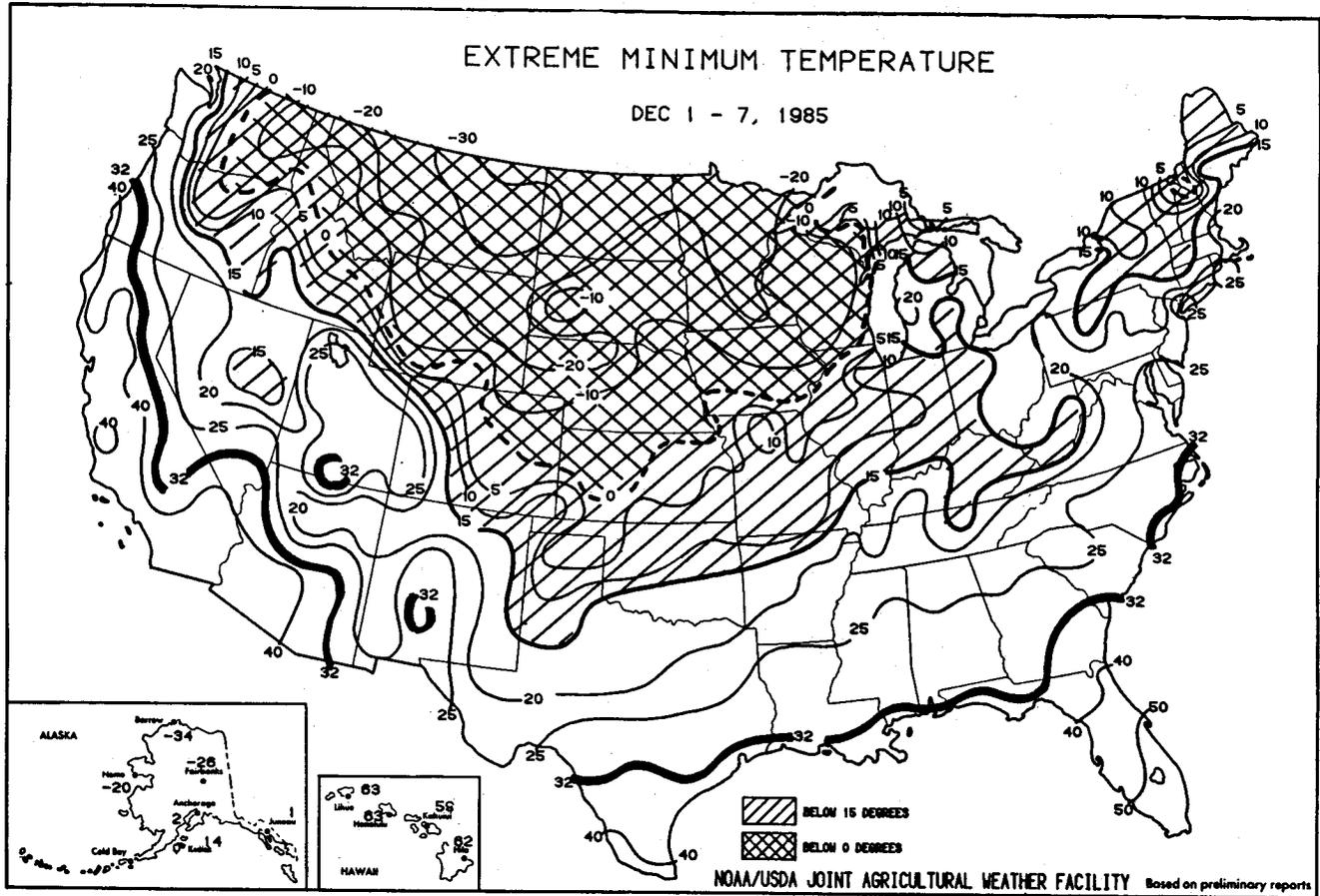
THURSDAY...Light rain continued along the west coast to central California, but moderate amounts fell along the coasts of Washington and Oregon. Heavy snow covered the Cascade Mountains of those States. Freezing weather continued down the east coast through the Carolinas, but warmer weather was in the South and the central Appalachians. Light rain covered the East Coast States and through the Appalachians with some heavy showers in Florida. Mixed sleet and snow fell from southern Illinois into Kentucky with snow falling northward.

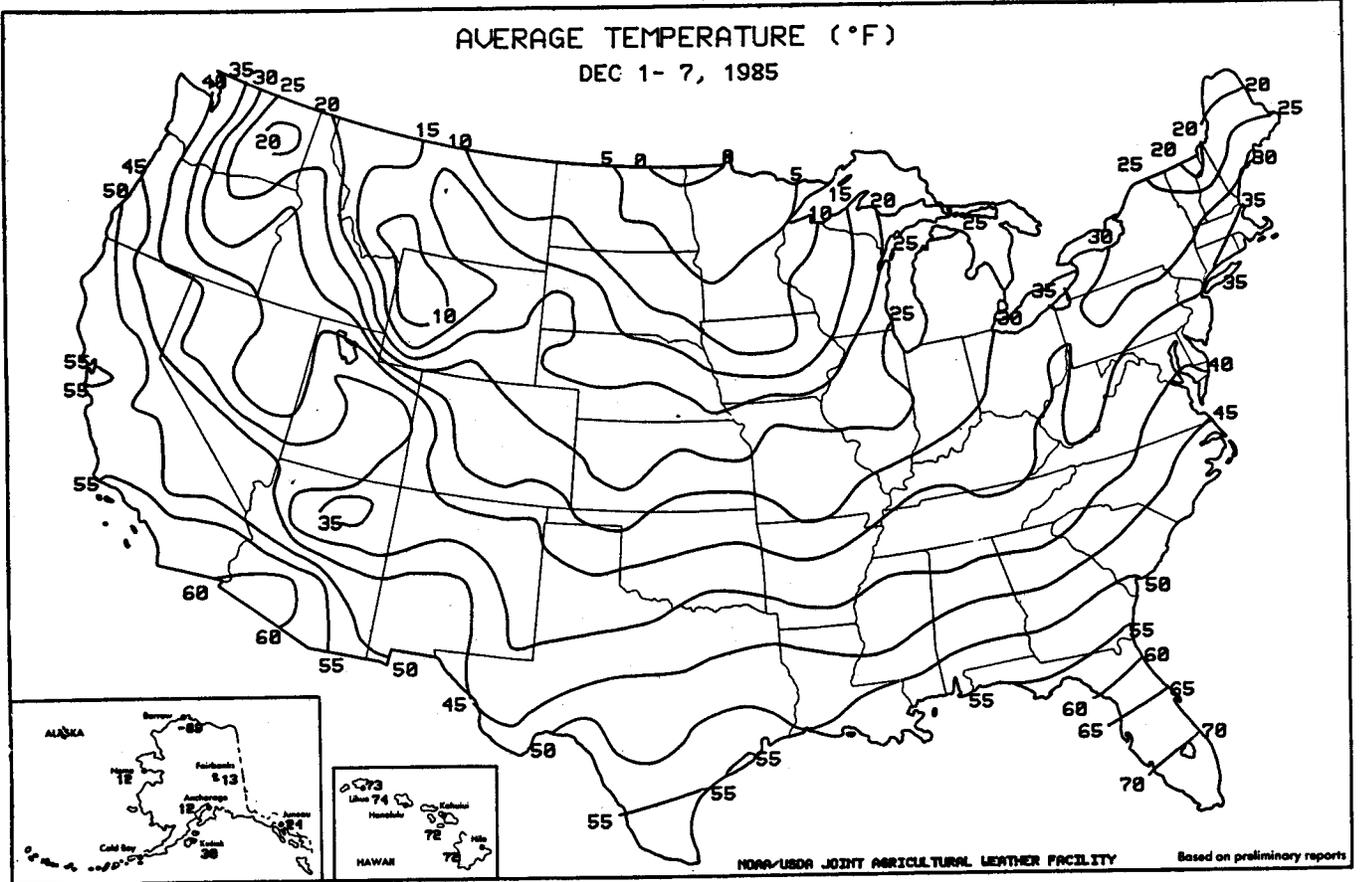
FRIDAY...Rain continued in the Northwest with moderate amounts falling along the coast of Washington and Oregon. Freezing rain fell in inland areas with snow confined to high elevations. Mixed sleet and snow fell from the central Appalachians to New England. The severely cold weather of the past several weeks moderated in most of the West, but subzero temperatures were in the upper Mississippi Valley.

SATURDAY...Another surge of cold air pushed into the East through the lower Mississippi Valley and into northern Florida. Light freezing rain or drizzle fell from the central Appalachians to New England. A Pacific storm moved over the Northwest and spread showers and thundershowers along the coast to central California and onto the Plateau. Light rain fell in parts of Washington and Oregon, and snow covered the northern Rockies.

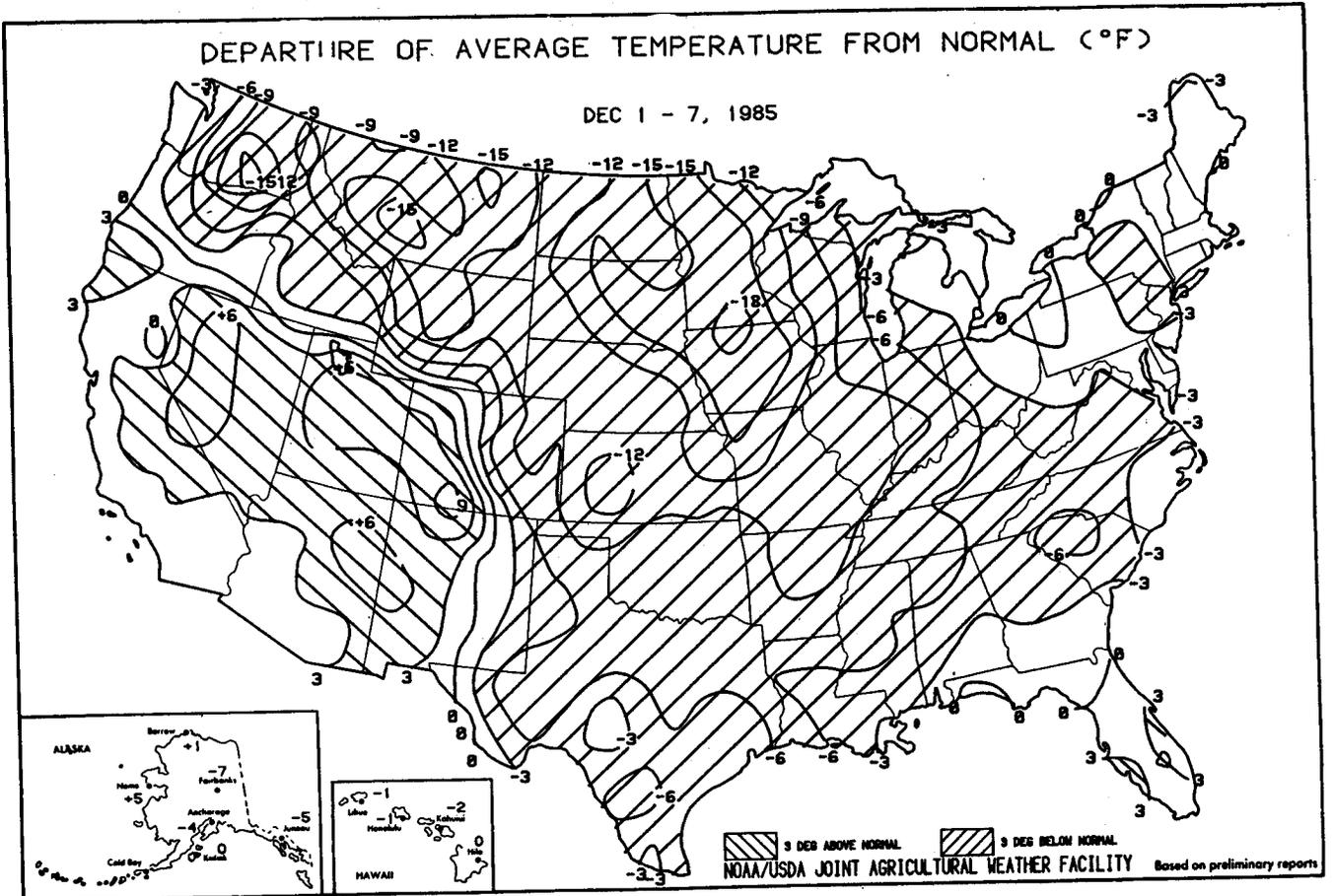
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Point values may differ on these computerized maps from the reported values in the tables.



Weather Data for the Week Ending December 7, 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 DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL BIRMINGHAM	52	31	67	23	41	-6	.4	-.7	.3	.4	38	47.5	94	88	44	0	5	2	0	
MOBILE	62	37	78	30	50	-5.6	.2	-1.0	.2	.2	18	65.8	109	88	41	0	2	1	0	
MONTGOMERY	59	35	77	27	47	-4.4	.6	-.4	.6	.6	62	43.4	96	90	46	0	3	1	0	
AK ANCHORAGE	18	6	22	2	12	-4.4	T	-.3	T	T	0	14.1	98	92	70	0	7	0	0	
FAIRBANKS	-3	-16	5	-34	-9	-1	T	-.1	T	T	29	3.6	78	85	75	0	7	2	0	
JUNEAU	30	18	43	1	24	-5	T	-.2	T	T	0	11.6	118	81	73	0	7	0	0	
KODIAK	36	24	40	14	30	0	1.1	0	.7	1.1	97	34.0	70	86	67	0	5	3	1	
NOME	19	6	35	-20	12	5	3.1	1.8	1.4	3.1	232	64.8	94	97	81	0	4	6	2	
AZ PHOENIX	69	49	73	45	59	4	T	-.1	T	T	18	20.0	140	76	49	7	1	0	0	
PRESCOTT	54	30	58	28	42	3	T	-.3	T	T	3	15.1	86	89	50	0	5	0	0	
TUCSON	70	42	76	37	56	3	T	-.2	T	T	0	12.7	122	92	29	0	1	0	0	
YUMA	71	51	75	45	61	6	T	0	T	T	57	2.5	104	73	37	0	0	0	0	
AR FORT SMITH	45	25	57	15	35	-10	T	-.8	T	T	0	49.7	131	92	48	7	1	0	1	
LITTLE ROCK	44	27	58	19	36	-6	.6	-.4	.6	.6	61	48.1	111	82	64	6	0	1	0	
CA BAKERSFIELD	61	46	69	41	53	3	.2	.1	.2	.2	143	4.2	81	99	65	0	1	1	0	
EUREKA	59	48	63	44	54	3	2.3	.9	.6	2.3	163	22.6	67	83	63	0	7	2	0	
FRESNO	61	46	68	42	53	6	.6	.2	.4	.6	160	8.2	88	93	67	0	4	1	0	
LOS ANGELES	66	53	74	49	59	1	.4	0	.4	.4	100	9.2	85	96	60	0	1	0	0	
RED BLUFF	56	46	60	43	51	3	2.1	1.3	1.2	2.1	274	13.8	74	96	72	0	4	2	1	
SACRAMENTO	60	46	64	41	53	6	1.4	.8	.7	1.4	245	10.5	71	98	65	0	6	6	0	
SAN DIEGO	65	52	73	49	59	0	.7	.5	.5	.7	261	8.4	102	96	60	0	2	2	0	
SAN FRANCISCO	58	49	62	43	53	3	.9	.2	.4	.9	129	11.8	70	99	77	0	5	0	0	
CO DENVER	39	15	57	-6	27	-7	T	-.1	T	T	0	15.7	105	70	34	4	0	0	0	
GRAND JUNCTION	46	32	50	28	39	7	.3	-.2	.3	.3	236	11.8	157	97	55	7	1	0	0	
FUEBLO	39	13	53	4	26	-9	T	-.1	T	T	0	12.9	122	92	47	7	0	0	0	
CT BRIDGEPORT	40	27	54	19	34	-4	.4	-.2	.4	.4	46	35.1	91	89	78	4	6	0	0	
HARTFORD	38	22	56	15	30	-2	.2	-.5	.2	.2	21	35.8	87	85	49	6	3	0	0	
DC WASHINGTON	45	33	57	28	39	-3	.2	-.7	.1	.1	4	35.2	96	86	55	5	1	1	0	
FL APALACHICOLA	67	47	81	38	57	1	1.0	.3	1.0	1.0	132	65.4	126	86	52	0	2	1	1	
DAYTONA BEACH	73	53	83	43	63	2	.8	.3	.8	.8	148	44.0	94	96	53	0	1	0	0	
JACKSONVILLE	68	44	83	36	56	-1	.4	-.2	.4	.4	69	55.3	109	96	53	0	2	1	0	
KEY WEST	79	69	83	64	74	2	1.0	.5	.6	1.0	210	40.9	107	94	67	0	4	3	2	
MIAMI	79	64	84	55	72	2	2.4	2.0	1.2	2.4	569	55.0	98	90	61	0	2	1	1	
ORLANDO	74	55	84	47	65	1	2.1	1.7	1.7	2.1	507	45.9	99	97	58	0	2	1	1	
TALLAHASSEE	65	40	77	29	53	-2	1.1	.1	1.1	1.1	113	57.0	93	92	46	2	1	1	0	
TAMPA	74	56	83	45	65	2	T	-.5	T	T	0	43.6	97	90	52	0	0	0	0	
WEST PALM BEACH	78	63	84	54	71	3	.4	-.1	.4	.4	83	46.8	81	93	57	0	2	1	0	
GA ATLANTA	52	33	59	24	42	-5	.4	-.6	.4	.4	40	48.0	106	86	44	5	4	0	0	
AUGUSTA	56	34	61	26	45	-4	.4	-.3	.3	.4	59	37.0	91	90	38	0	2	0	0	
MACON	56	36	65	26	46	-5	.3	-.5	.3	.3	35	33.3	80	95	43	3	1	0	0	
SAVANNAH	60	40	69	32	50	-3	.5	-.1	.4	.5	88	37.4	79	90	43	1	3	0	0	
HI HILO	78	66	82	62	72	0	1.0	-2.4	.5	1.0	30	110.3	93	89	64	0	5	0	0	
HONOLULU	81	67	83	63	74	-1	T	-.7	T	T	4	16.7	80	86	56	0	1	1	0	
KAHULUI	80	64	84	59	72	-2	.1	-.1	.1	.1	18	15.0	86	94	60	0	1	0	0	
LIHUE	79	67	81	63	73	-1	T	-.2	T	T	0	25.7	65	83	62	0	0	0	0	
ID BOISE	38	23	45	16	30	-4	.9	.6	.4	.9	303	10.9	102	91	71	7	4	0	0	
LEWISTON	34	21	49	3	27	-7	.1	-.1	.1	.1	50	9.5	81	93	69	7	3	0	0	
FOCATELLO	34	15	42	3	25	-5	.4	.2	.2	.4	210	11.0	109	94	68	0	4	0	1	
IL CHICAGO	33	16	50	5	24	-7	1.0	.6	.9	1.0	212	39.6	125	86	62	7	3	1	1	
MOLINE	30	10	40	-1	20	-11	1.6	1.1	1.5	1.6	325	40.5	113	87	65	0	2	1	1	
PEORIA	33	12	48	3	22	-10	1.0	.5	1.0	1.0	206	42.6	128	90	67	7	1	1	1	
QUINCY	33	12	44	5	23	-12	.8	.4	.8	.8	198	41.5	114	88	64	7	1	1	1	
ROCKFORD	31	11	43	-1	21	-8	1.5	1.0	1.5	1.5	306	39.3	111	91	71	7	3	1	1	
SPRINGFIELD	34	15	51	6	24	-11	.3	-.1	.3	.3	71	36.8	114	85	61	7	3	0	0	
IN EVANSVILLE	37	23	57	15	30	-9	.3	-.5	.3	.3	39	44.6	115	83	62	7	2	0	0	
FORT WAYNE	33	21	54	12	27	-6	.4	-.2	.3	.4	66	33.7	104	94	76	7	3	0	0	
INDIANAPOLIS	33	19	55	9	26	-9	.3	-.4	.2	.3	39	44.0	120	87	69	7	3	0	0	
SOUTH BEND	33	19	51	12	26	-7	1.1	.4	.4	1.1	157	37.8	105	94	74	7	3	0	0	
IA DES MOINES	21	5	38	-6	13	-17	.5	.3	.5	.5	189	27.7	92	83	66	7	3	1	0	
SIOUX CITY	19	7	29	-3	13	-15	.2	-.1	.2	.2	71	23.0	93	89	71	7	2	0	1	
WATERLOO	22	-2	32	-17	10	-17	1.0	.7	1.0	1.0	329	29.8	93	90	73	7	2	1	0	
KS CONCORDIA	32	14	46	0	23	-11	T	-.2	T	T	19	25.3	95	88	57	7	1	0	0	
DODGE CITY	34	15	52	-2	24	-12	T	-.1	T	T	0	22.6	111	88	58	7	0	0	0	
GOODLAND	35	14	58	-5	25	-8	T	-.1	T	T	0	21.7	136	87	50	7	0	0	0	
TOPEKA	31	15	45	2	23	-13	.2	-.2	.1	.2	43	44.0	136	90	61	7	2	0	0	
WICHITA	37	18	50	4	27	-10	T	-.3	T	T	11	33.0	118	90	60	7	1	0	0	
KY BOWLING GREEN	44	26	62	20	35	-6	.4	-.6	.4	.4	41	39.1	86	89	61	6	1	0	0	
LEXINGTON	40	24	62	13	32	-7	.1	-.8	.1	.1	16	36.8	86	90	63	6	3	0	0	
LOUISVILLE	39	25	59	15	32	-8	.3	-.6	.2	.3	35	37.1	91	83	61	7	2	0	0	
LA ALEXANDRIA	59	37	71	32	48	-5	.6	-.5	.6	.6	53	61.5	120	76	39	0	2	1	1	
BATON ROUGE	63	36	73	30	50	-5	.3	-.8	.3	.3	26	55.8	108	90	40	2	1	1	0	
LAKE CHARLES	61	37	72	32	49	-6	.2	-.9	.2	.2	20	49.3	100	91	45	2	2	0	0	
NEW ORLEANS	63	43	79	37	53	-4	.3	-.9	.3	.3	26	62.4	112	88	50	0	0	1	0	

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending December 7, 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 DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMPERATURE °F		PRECIPITATION		
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
SHREVEPORT	56	33	64	26	44	-6	-7	-2	.7	78	48.6	119	89	42	0	4	2	1		
ME CARIBOU	27	10	47	1	18	-3	-7	-1	.7	87	27.6	81	84	51	0	7	1	1		
PORTLAND	38	22	58	15	30	0	1.1	0	.8	101	32.7	82	73	41	0	7	3			
MD BALTIMORE	44	30	56	24	37	-3	.1	0	.1	9	36.0	92	89	54	0	6	2			
SALISBURY	46	32	61	25	39	-2	.1	0	.1	12	36.8	87	90	51	0	5	0			
MA BOSTON	41	29	60	22	35	-3	.2	0	.2	23	35.5	88	79	48	0	6	3			
CHATHAM	44	31	57	24	37	-1	.2	0	.2	17	41.2	96	95	75	0	5	4			
MI ALPENA	32	22	38	11	27	-1	1.5	1	1.5	308	32.7	120	95	75	0	3	3			
DETROIT	35	23	54	17	29	-4	.6	0	.3	95	39.1	135	89	68	0	7	4			
FLINT	33	22	52	14	28	-4	.6	0	.6	122	39.7	143	93	70	0	7	3			
GRAND RAPIDS	33	21	49	16	27	-4	1.0	.3	.5	154	39.9	123	92	72	0	7	3			
HOUGHTON LAKE	29	21	39	13	25	-2	1.1	.6	.8	218	32.6	124	94	72	0	7	3			
LANSING	33	20	50	14	26	-5	.5	0	.3	91	33.2	119	92	67	0	7	4			
MARQUETTE	23	9	30	-8	16	-6	3.0	2.4	3.0	481	50.8	144	97	73	0	4	2			
MUSKOGON	34	24	48	20	29	-3	1.0	.3	.7	152	40.2	136	91	72	0	7	4			
MN ALEXANDRIA	26	13	35	0	20	-5	1.2	.5	.9	174	37.1	117	95	71	0	7	5			
SAULT STE. MARIE	13	-6	21	-20	4	-16	1.1	.9	1.1	533	25.8	108	90	72	0	7	2			
DULUTH	13	-3	18	-20	5	-13	.3	0	.3	79	31.4	109	94	71	0	7	4			
INT'L FALLS	11	0	20	-27	1	-13	.1	0	.1	43	29.8	126	91	70	0	7	3			
MINNEAPOLIS	19	-9	26	-16	8	-15	.9	.7	.9	419	31.4	122	94	67	0	7	1			
ROCHESTER	18	-2	25	-19	9	-15	.7	.4	.9	295	27.2	99	92	75	0	7	3			
MS GREENWOOD	52	30	68	24	41	-7	.6	.6	.6	52	35.4	73	86	44	0	5	2			
JACKSON	56	31	69	26	44	-7	.6	.6	.6	50	44.4	91	93	39	0	5	1			
MERIDIAN	57	31	69	26	44	-6	.6	.6	.6	49	48.4	99	91	38	0	5	1			
MO CAPE GIRARDEAU	40	23	57	16	31	-	.3	.6	.6	35	46.0	111	88	56	0	7	1			
COLUMBIA	36	15	47	5	26	-11	.5	.1	.5	129	52.9	153	88	57	0	7	2			
KANSAS CITY	29	13	45	2	21	-15	.2	.2	.2	54	51.7	152	88	59	0	7	1			
SAINT LOUIS	37	19	53	10	28	-10	.4	.2	.2	68	47.4	147	85	58	0	7	1			
SPRINGFIELD	38	19	48	6	29	-10	T	T	T	6	53.5	142	89	56	0	7	0			
MT BILLINGS	25	7	39	-23	16	-14	T	T	T	7	12.6	88	76	53	0	7	1			
GLASGOW	15	-5	32	-29	5	-16	T	T	T	43	12.4	110	90	74	0	7	0			
GREAT FALLS	25	6	41	-27	16	-13	T	T	T	14	16.6	114	81	63	0	6	1			
HAVRE	22	0	37	-33	11	-12	T	T	T	0	11.1	104	84	60	0	7	0			
HELENA	19	-2	36	-25	8	-18	.1	0	.1	67	8.9	82	92	63	0	7	2			
KALISPELL	24	5	35	-18	15	-12	.3	0	.3	74	14.2	97	93	76	0	7	3			
MILES CITY	23	1	37	-33	12	-13	T	T	T	7	11.8	87	85	62	0	7	0			
MISSOULA	24	6	36	-7	15	-12	.4	.2	.3	165	12.5	102	92	70	0	7	3			
NE GRAND ISLAND	30	12	48	-5	21	-9	T	T	T	0	28.5	125	86	58	0	7	0			
LINCOLN	29	11	43	-2	20	-11	T	T	T	12	30.6	116	87	59	0	7	2			
NORFOLK	24	7	35	-6	16	-12	.1	0	.1	47	25.4	109	91	67	0	7	1			
NORTH PLATTE	30	7	46	-9	19	-10	.1	0	.1	29	18.6	97	77	50	0	7	0			
OMAHA	22	10	35	-2	16	-14	.1	0	.1	29	22.0	75	74	60	0	7	0			
SCOTT'SBLUFF	31	6	45	-20	18	-12	.1	0	.1	0	10.6	75	88	59	0	7	0			
VALENTINE	28	4	40	-21	16	-11	T	T	T	0	14.8	88	79	64	0	7	0			
NV ELY	43	19	48	11	31	3	.4	.2	.2	250	9.6	114	93	59	0	7	2			
LAS VEGAS	60	41	65	38	51	4	T	T	T	13	1.3	33	81	45	0	0	0			
RENO	51	31	55	25	41	7	.3	.1	.3	136	4.8	74	90	46	0	5	3			
WINNEMUCCA	46	30	50	23	38	6	.2	.1	.1	157	6.4	89	95	55	0	6	4			
NH CONCORD	35	22	53	15	29	0	.6	.3	.6	70	29.9	88	84	50	0	7	3			
NJ ATLANTIC CITY	44	29	60	18	37	-2	.3	.2	.3	36	29.3	75	87	50	0	5	0			
NM ALBUQUERQUE	55	29	58	26	42	4	0	0	0	0	10.6	138	83	32	0	6	0			
CLOVIS	51	23	62	12	37	-1	0	0	0	0	27.6	166	67	33	0	7	0			
ROSWELL	59	28	70	20	43	4	0	0	0	0	12.5	132	62	26	0	6	0			
NY ALBANY	35	21	49	13	28	-2	.7	0	.6	106	28.5	85	94	59	0	6	3			
BINGHAMTON	32	20	48	15	26	-4	.7	0	.3	94	32.1	93	94	64	0	6	5			
BUFFALO	38	27	56	19	33	0	.6	.2	.6	71	41.7	119	91	64	0	6	5			
NEW YORK	42	31	57	26	37	-3	.4	.2	.4	44	36.7	92	80	50	0	6	4			
ROCHESTER	38	26	53	17	32	-1	.3	.2	.3	43	28.8	98	90	63	0	6	2			
SYRACUSE	38	23	54	17	30	-2	.3	.1	.3	44	31.0	84	94	67	0	6	0			
NC ASHEVILLE	46	25	53	18	36	-6	.3	.3	.3	38	35.7	79	92	45	0	6	1			
CHARLOTTE	50	30	58	25	40	-5	.2	.2	.2	21	48.6	120	82	40	0	6	1			
GREENSBORO	48	29	53	22	39	-4	.2	.2	.2	31	36.0	90	86	42	0	6	1			
HATTERAS	56	44	71	35	50	-1	.2	.2	.2	22	66.7	128	89	58	0	0	1			
NEW BERN	55	37	70	31	46	-3	.1	.1	.1	6	52.8	105	90	47	0	2	1			
RALEIGH	50	30	61	25	40	-5	.1	.1	.1	7	37.5	95	78	40	0	6	0			
WILMINGTON	59	38	73	33	48	-2	.1	.1	.1	17	42.7	84	94	52	0	7	1			
ND BISMARCK	15	-7	32	-24	4	-16	0	0	.1	100	17.6	118	90	69	0	7	2			
FARGO	10	-4	20	-16	3	-15	.3	.2	.3	13	16.9	95	89	74	0	7	1			
GRAND FORKS	9	-9	18	-21	0	-18	T	T	T	0	12.0	90	50	69	0	7	0			
WILLISTON	18	-2	36	-27	8	-11	T	T	T	0	0	0	95	71	0	5	0			
OH AKRON-CANTON	37	27	60	18	32	-2	.5	.1	.2	81	36.6	108	95	66	0	7	3			
CINCINNATI	35	22	57	11	29	-8	.2	.1	.2	33	42.9	113	88	61	0	6	4			
CLEVELAND	38	27	58	18	32	-3	.5	.2	.5	75	39.1	117	95	65	0	6	4			
COLUMBUS	36	25	58	16	31	-4	.4	.2	.4	65	37.2	106	77	59	0	6	4			

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending December 7, 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 DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	34	22	57	11	28	-7	.4	-.2	.3	-.4	66	33.9	103	86	68	0	7	2	0
TOLEDO	34	21	56	12	27	-5	.3	-.3	.2	-.3	49	37.0	124	93	71	0	7	3	0
YOUNGSTOWN	38	28	60	19	33	0	.6	0	.4	.6	94	38.2	109	96	71	0	6	4	0
OK OKLAHOMA CITY	44	25	62	10	34	0	T	-.3	T	0	62	44.1	147	83	47	0	5	0	0
TULSA	43	25	58	11	34	0	T	-.5	T	0	0	49.9	133	83	50	0	6	0	0
OR ASTORIA	49	38	56	22	43	0	2.4	-.2	1.0	2.4	93	41.2	68	99	73	0	0	7	0
BURNS	35	21	42	14	28	0	.7	-.5	.5	-.7	348	8.6	121	—	—	0	2	7	2
MEDFORD	52	38	60	32	45	0	.8	0	.4	.8	104	10.7	63	96	65	0	4	4	0
PENDLETON	31	16	43	-6	23	-15	.9	-.5	.5	-.9	246	10.9	100	85	64	0	1	7	4
PORTLAND	42	33	48	20	33	0	2.2	-.2	.9	2.2	156	22.4	69	95	71	0	2	2	6
SALEM	45	34	52	21	39	0	2.1	-.8	.8	2.1	138	23.3	67	98	79	0	2	2	7
PA ALLENTOWN	39	25	51	18	32	0	.3	-.6	.6	.3	83	45.9	111	83	56	0	6	4	1
ERIE	41	30	60	20	36	0	.8	-.2	.2	.8	52	43.1	116	90	59	0	4	4	0
HARRISBURG	38	29	47	25	34	0	.7	-.1	.5	.7	86	33.6	92	81	55	0	6	5	0
PHILADELPHIA	43	29	58	24	36	0	.3	-.6	.2	.3	31	34.6	89	88	52	0	6	4	0
PITTSBURGH	41	29	63	20	35	0	.4	-.1	.2	.4	79	36.7	107	85	57	0	6	4	0
SCRANTON	37	24	51	18	30	0	.4	-.2	.3	.4	65	38.7	117	87	54	0	6	4	0
RI PROVIDENCE	43	27	62	16	35	0	.7	-.3	.3	.7	69	40.1	96	78	42	0	6	3	0
SC CHARLESTON	58	40	68	31	49	0	.6	0	.3	.6	94	49.8	101	90	48	0	1	3	0
COLUMBIA	53	31	59	23	42	0	.2	-.5	.2	.2	34	47.2	102	100	40	0	5	4	0
FLORENCE	55	35	68	30	45	0	.3	-.4	.2	.3	42	33.1	80	90	44	0	2	2	0
GREENVILLE	49	30	54	21	39	0	.2	-.7	.2	.2	19	43.7	92	87	40	0	4	6	0
SD ABERDEEN	14	-1	27	-17	7	-15	.4	-.2	.2	.4	264	18.5	106	94	77	0	7	7	0
HURON	16	-1	27	-15	8	-16	.3	-.2	.2	.3	179	24.6	134	90	71	0	7	2	0
RAPID CITY	31	8	45	-19	19	-10	.2	0	.1	.2	14	12.8	80	88	62	0	7	7	0
SIoux FALLS	18	1	32	-10	9	-15	.2	0	.1	.2	90	26.8	114	90	72	0	7	2	0
TN CHATTANOOGA	47	29	60	22	38	0	.5	-.7	.4	.5	40	37.6	77	87	52	0	5	5	0
KNOXVILLE	46	29	60	21	37	0	.6	-.4	.4	.6	56	34.7	79	87	55	0	5	2	0
MEMPHIS	45	29	63	22	37	0	1.0	-.2	1.0	1.0	87	45.3	95	78	50	0	5	1	1
NASHVILLE	45	27	66	20	36	0	.3	-.7	.3	.3	28	30.1	67	83	51	0	6	2	0
TX ABILENE	53	29	66	15	41	0	0	-.2	0	0	0	22.2	98	75	33	0	4	0	0
AMARILLO	47	19	60	4	33	0	0	-.1	0	0	0	22.1	119	80	37	0	7	0	0
AUSTIN	60	37	69	27	49	0	.2	-.5	.2	.2	4	31.5	105	89	43	0	2	1	0
BEAUMONT	62	39	72	32	51	0	.2	-.9	.2	.2	18	65.6	133	90	40	0	2	2	0
BROWNSVILLE	71	48	84	42	59	0	0	-.3	0	0	0	32.4	132	94	53	0	0	0	0
CORPUS CHRISTI	65	42	77	35	54	0	0	-.3	0	0	0	35.1	121	91	75	0	0	0	0
DEL RIO	62	38	73	30	50	0	0	-.1	0	0	0	17.4	104	75	34	0	1	0	0
EL PASO	65	31	67	27	48	0	0	-.1	0	0	0	8.2	109	77	28	0	4	0	0
FORT WORTH	53	32	69	19	42	0	.4	-.4	.4	.4	0	30.1	107	91	45	0	3	0	0
GALVESTON	64	46	73	34	55	0	.2	-.5	.2	.2	43	39.2	105	90	55	0	0	2	0
HOUSTON	64	39	74	31	51	0	.4	-.5	.4	.4	21	45.4	108	85	45	0	1	2	0
LUBBOCK	52	25	64	13	38	0	0	-.1	0	0	0	23.0	132	76	31	0	5	0	0
MIDLAND	55	25	69	17	40	0	0	-.1	0	0	0	16.3	122	80	30	0	6	0	0
SAN ANGELO	59	29	72	20	44	0	0	-.2	0	0	0	21.8	123	83	30	0	5	0	0
SAN ANTONIO	62	37	72	30	49	0	0	-.4	0	0	0	41.2	147	86	42	0	2	0	0
VICTORIA	65	40	75	32	53	0	.1	-.4	.1	.1	25	37.8	107	95	46	0	1	1	0
WACO	57	33	68	22	45	0	.1	-.5	.1	.1	0	30.9	105	94	50	0	4	0	0
WICHITA FALLS	49	26	66	15	38	0	0	-.3	0	0	0	30.5	118	81	42	0	6	0	0
UT BLANDING	45	29	52	25	37	0	.5	-.2	.5	.5	8	15.9	150	94	71	0	1	0	0
CEDAR CITY	49	29	55	22	39	0	.5	-.2	.5	.5	0	9.5	98	92	54	0	5	0	0
VT SALT LAKE CITY	46	33	52	28	40	0	.1	-.1	.1	.1	50	15.8	111	84	61	0	0	0	0
VA BURLINGTON	33	20	48	12	26	0	-.5	-.1	.5	.5	87	32.1	101	87	55	0	4	3	0
VA NORFOLK	49	36	65	30	43	0	.1	-.6	.1	.1	7	44.1	103	87	52	0	2	1	0
RICHMOND	47	31	58	24	39	0	.3	-.8	.3	.3	0	48.7	117	87	46	0	3	1	0
ROANOKE	45	29	50	19	37	0	.7	-.6	.7	.7	6	49.1	133	87	52	0	4	1	0
WA COLVILLE	28	16	37	-16	22	-8	.7	-.2	.4	.7	127	13.4	86	94	82	0	5	6	0
QUILLAYUTE	46	36	58	24	41	0	3.0	-.0	1.0	3.0	83	59.4	65	98	72	0	2	2	0
SEATTLE-TACOMA	45	36	55	20	40	0	1.8	-.4	.9	1.8	125	25.1	74	85	56	0	6	6	0
SPOKANE	29	16	36	-10	23	-8	.6	0	.3	.6	104	11.0	74	95	76	0	2	6	0
YAKIMA	29	15	38	-1	22	-12	1.0	.7	.3	1.0	364	5.8	83	96	73	0	7	3	0
WV BECKLEY	39	25	54	13	32	0	.5	-.2	.3	.5	67	35.0	88	92	55	0	6	4	0
CHARLESTON	44	29	66	19	36	0	.6	-.1	.4	.6	80	38.9	97	80	55	0	5	4	0
HUNTINGTON	41	29	68	18	35	0	.5	-.2	.3	.5	76	43.1	113	87	63	0	5	3	0
PARKERSBURG	40	28	65	17	34	0	.2	-.4	.1	.2	29	38.5	86	91	65	0	6	3	0
WI GREEN BAY	25	10	31	-9	17	-8	1.2	.8	1.0	1.2	337	37.8	141	94	72	0	7	3	1
LA CROSSE	23	3	32	-16	13	-14	.7	-.4	.7	.7	239	28.4	96	90	67	0	7	1	0
MADISON	26	8	34	-10	17	-10	1.8	1.4	1.7	1.8	454	38.2	129	95	74	0	7	2	1
MILWAUKEE	31	15	43	4	23	-6	1.8	1.4	1.7	1.8	376	36.4	124	90	70	0	7	3	0
WAUSAU	21	7	28	-11	14	-9	.8	.5	.7	.8	231	33.8	110	90	67	0	7	4	1
WY CASPER	28	8	40	-23	18	-10	.1	-.1	.1	.1	57	10.7	96	83	59	0	7	1	0
CHEYENNE	34	14	51	-12	24	-14	.2	-.1	.1	.2	146	19.1	146	82	51	0	7	2	0
LANDER	22	1	42	-12	12	-10	.1	-.1	.1	.1	14	9.0	71	88	60	0	7	1	0
SHERIDAN	30	4	50	-21	17	-10	.1	-.2	.1	.1	20	10.9	75	86	53	0	7	2	0
PR SAN JUAN	83	70	85	68	77	-2	.9	-.3	.8	.9	43.3	86	97	68	0	0	4	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

November Weather and Crop Summary

NOVEMBER WEATHER SUMMARY

HIGHLIGHTS:...A cold outbreak, early in the month, was preceded by snowfall which covered most of the important grain areas of the Nation. A second outbreak pushed deep into the West and covered the area west of a line from New Mexico to central Texas and Michigan. Freezing temperatures reached much of California's crops. Precipitation fell in all of the Nation. Precipitation was above normal in most areas; but, amounts in some areas measured well below normal, such as in southwestern Texas, New Mexico, parts of the Mississippi Delta, the Tennessee Valley, and parts of Florida. An unusual late season hurricane, Hurricane Kate, developed northeast of Cuba. Kate wreaked havoc along Cuba's northern coast and made landfall in the Panhandle of Florida bringing high winds, tornadoes, and deluges of rain to northern Florida and southern Georgia. Storm remnants triggered heavy rain northward to southern Pennsylvania.

During the first two days of the month, a blocking high pressure system off the east coast caused extensive rain from eastern Texas through the Great Lakes, the mid-Atlantic States, and the Southeast.

FIRST WEEK:...The blocking high pressure system off the east coast continued early in the week and caused an unusual amount of moisture to move northward through the East. Deluges of rain in the Carolinas and central Appalachians caused severe flooding for several days. Later, frigid, arctic air plunged southward and covered the northern and central Plains, then the Cascades, northern Sierras, and 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.

SECOND WEEK:...Another severe winter storm spread frigid air into the northern Rockies, then to the west coast through much of California, the Plains, and from the upper Great Lakes to New England. Heavy snow came with the cold air and spread through the Plains to western Kansas. Thunderstorms rumbled from eastern Texas to Missouri and into Pennsylvania. Rain fell from the Carolinas through Maryland and along Florida's east coast. Freezing temperatures reached much of California's crop area and subzero temperatures covered the northern High Plains.

THIRD WEEK:...Severely cold weather covered the Northwest and the northern Plains where average temperatures were from 20-38 degrees colder than normal. Temperatures were below normal throughout the area west of Texas to Michigan. Precipitation fell in all of the Nation except parts of the Southwest and Florida. Snow covered the Northwest, the northern and central Plains, and from the Great Lakes to New England. Showers and thunderstorms developed ahead of the colder air from eastern Texas to the lower Great Lakes States. Hurricane Kate, an unusual late season storm, hit the Florida Panhandle late in the week and brought hurricane winds, tornadoes, and deluges of rain to Florida and southern Georgia. Moisture from the diminishing storm triggered heavy rain from the southeastern States to southern Pennsylvania.

FOURTH WEEK:...Precipitation fell in nearly all of the Nation. Moderate to heavy rain covered the west coast and throughout California. Snow piled deeper in the Cascades and Sierra Nevada ranges. Snow fell nearly every day over the Plateau, the Rockies, the northern and central Plains, and from

the Great Lakes to New England. Freezing rain was intermittent from Nebraska to southern New England. Thunderstorms rumbled from eastern Texas to the lower Ohio Valley, and moderate to heavy rain fell from eastern Texas to Georgia and to southern New England. Severely cold weather gripped the Northwest, the northern Plains, and the upper Mississippi Valley.

WINTER WHEAT SEEDING

Despite rain delays, wheat seeding was virtually completed during November except in the Southeast and Southwest. Emergence was 90 percent complete, compared with 93 percent normally on December 1. Some of the late planted wheat may not emerge until next spring in the northern producing States. Winter wheat planting was 56 percent completed in Georgia on December 1, 24 points below the average. Wheat seedings were 55 percent finished in California, just slightly ahead of normal as the month ended. Unusually low temperatures and snow covered the northern Plains and northern Rockies much earlier than normal. Ample snow cover protected wheat from the low temperatures during the month. By month's end wheat growth was virtually stopped from the central Plains northward and in the Pacific Northwest.

ROW CROP HARVEST

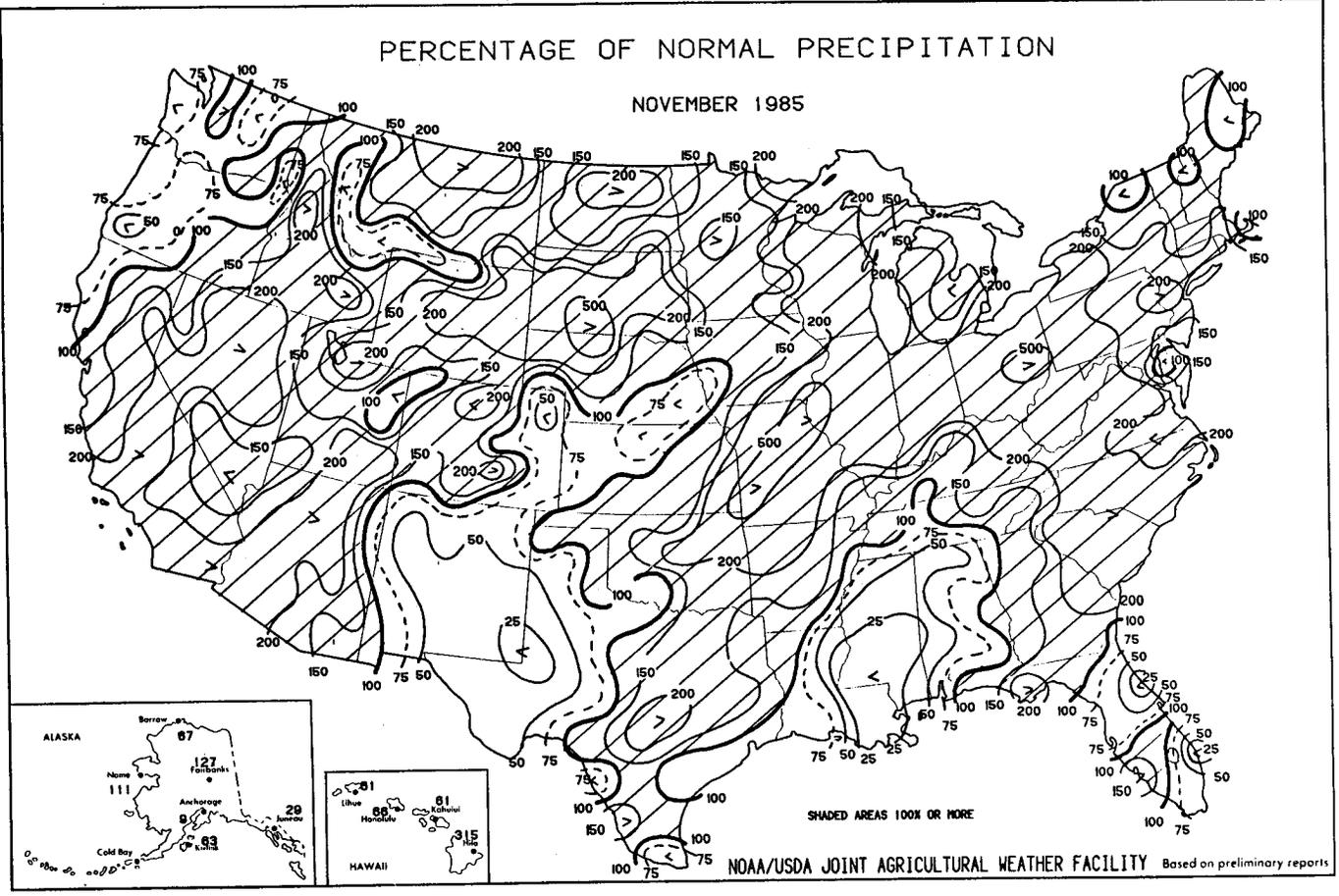
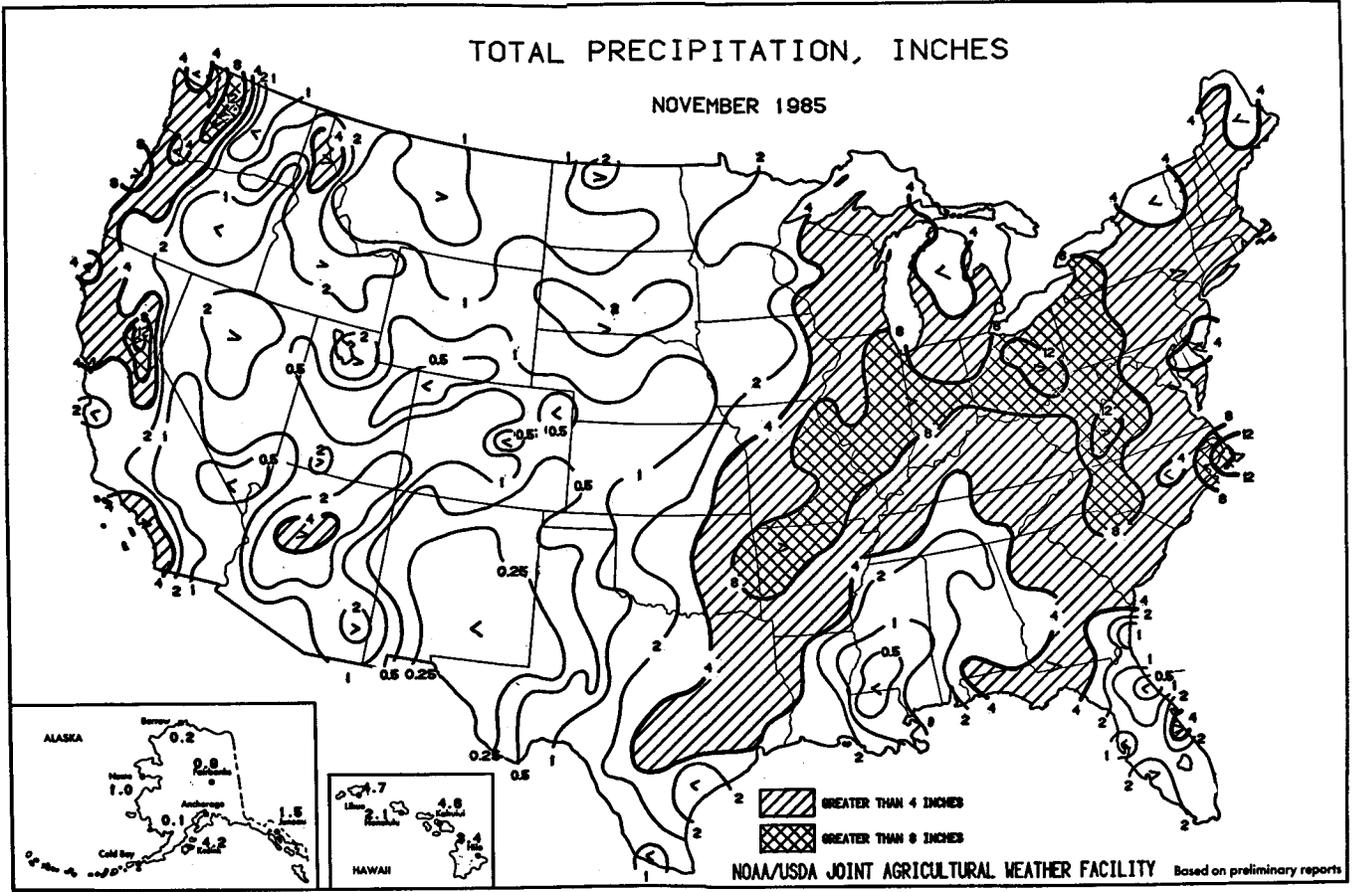
Cold wintery weather, rain and earlier-than-normal snowfall in November prolonged fall row crop harvest. Dry weather aided crop harvest through the Great Plains, across the Corn Belt and in parts of the Southeast the first week of November. Harvest delays were common the rest of November. Crop harvesting progress for most crops began the month behind schedule and remained behind schedule during the entire month. In some areas, crops may not be harvested until next spring because of the early snow accumulations.

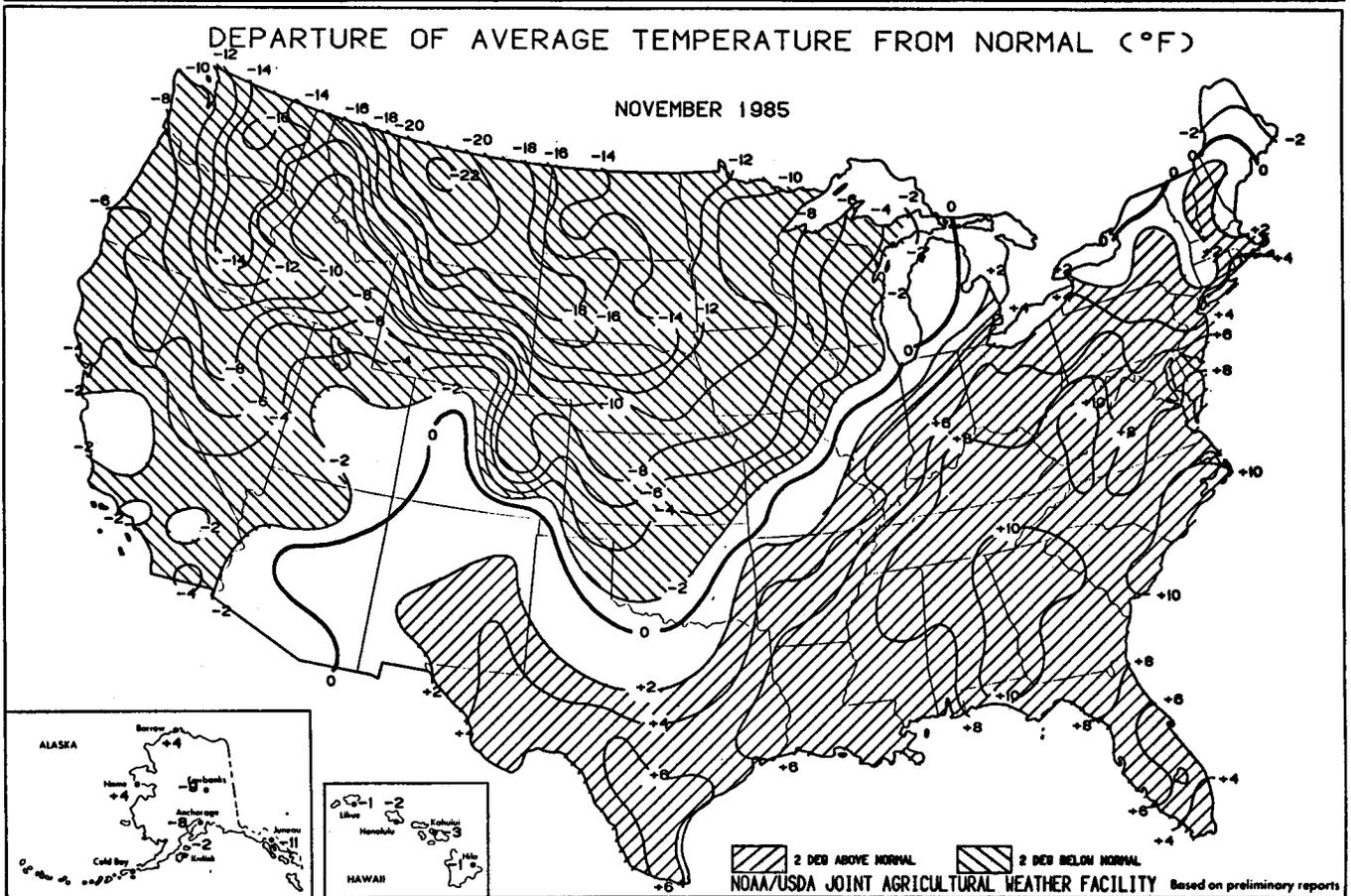
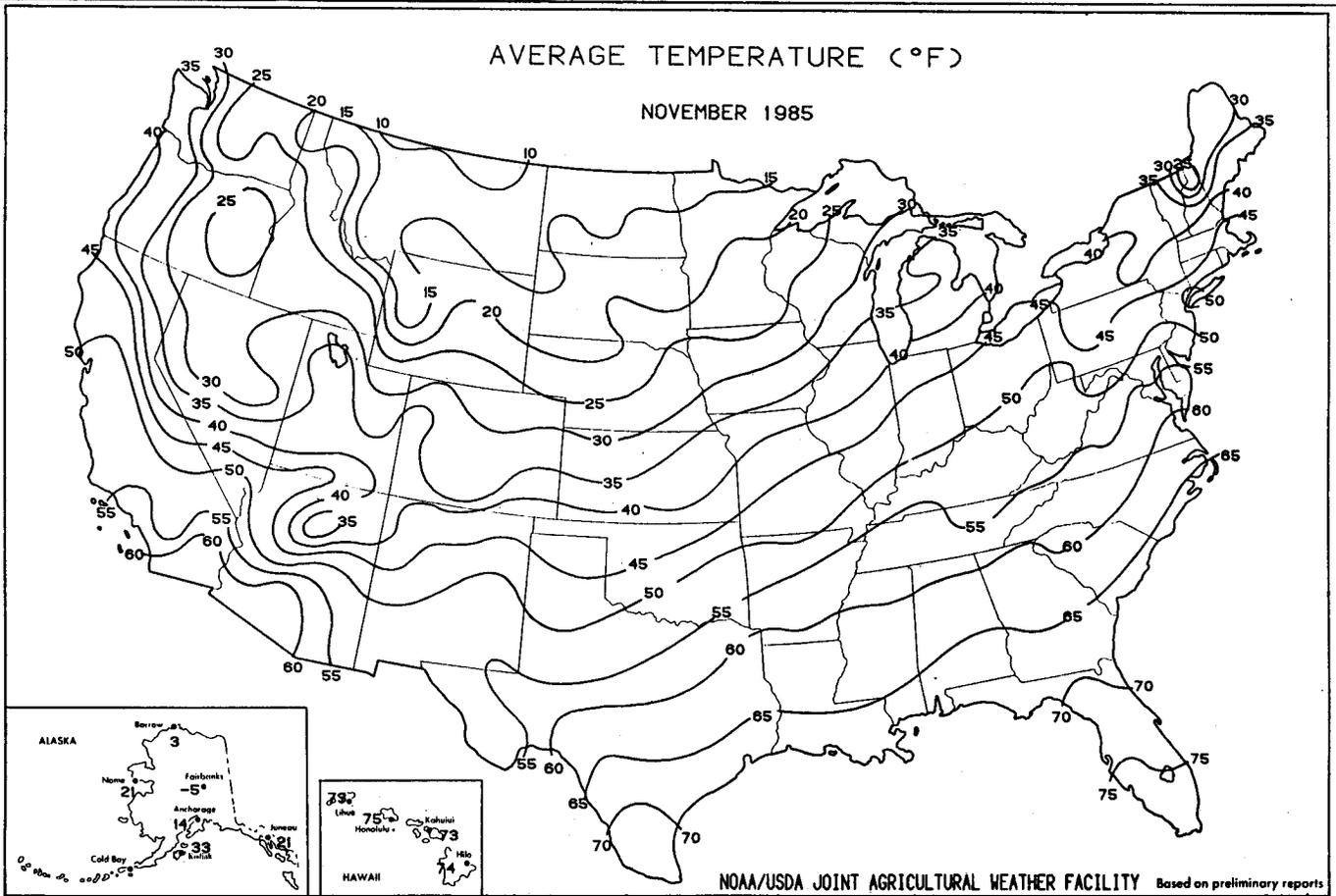
Corn harvest began the month 13 points behind normal and was 10 points behind normal as the month ended. On December 1, corn was 87 percent harvested. Harvest ranged from finished in Georgia, North Carolina, and Texas to as much as 30 points slower than normal in South Dakota. In Michigan, harvest reached 75 percent completion on December 1, compared with 97 percent normally. Corn harvest in Wisconsin ended the month 20 points below average.

In the 19 major producing States, soybeans were 87 percent combined on December 1, compared with 91 percent last year and the 95 percent average. Harvest ended the month behind normal in all States except Minnesota and South Dakota. Harvest was nearing completion in the northern Great Plains and portions of the Corn Belt by month's end but trailed considerably behind schedule in the Southeast. Slightly more than one-third of North Carolina's soybeans were harvested, 35 points slower than normal. In Georgia and South Carolina, soybean harvest was 22 and 24 points behind normal, respectively. Missouri's soybean harvest, at 65 percent completion, ended the month 30 points behind normal.

Sorghum harvest approached completion on December 1 with the crop 94 percent harvested. Normally 98 percent would be harvested by this time. Harvest was ahead or slightly behind normal in all States except Missouri, which was 16 points behind normal.

(Continued to p. 19)





Temperature and Precipitation Data for the November 1985

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
AL BIRMINGHAM	61	9	2.7	-0.9	BATON ROUGE	66	8	0.4	-3.5	COLUMBUS	48	6	10.7	8.0
MOBILE	66	7	1.6	-2.1	LAKE CHARLES	66	6	3.0	-0.8	DAYTON	48	6	8.0	5.3
MONTGOMERY	64	9	2.6	-0.4	NEW ORLEANS	67	7	1.0	-3.1	TOLEDO	44	4	5.9	3.5
AK ANCHORAGE	14	-7	0.1	-1.0	SHREVEPORT	62	6	4.2	0.4	YOUNGSTOWN	45	-5	9.2	6.4
BARRON	3	5	0.3	-0.1	ME CARIBOU	28	-3	3.5	0.3	OK OKLAHOMA CITY	46	-3	3.7	2.2
FAIRBANKS	-4	-9	0.8	0.1	PORTLAND	40	1	6.4	1.7	TULSA	48	-1	6.3	3.7
JUNEAU	21	-12	1.5	-3.6	MD BALTIMORE	52	6	4.7	1.6	OR ASTORIA	39	-7	5.8	-4.1
KODIAK	33	-2	4.2	-2.5	FLINT	56	8	4.9	1.8	BURNS	21	-15	1.0	0.1
NOME	21	4	1.0	0.1	MA BOSTON	45	0	6.4	2.2	MEDFORD	38	-5	2.0	-0.9
AZ FLAGSTAFF	34	-2	6.7	5.0	CHATHAM	45	3	4.2	-0.3	PENDLETON	27	-15	2.0	0.5
PHOENIX	61	1	1.6	1.1	MI ALPENA	35	0	3.2	1.0	PORTLAND	37	-8	3.9	-1.3
PRESCOTT	44	0	3.6	2.3	DETROIT	42	3	5.5	3.1	SALEM	38	-7	4.7	-1.0
TUCSON	58	-1	1.0	0.3	GRAND RAPIDS	39	1	3.0	0.8	PA ALLENTOWN	46	4	7.7	4.0
WINSLOW	44	1	0.9	0.5	Houghton Lake	38	-1	5.5	2.5	ERIE	46	5	10.4	6.7
YUMA	63	-1	0.7	0.5	LANSSING	34	-1	3.6	1.3	HARRISBURG	48	4	6.1	2.9
AR FORT SMITH	53	3	10.7	7.2	PITTSBURGH	39	0	3.0	0.7	PHILADELPHIA	51	5	6.2	2.9
LITTLE ROCK	55	4	7.5	3.4	SAULT STE. MARI	26	-4	5.7	2.8	PITTSBURGH	47	6	11.1	8.8
CA BAKERSFIELD	53	-3	1.7	1.0	MUSKOGON	38	-1	6.5	3.7	SCRANTON	44	4	4.4	1.5
EUREKA	47	-5	2.9	-3.0	DULUTH	32	-1	3.7	0.5	RI PROVIDENCE	46	2	7.2	3.0
FRESNO	53	-1	3.0	1.8	MN ALEXANDRIA	20	-9	2.4	1.2	SC CHARLESTON	67	10	5.3	3.2
LOS ANGELES	59	-3	4.7	3.2	INT'L FALLS	20	-8	2.3	0.6	COLUMBIA	63	9	6.0	3.5
RED BLUFF	48	-5	3.9	0.8	MINNEAPOLIS	14	-11	1.6	0.3	FLORENCE	64	10	6.1	3.9
SACRAMENTO	50	-3	3.7	1.5	ROCHESTER	25	-9	1.5	0.2	GREENVILLE	58	8	7.5	4.3
SAN DIEGO	60	-2	4.9	3.8	ST. CLOUD	23	-10	2.3	0.9	SD ABERDEEN	16	-14	1.6	1.0
SAN FRANCISCO	52	-2	3.2	0.8	MS GREENWOOD	21	-9	1.4	0.1	HURON	19	-13	2.5	1.8
CO DENVER	30	-9	1.2	0.4	JACKSON	61	8	0.5	-3.7	RAPID CITY	16	-19	2.2	1.7
GRAND JUNCTION	39	-1	1.1	0.5	MS MERIDIAN	63	7	0.8	-2.7	TN SIOUX FALLS	21	-12	1.9	1.0
PUEBLO	31	-9	1.1	0.6	MO COLUMBIA	42	-2	10.4	8.4	CHATTANOOGA	59	10	3.4	-0.8
CT BRIDGEPORT	46	1	5.7	1.9	KANSAS CITY	37	-6	3.9	2.3	KNOXVILLE	57	8	5.4	1.6
HARTFORD	43	1	6.1	2.0	SAINT LOUIS	46	2	10.0	7.4	MEMPHIS	58	6	3.8	-0.3
DC WASHINGTON	54	5	4.5	1.6	SPRINGFIELD	46	1	12.2	9.3	NASHVILLE	57	8	3.8	0.3
FL APALACHICOLA	69	8	6.5	3.7	MT BILLINGS	15	-20	1.4	0.5	ABILENE	55	1	1.6	0.2
DAYTONA BEACH	71	6	0.4	-2.2	GLASGOW	10	-19	0.7	0.4	AMARILLO	43	-2	0.3	-0.3
FT. MYERS	76	6	2.2	0.8	GREAT FALLS	13	-21	1.2	0.4	AUSTIN	63	4	4.8	2.6
JACKSONVILLE	69	9	2.1	0.1	HAVRE	9	-20	1.1	0.7	BEAUMONT	67	6	3.8	-0.5
KEY WEST	78	3	2.8	-0.4	HELENA	13	-19	0.8	0.3	BROWNSVILLE	73	5	1.0	-0.4
MIAMI	75	3	1.4	-1.3	KALISPELL	17	-14	1.6	0.3	CORPUS CHRISTI	69	4	1.6	0.1
ORLANDO	73	5	1.0	-0.8	MILES CITY	15	-17	0.6	0.0	DEL RIO	64	5	1.0	0.2
TALLAHASSEE	67	8	5.9	2.6	MISSOULA	22	-10	0.5	-0.4	EL PASO	53	2	0.1	-0.2
TAMPA	73	7	1.0	-0.9	NE GRAND ISLAND	27	-10	0.6	-0.2	FORT WORTH	56	1	3.1	1.4
WEST PALM BEACH	76	4	0.5	-2.9	LINCOLN	29	-10	0.6	-0.3	GALVESTON	68	5	2.2	-1.0
GA ATLANTA	62	10	4.2	0.8	NORFOLK	25	-11	0.9	0.2	HOUSTON	67	7	4.7	1.4
AUGUSTA	64	10	7.8	5.7	NORTH PLATTE	25	-10	1.1	0.5	LIBBOCK	50	1	0.3	-0.3
MACON	64	9	3.7	1.4	OMAHA	29	-9	0.7	-0.5	MIDLAND	55	2	0.1	-0.5
SAVANNAH	67	10	4.3	2.4	SCOTTSBLUFF	22	-14	1.2	0.6	SAN ANGELO	58	3	0.5	-0.5
HI HILO	73	-1	4.6	-10.3	VALENTINE	19	-15	2.6	2.2	SAN ANTONIO	64	5	4.9	2.5
HONOLULU	75	-1	1.9	-1.3	NV ELKO	30	-5	2.1	1.3	SAN ANTONIO	67	5	1.7	-0.5
KAHULUI	73	-2	4.6	2.3	ELY	27	-6	1.5	0.9	WACO	60	3	3.5	1.3
LIIHUE	74	-2	3.4	-2.2	LAS VEGAS	52	-2	0.4	-0.1	WICHITA FALLS	51	-1	1.2	-0.3
ID BOISE	28	-12	1.8	0.5	RENO	35	-4	1.2	0.6	UT BLANDING	36	-2	2.2	1.3
LEWISTON	29	-11	0.6	-0.6	WINNEMUCCA	29	-9	2.5	1.8	CEDAR CITY	37	-2	0.6	-0.3
POCATELLO	27	-8	2.4	1.5	NH CONCORD	38	1	4.6	0.9	MILFORD	35	-2	1.2	0.5
IL CAIRO	51	2	5.2	1.2	NJ ATLANTIC CITY	53	8	3.9	0.1	SALT LAKE CITY	37	-2	2.6	1.4
CHICAGO	38	-2	8.2	6.1	NM ALBUQUERQUE	45	1	0.2	-0.2	VT BURLINGTON	37	0	3.7	0.9
MOLINE	35	-4	6.4	4.4	OH CLOVIS	47	0	0.1	-0.4	VA NORFOLK	60	8	5.7	2.8
PEORIA	39	-1	7.6	5.7	ROSWELL	54	4	0.1	-0.3	RICHMOND	57	8	7.0	3.7
QUINCY	40	-2	11.1	9.1	NY ALBANY	40	1	5.0	2.0	ROANOKE	55	8	12.1	9.8
ROCKFORD	35	-2	5.4	3.1	BINGHAMTON	40	2	4.5	1.5	WA COLVILLE	21	-13	1.7	-0.3
SPRINGFIELD	43	1	6.9	5.0	BUFFALO	42	2	9.8	6.1	QUILLAYUTE	35	-9	7.9	-6.1
IN EVANSVILLE	50	5	7.7	4.3	NEW YORK	50	3	7.0	3.2	SEATTLE-TACOMA	36	-9	4.3	-1.3
FORT WAYNE	43	3	5.4	2.9	ROCHESTER	41	1	7.0	4.4	SPOKANE	20	-15	2.3	0.2
INDIANAPOLIS	46	5	8.4	5.3	SYRACUSE	41	1	5.2	1.7	WALLA WALLA	29	-14	2.5	0.6
SOUTH BEND	41	1	6.8	4.0	ASHEVILLE	56	9	4.9	1.6	YAKIMA	23	-15	0.9	-0.1
IA DES MOINES	30	-9	1.7	0.1	CHARLOTTE	59	8	8.7	5.8	WV BECKLEY	52	10	6.3	3.5
DUBUQUE	30	-6	4.2	1.7	GREENSBORO	56	8	8.3	5.7	CHARLESTON	55	10	8.5	5.6
SIOUX CITY	26	-11	1.1	0.1	HATTERAS	66	10	16.2	11.4	HUNTINGTON	53	8	7.4	4.6
WATERLOO	28	-7	1.7	0.1	NEW BERN	64	10	8.0	4.9	PARKERSBURG	51	6	7.7	5.0
KS CONCORDIA	33	-8	0.5	-0.5	RALEIGH	58	8	7.7	4.8	WI GREEN BAY	31	-3	5.0	3.2
DODGE CITY	35	-7	1.1	0.3	WILMINGTON	66	11	6.6	3.4	LA CROSSE	28	-7	4.1	2.6
GOODLAND	31	-7	0.5	-0.1	BISMARCK	14	-15	0.9	0.4	MADISON	31	-4	5.1	3.3
TOPEKA	37	-6	2.0	0.3	FARGO	15	-13	1.1	0.3	MILWAUKEE	37	-1	7.1	5.1
WICHITA	39	-5	1.6	0.1	GRAND FORKS	12	-14	1.4	0.6	WAUSAU	27	-5	3.9	2.1
KY BOWLING GREEN	54	8	3.8	0.0	WILLISTON	13	-14	0.6	0.1	WY CASPER	21	-12	1.5	0.8
JACKSON	54	11	6.9	3.7	OH AKRON-CANTON	45	4	9.4	6.9	CHEYENNE	26	-9	0.9	0.4
LEXINGTON	53	8	5.0	1.7	CINCINNATI	50	6	7.5	4.3	LANDER	18	-13	1.6	0.8
LOUISVILLE	53	7	4.5	1.0	CLEVELAND	46	4	8.8	6.0	SHERIDAN	15	-17	0.6	-0.2
PADUCAH	53	6	4.3	0.3					SAN JUAN	79	-1	4.6	-1.0	
LA ALEXANDRIA	63	6	2.8	-2.0										

Based on 1951-80 normals.

Heating Degree Days (Base 65° F.)

November 1985

ALA. Birmingham	162	IOWA, Des Moines	1046	NEV. Ely	1118	TEX. Abilene	328
Mobile	69	Dubuque	1032	Las Vegas	393	Amarillo	640
Montgomery	103	Soux City	1168	Reno	896	Austin	134
ALASKA, Anchorage	1504	KANS. Concordia	957	Winnemucca	1101	Beaumont	78
Barrow	1859	Dodge City	878	N.H. Concord	785	Brownsville	21
Fairbanks	2095	Goodland	1020	N.J. Atlantic City	346	Corpus Christi	50
Nome	1325	Topeka	844	N. MEX. Albuquerque	581	Del Rio	85
ARIZ. Flagstaff	931	Wichita	762	N.Y. Albany	740	El Paso	358
Phoenix	149	KY. Lexington	360	Binghamton	747	Fort Worth	285
Tucson	217	Louisville	347	Buffalo	685	Galveston	41
Winslow	613	LA. Baton Rouge	76	New York	428	Houston	76
Yuma	123	Lake Charles	79	Rochester	700	Lubbock	448
ARK. Fort Smith	364	New Orleans	49	Syracuse	702	Midland	308
Little Rock	308	Shreveport	174	N.C. Asheville	266	San Angelo	232
CALIF. Bakersfield	350			Charlotte	198	San Antonio	112
Eureka	546	MAINE, Caribou	1096	Greensboro	263	Victoria	69
Fresno	368	Portland	747	Hatteras	48	Waco	207
Los Angeles	192	MD. Baltimore	378	Raleigh	207	Wichita Falls	424
Red Bluff	495	MASS. Boston	580	Wilmington	60	UTAH, Milford	171
Stockton	435	Chatham	500	N. DAK. Bismarck	1526	Salt Lake City	821
San Diego	145	MICH. Alpena	885	Fargo	1487	VT. Burlington	835
San Francisco	382	Detroit	672	Williston	1553	VA. Lynchburg	307
COLO. Denver	1051	Flint	748	O.HIO. Akron-Canton	578	Norfolk	162
Grand Junction	779	Grand Rapids	790	Cincinnati	450	Richmond	257
Pueblo	1012	Houghton Lake	908	Cleveland	565	Roanoke	282
CONN. Bridgeport	541	Lansing	772	Columbus	500	WASH. Colville	-
Hartford	648	Marquette	1156	Dayton	516	Quillayute	895
D.C. Washington	320	S. Ste. Marie	978	Toledo	626	Seattle-Tacoma	870
FLA. Apalachicola	36	MINN. Duluth	1349	Youngstown	589	Spokane	1364
Ft. Myers	-	Internatl Falls	1520	OKLA. Okla. City	562	Walla Walla	1084
Jacksonville	36	Minneapolis	1201	Tulsa	510	Yakima	1255
Key West	0	Rochester	1255	OREG. Astoria	769	W. VA. Beckley	378
Miami	2	St. Cloud	1313	Burns	1309	Charleston	294
Orlando	14	MISS. Jackson	148	Medford	801	Huntington	348
W. Palm Beach	6	Meridian	154	Pendleton	1149	WIS. Green Bay	1016
Tallahassee	59	MO. Columbia	648	Portland	826	Madison	1012
Tampa	9	Kansas City	841	Salem	824	Milwaukee	843
GA. Atlanta	131	St. Louis	550	PA. Allentown	559	WYO. Casper	1337
Augusta	83	Springfield	558	Erie	558	Cheyenne	1158
Macon	94	MONT. Billings	1492	Harrisburg	508	Lander	1413
Savannah	51	Glasgow	1657	Philadelphia	407	Sheridan	1483
IDAHO, Boise	1113	Great Falls	1581	Pittsburgh	631		
Lewiston	1076	Havre	1675	Scranton	610		
Pocatello	1134	Helena	1571	R.I. Providence	567		
ILL. Cairo	422	Kalispell	1439	S.C. Charleston	54		
Chicago	813	Miles City	1517	Columbia	110		
Moline	888	Missoula	1294	Greenville	194		
Peoria	774	NEBR. Grand Island	1120	S. DAK. Aberdeen	1455		
Rockford	887	Lincoln	1071	Huron	1383		
Springfield	658	Norfolk	1195	Rapid City	1486		
IND. Evansville	476	North Platte	1205	Sioux Falls	1327		
Fort Wayne	632	Omaha	1077	TENN. Chattanooga	198		
Indianapolis	544	Valentine	1404	Knoxville	250		
South Bend	694			Memphis	254		
				Nashville	264		

Based on 1951 - 80 normals.

CROP PROGRESS

FOR WEEK ENDING DEC 8, 1985

SOYBEANS				CORN				WINTER WHEAT				SORGHUM			
% HARVESTED				% HARVESTED				% EMERGED				% HARVESTED			
	1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.		1985	1984	AVG.
ALA	92	95	95	COLO	91	93	90	ARK	85	NA	NA	ARK	100	97	99
ARK	90	89	95	GA	100	100	100	KANS	55	40	48	KANS	98	100	99
GA	66	92	91	ILL	95	98	100	MO	98	95	94	MO	82	96	97
ILL	98	96	100	IND	87	91	99	NEBR	52	NA	NA	NEBR	100	100	100
IND	95	95	100	IOWA	92	100	100	OKLA	100	100	100	OKLA	97	97	95
IOWA	99	100	100	KANS	100	100	100	S DAK	100	100	100	S DAK	100	100	100
KANS	90	98	99	KY	94	96	99	TEX	86	95	93	TEX	97	99	100
KY	85	90	99	MICH	75	99	99	7 STATES	96	99	99				
LA	97	97	97	MINN	87	99	98								
MICH	90	100	100	MO	84	97	97								
MINN	99	99	99	NEBR	96	100	100								
MISS	92	86	93	N C	100	100	100								
MO	67	93	97	OHIO	85	90	96								
NEBR	100	100	100	PA	85	95	99								
N C	47	86	91	S DAK	77	100	100								
OHIO	99	100	100	TEX	100	100	100								
S C	40	85	72	WIS	71	100	94								
S DAK	100	100	100												
TENN	96	85	95												
19 STATES	90	95	97	17 STATES	89	98	99	18 STATES	91	NA	NA	14 STATES	82	75	83
THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.				THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.				EXCL. STATES WITH NA	92	95	96	THESE 14 STATES PRODUCED 100% OF THE 1984 COTTON CROP.			
								THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.							
								NA - NOT AVAILABLE							

National Agricultural Summary

December 2 to 8, 1985

HIGHLIGHTS: Fall row crop harvest slowly crept towards completion, and hard freezes and drying conditions boosted harvest progress in some areas. Farmers were able to make a sizeable dent in the acreage that remained to be harvested in the Southeast and Delta. However, rain or snow plagued harvest progress in the Corn Belt and Great Plains. Cotton harvest advanced at a brisk pace, especially in Texas and New Mexico. Soil moisture was adequate to surplus throughout most of the Nation. Fieldwork averaged less than 3 days except in the Southeast and Delta where farmers were able to work slightly more than 3 days. Livestock was mostly good to fair. Bitter cold temperatures continued forcing depletion of hay supplies causing concern as to whether stocks will last through the winter. In some areas hay supplies are already short.

Winter wheat was mostly good. Snow provided protection from the cold temperatures across much of the northern wheat producing region. Stands were emerged on 90 percent (%) of the acreage, 3 points behind normal. Cotton harvest was up 9 points from last week to 82% completion, slightly behind normal. Corn harvest inched 2 points closer to completion with 89% of the acreage combined. Last year 98% was harvested, and normally 99% would be harvested by this time. Soybeans were 90% harvested, compared with 97% normally. Drier weather aided harvest in the Southeast and Delta States. Snowy, wet, cold weather stressed livestock in the northern half of the Nation. Supplemental feeding increased in most areas. Pastures and ranges across the South were mostly fair to good.

SMALL GRAINS: Winter wheat was mostly good. Snow provided protection from the cold temperatures across much of the northern wheat producing region. Stands were emerged on 90% of the acreage, compared with 93% normally. Seeding progressed in the Southeast and Southwest as weather permitted. Nebraska's wheat was mostly good. Warm temperatures melted much of the snow cover, but no significant damage has occurred. Cold weather stifled wheat growth and caused some winterkill in Oklahoma. In some areas of Oklahoma wheat began entering dormancy.

CORN: Corn harvest inched 2 points closer to completion with 89% of the acreage combined. Harvest was 98% finished last year this time, and 99% would usually be harvested. Illinois, Indiana, Nebraska, Pennsylvania, and South Dakota account for most of the progress last week. In South Dakota, harvest gained 9 points but was still 23 points behind normal. In Michigan, combines were silent leaving harvest progress unchanged from the previous week. Lodging and stalk rotting was continually becoming a problem in the Corn Belt.

SOYBEANS: In the 19 major producing States harvest reached 91% completion, 6 points behind the normal pace. Freezing temperatures and drier weather aided harvest in the Southeast and Delta States. In North Carolina, harvest went from 37% finished last week to 47% complete this week. Harvest now trails the normal pace by 34 points. Harvest was 25 and 30 points behind normal in Georgia and

Missouri, respectively. Harvest was slow in the Corn Belt with most States up slightly from the previous week.

COTTON: Cotton harvest advanced at a brisk pace, despite dampness. The 14 major producing States ran harvest to 82% completion, 1 point under normal. This week's harvest surged 9 points ahead of last week with harvest in New Mexico and Texas up 15 and 16 points from the previous week, respectively. Cold temperatures ended growth in Texas and allowed strippers to advance harvest rapidly.

OTHER CROPS: Sorghum harvest advanced to 96% completion, 3 points behind the average. Harvest was finished or neared completion in all States except Missouri which was 15 points slower than normal.

In Texas, peanut harvest was 79% finished, compared with the 93% norm. Producers resumed harvest from Cross-Timbers to South Texas.

Sugarcane harvest was active in Texas, Louisiana, and Florida. Sugar quality was good in Texas.

VEGETABLES: In Florida, fall vegetable crops seasonally declined. Harvest remained active for most crops with volume steady. Land preparation and planting for spring vegetables was underway. Strawberry harvest was getting underway. Texas vegetable activities consisted mostly of harvesting peppers, cabbage, broccoli, tomatoes, and spinach. Lettuce, broccoli, and cauliflower harvests continued on a large scale in Arizona. Romaine, Napa, and Bok Choy were shipped. Salt River Valley and Aguila mixed vegetable movement continued at seasonal pace. California vegetable harvest progressed at seasonal pace. Carrot harvest was very light in the Salinas Valley, moderate in the San Joaquin Valley, and just beginning in the desert. Broccoli was actively harvested in most areas. Lettuce supplies were light from the central coast and San Joaquin Valley but increased in the Palo Verde Valley.

FRUIT AND NUTS: The season's first cold frost and accompanying showers benefited citrus fruit coloring and helped in averting tree wilt in Florida. Harvest increased to prepare for the holiday trade. In Arizona, citrus packing consisted of lemons, grapefruit, and tangerines in Yuma. Navel oranges and grapefruit were packed in Phoenix. Cold weather caused dormancy in California's deciduous fruit orchards. Lemons, tangerines, and grapefruit were harvested in the desert with good quality. Frost damaged citrus groves and kiwifruit vines in the northern Sacramento Valley.

PASTURES AND LIVESTOCK: Livestock was mostly good. Supplemental feeding increased in most areas and bitter cold temperatures stressed livestock in the northern half of the Nation. Hay supplies are already short in some areas, and producers expressed concern as to whether stocks will last through the winter. Pastures and ranges across the South were mostly fair to good.

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 limited to northern, western counties; totals under 0.20 in. Temperatures averaged 4 to 9° below normal northern half; 2 to 7° below normal central, south.

Fieldwork 3.7 days. Soil moisture 4% short, 72% adequate, 24% surplus. Soybeans harvested 92%, 95% 1984, 95% avg. Cotton harvested 99%, 96% 1984, 97% avg. Winter wheat planted 86%, 95% 1984, 93% avg.; 37% fair, 59% good, 4% excellent. Pastures 2% poor, 35% fair, 61% good, 2% excellent. Livestock 22% fair, 74% good, 4% excellent. Primary activities: Harvesting cotton, soybeans, pecans; planting wheat, winter grazing crops; pruning fruit trees; preparing fish ponds for stocking; routine care of livestock, poultry.

ARIZONA: Weak storm system moved rapidly across State 2nd, 3rd; produced light amounts of rain and snow. Moisture values 0.05 in., or less except 0.17 in. Grand Canyon. Otherwise, partly cloudy to sunny skies prevailed. Average temperatures varied from 2° below to 8° above normal.

Cotton 87% harvested, 94% 1984, 87% avg. Picking slowed or halted by wet field conditions in localized areas. In west, residue disposal advanced toward plowdown deadline. Cutting of alfalfa progressed slowly; cool, damp conditions limiting late growth. Crop fair to good, market for good quality offerings firm. Small grain seeding advanced to 20% complete. Established stands good. Citrus packing consisted of lemons, grapefruit, tangerines at Yuma; Navel oranges, grapefruit at Phoenix. Pecan harvest advanced. Lettuce movement from Parker-Poston peaked, will taper off rapidly. Yuma harvest of lettuce, cauliflower, broccoli continued on large scale. Romaine, Napa, Bok Choy also shipped. Salt River Valley and Aguila mixed vegetable movement continued at seasonal rates.

ARKANSAS: Temperatures 5 to 13° below normal. Very cold first of week. Warming slightly toward end of week with light showers southeast around midweek. Temperature extremes 8°; 60°. Precipitation none to 0.12 in.

Days suitable for fieldwork 7.0. Soil moisture 2% short, 61% adequate, 37% surplus. Cotton 99% harvested, 93% 1984, 97% avg. Winter wheat 85% emerged. Sorghum 100% harvested, 97% 1984, 99% avg. Soybeans 90% harvested, 89% 1984, 95% avg.

CALIFORNIA: December opened on a wet note as three successive Pacific storms moved across State. First occurred on 2nd, 3rd; one of strongest and windiest storms ever to hit coast. Followed by a much milder storm on 4th and finally a cold storm on 6th, 7th. First and second storms sub-tropical in origin and snow levels rose to near 8,000 ft. in northern Sierra before dropping to 5,000 ft. with colder system at the week's end.

Rain slowed work. Cotton harvest 94%, 98% 1984, 96% avg. Wet conditions prevented shredding, discing. Winter wheat planted, weather allowing. Emerged at 55%, 40% 1984, 48% avg. Some replanted. Oats showed good progress. Other work at standstill. Cotton 50% fair, 50% good. Winter wheat 50% fair, 50% good. First serious frost damage northern Sacramento Valley. Citrus groves, kiwifruit vines, and young replants affected. Cold weather caused dormancy in deciduous orchards. Bacon, Fuerte, Zutano avocados harvested; excellent demand. Navel orange harvest continued, good quality and high sugar levels reported. Desert grapefruit, lemon, tangerine, harvests continued, very good quality. Artichoke supplies

moderate, quality improving. Broccoli harvest active central and south coast, desert and San Joaquin Valley. Cantaloup harvest about complete. Carrot harvest very light Salinas Valley, moderate San Joaquin Valley, underway in the desert. Cauliflower light supply central coast. Harvest continued San Joaquin Valley, south coast, increased desert. Lettuce very light supply central coast, San Joaquin Valley. Harvest very active Palo Verde Valley. Bell pepper harvest finished central coast, very light south coast. Potato movement from storage active Tulelake-Butte Valley. Digging seed potatoes Stockton, market potatoes west-Riverside. Range pasture growth improved, warmer temperatures, rains. Supplemental feeding continued heavy many districts as grass short. Stockwater supplies beginning to be replenished. Calving, lambing continued. Apairies being moved to ranges from out of State.

COLORADO: Cold air dominated State during first two days of week. Warmer air moved in later week bringing moisture to some areas. Temperatures ranged from 7° above normal west of Continental Divide to 10° below normal in eastern part of State. Mountains received approximately 0.75 in. of precipitation while rest of State received only a trace to 0.33 in. of precipitation.

Winter wheat emerged 98%, 95% 1984, 94% avg. Corn harvested 91%, 93% 1984, 90% avg.

FLORIDA: Strong cold fronts on 2nd and 6th brought autumn's coolness with 30's north, 40's southward to Lake Okeechobee. First light freeze with frost occurred interior Panhandle 3rd; again on 7th, 8th, with minimums of 29°. Dry, Panhandle but rains occurred over Peninsula with front on 6th, averaging less than 0.10 in. northeast, less than 0.50 in. west Peninsula, but 1.00 to 2.00 in. east central, southeast. Temperatures averaged 2° below normal Panhandle to 2° above normal south.

Soil moisture mostly adequate north, south; surplus western Panhandle; short mostly some upper interior, upper western Peninsula areas. Soybean harvest hampered by wet fields, crop damaged by heavy rains. Cotton harvest nearing completion, some acreage lost due to adverse weather. Sugarcane harvest full swing. Planting small grains continued. Haymaking active central, southern areas. Pastures rated mostly fair, but good to excellent few localities Panhandle, north, most of lower Peninsula. Cooler temperatures, followed by isolated showers beneficial most areas. Pastures central, west central need rain. Condition of cattle, calves declining somewhat in north, Panhandle; mostly good south. Seasons first cold front and accompanying showers benefitted citrus fruit coloring and helpful in averting tree wilt. Harvest active for holiday trade. Weather conditions mostly variable in vegetable areas. Cold front moved through about midweek, lowering temperatures, causing rainfall amounts up to 4.00 in. some areas. Daytime highs in 70's, nighttime lows dipped into low 50's to upper 40's. Fall crop declining seasonally. Planting, preparation for spring crops underway. Harvest remains active most crops with volumes generally steady. Harvest gaining for cabbage, cauliflower, carrots, celery, escarole, lettuce. Strawberry harvest getting underway.

GEORGIA: Temperatures 5° below normal. Extremes: 15° at Blairsville on 3rd, 70° Valdosta, Homerville on 8th. Most locations no rain; less than 0.25 in. at a few locations.

Days suitable for fieldwork 2.9. Soil moisture 1% short, 44% adequate, 55% surplus. Main activities: Limited harvested of row crops, pecans; planting of small grains; routine livestock care. Corn 100% harvested, 100% 1984, 100% avg. Cotton 100% harvested, 100% 1984, 100% avg. Cotton 90% harvested, 96% 1984, 97% avg.; 10% very poor, 40% poor, 40% fair, 8% good, 2% excellent. Grain sorghum 93% harvested; 4% very poor, 26% poor, 44% fair, 26% good. Soybeans 66% harvested, 92% 1984, 91% avg.; 21% very poor, 36% poor, 30% fair, 13% good. Wheat 62% planted, 82% 1984, 90% avg.; 52% emerged; 3% poor, 31% fair, 65% good, 1% excellent. Rye 87% planted, 94% 1984, 96% avg.; 1% very poor, 5% poor, 29% fair, 63% good, 2% excellent. Other small grains 81% planted, 92% 1984, 95% avg. Pecans 79% harvested, 79% 1984, 81% avg.; 7% very poor, 25% poor, 41% fair, 27% good. Pastures 1% very poor, 7% poor, 33% fair, 56% good, 3% excellent. Cattle 2% poor, 23% fair, 73% good, 2% excellent. Hogs 2% poor, 21% fair, 75% good, 2% excellent.

HAWAII: Improved crop growing conditions returned as islands experienced mostly sunny skies. Shower activity at beginning of week mainly over windward and mountain areas. Winds were trades, 10 to 20 mph, becoming light and variable over weekend. Banana, papaya orchards fair condition with production declining seasonally. Sugarcane harvesting slowing as season nears end. Light pineapple harvesting for fresh market continued. Some vine crops experienced minor damage from gusty winds last week.

IDAHO: Temperatures continued well below normal through middle of last week with temperatures warming to near normal by end of week. Along with warming came increase in precipitation with rain, snow or freezing rain falling in many valley areas. Precipitation averaged near normal for week.

Minimal farm activity limited to livestock feeding, equipment repair, educational programs, some fall plowing. Livestock good and feed supplies adequate in most areas.

ILLINOIS: Temperatures 4 to 10° below normal. Lows -5 to -10° north to 5 to 10° south. Lows 50s south, highs mid -30's north. Precipitation none to 0.35 in., mostly east.

Corn harvested for grain 95%, 98% 1984, 100% avg. Soybeans harvested 98%, 96% 1984, 100% avg. Winter wheat emerged 98%, 95% 1984, 99% avg.

INDIANA: Cold, mostly dry week except northern third state with near normal precipitation as snow. Temperatures 5 to 6° below normal north and central, 8 to 10° below normal south. Precipitation none to 0.30 in., mostly under 0.10 in.

Fieldwork averaged 1.9 days. Topsoil moisture 16% adequate, 84% surplus. Subsoil moisture 30% adequate, 70% surplus. Corn 87% harvested, 91% 1984, 99% avg. Corn moisture 21%, 21% 1984. Soybeans 95% combined, 95% 1984, 100% avg. Soybean moisture 19%, 15% 1984. Spring cropland 37% tilled, 43% 1984, 60% avg. Wheat 100% emerged, 86% 1984, 100% avg. Wheat 1% poor, 20% fair, 72% good, 7% excellent.

IOWA: Cool week, little snow. Low -23° 6th; high 40° 8th. Past 5 weeks 10° subnormal, record coldest like period. Snowcover 10 to 16 in. northeast decreasing to 2 to 6 in. south. Little southeastern counties.

Days suitable for fieldwork 1.9. Corn harvested 92%, 100% 1984, 99% avg. Soybeans harvested 99%, 100% 1984, 100% avg. Little progress due to blizzard ending December 1st. Livestock generally good.

KANSAS: Precipitation averaged 0.10 in. west and north central, 0.50 in. southeast, 0.20 to 0.40 in. elsewhere. Temperatures averaged 32° southeast and south central, 27 to 29° elsewhere. Temperature were 3° below normal northwest, 8° below normal northeast, 5 to 7° below normal elsewhere.

Snow, rain and ice hindered fieldwork, but some progress made. Soybeans 90% harvested, 98% 1984, 99% avg. Sorghum 98% harvested, 100% 1984, 99% avg. Corn 100% harvested, 100% 1984, 100% avg. Wheat 90% emerged, 98% 1984, 98% avg.

KENTUCKY: Cold with below normal precipitation. Temperatures averaged 5 to 10° below normal. Precipitation 0.25 in. or less most areas. Slightly heavier rainfall extreme southeast.

Corn 94% harvested, 96% 1984, 99% avg. Soybeans 85% harvested, 90% 1984, 99% avg. Freezing temperatures firmed up some low fields allowing harvest. Some river bottoms still flooded. Wheat seeding virtually complete. Hay feeding common.

LOUISIANA: Temperatures averaged 2 to 7° below normal. Temperature extremes 24°; 81°. Rain totals averaged 0.01 to 0.28 in.

Days suitable for fieldwork 4.5. Soil moisture 5% short, 54% adequate, 41% surplus. Cotton 99% harvested, 92% 1984, 97% avg. Soybeans 97% harvested, 97% 1984, 97% avg. Pecans 88% harvested, 73% 1984, 72% avg. Sweetpotatoes 97% harvested, 99% 1984, 99% avg. Vegetables fair. Sugarcane 99% planted, 100% 1984, 100% avg.; 78% harvested, 80% 1984, 80% avg. Winter wheat fair. Winter wheat 82% planted, 82% 1984, 90% avg.; 68% emerged, 75% 1984, 83% avg. Pasture fair; livestock fair to good.

MARYLAND & DELAWARE: Maryland: Temperatures 1 to 3° above normal; highs in high 40s to high 50s; lows in mid teens extreme west, mid 20s elsewhere. Precipitation averaged 1.12 in, ranging from 0.34 in. to 2.80 in.

Fieldwork 4.0 days suitable. Topsoil, subsoil moisture adequate. Corn harvest now complete, three weeks behind last year, two weeks behind normal. Soybean harvest continued as weather permits. High humidity, wet soils slowed harvest and kept soybeans high in moisture with some deterioration in quality and yield. Small grains good condition with more growth than normal for this time of year. Tobacco stripping continued.

Delaware: Temperatures mostly 1 to 3° below normal. Lows mid 20s, highs near 60s. Precipitation average 1.27 in. range 0.40 in. to 1.78 in.

Fieldwork 3.9 days suitable. Topsoil, subsoil moisture adequate. Soybean harvest 80% complete, three weeks behind last year and normal. High humidity, wet soils kept soybean moisture high and have deteriorated quality of beans and lowered yield prospects on remaining fields to be harvested.

MICHIGAN: Temperatures averaged 3° below normal. Precipitation ranged from 0.50 to 1.50 in. (water equivalent). Heavy snow blanketed upper Peninsula and much of northern lower Peninsula.

Days suitable for fieldwork 1.5. Soil moisture supplies none short, 5% adequate, 95% surplus. Snow feel on already wet ground and further delayed fall harvesting. Farmers with standing crop waiting for snow to melt and soil to freeze so they can run combines. Corn 75% harvested, 99% 1984, 99% avg. Soybeans 90% harvested, 100% 1984, 100% avg. Winter wheat emerged 100%, none 1984, none avg. Winter wheat 5% poor, 25% fair, 50% good, 20% excellent. Sugarbeet harvest virtually done. Orchardists pruning trees. Vegetable harvest over.

MINNESOTA: Very cold, light snow; most portions remained sub-freezing. Temperature averaged 9 to 17° below normal. Temperature extremes -27°; 34°. Precipitation averaged 0.14 in. below normal to 0.13 in. above normal. Snowfall averaged 1 to 4 in. Snow depths weeks end averaged 10 to 18 in.

Most areas, no harvest activity; few areas, corn picking, combing resumed by week's end despite deep snow. Unharvested corn generally standing well with ears firmly attached, south; more lodging, central portion. Livestock good; feed use high; hay supplies getting short, dairy region.

MISSISSIPPI: Strong cold front first of week, gradual warming trend later in week. Extremes 18°; 74°, 5 to 10° below normal. Rainfall 1.00 in. or less all locations.

Fieldwork 3.8 days suitable, 1.4 1984, 2.6 avg. Soil moisture adequate to surplus. Soybeans 92% harvested, 86% 1984, 93% avg. Cotton 98% harvested, 89% 1984, 96% avg. Pecans 80% harvested, 78% 1984, 80% avg. Winter wheat good to fair; 82% seeded, 67% 1984, 87% avg. Pasture good to fair, livestock good. Hay, roughage supply adequate to surplus. Feed grains adequate.

MISSOURI: Temperatures remained well below normal ranging from 7° below normal Bootheel region to 14° below normal northwest Prairie. Precipitation generally less than 1.00 in. with southwest receiving less than 0.10 in. Some parts of northwest Prairie up to 5 in. of snow at beginning of week.

Days suitable for fieldwork 1.6. Topsoil moisture 1% short, 11% adequate, 58% surplus. Corn harvested 84%, 97% 1984, 97% avg. Soybeans harvested 67%, 93% 1984, 97% avg. Grain sorghum harvested 82%, 96% 1984, 97% avg. Cotton harvested 97%, 93% 1984, 98% avg. Winter wheat emerged 91%, 77% 1984, 91% avg. Winter wheat 2% poor, 58% fair, 39% good, 1% excellent. Pasture 9% poor, 36% fair, 52% good, 3% excellent.

MONTANA: Moderating temperatures early in week. Some of coldest temperatures of season occurred just prior to moderating temperatures. Temperatures 7 to 18° below normal. Precipitation light to moderate west and south west, none elsewhere.

Topsoil moisture supplies 96% adequate, 4% surplus. Subsoil moisture supplies 29% short, 71% adequate. Winter wheat 5% poor, 66% fair, 29% good. Winter wheat emerged 80%, 100% 1984, 100% avg. Snowcover 27% fair, 70% good, 3% excellent. Wind damage 36% none, 61% light, 3% moderate. About 90% livestock receiving supplemental feed. Hay, roughage feed supplies for winter 79% short, 21% adequate. Stockwater supplies 30% short, 70% adequate. Cattle, calves general condition 32% fair, 68% good. Sheep, lambs general condition 42% fair, 58% good.

NEBRASKA: Temperatures averaged 10° below normal east, 6° below normal rest of State. Precipitation light averaging less than 0.10 in.

Corn harvested 96%, 100% 1984, 100% avg. Sorghum harvested 100%, 100% 1984, 100% avg. Soybeans harvested 100%, 100% 1984, 100% avg. Wheat emerged 100%, 100% 1984, 100% avg. Wheat mostly good. Temperatures warmed slightly. Most snowcover melted except heaviest accumulations. Harvesting corn continued along with general farm chores.

NEVADA: Series of Pacific storms of varying strengths moved across State throughout week. First one began as warm front followed by cold air mass bringing snow north, rain elsewhere. Remaining storm fronts moved though quickly producing variable clouds, thunderstorms, rain, snow most areas. Temperatures averaged above normal all areas.

Major ranch, farm activities limited mostly to caring for and feeding livestock. Movement potatoes from storage to market sluggish.

NEW ENGLAND: Precipitation between 0.50 and 1.00 in. over Maine, New Hampshire, Vermont; between 0.25 and 0.50 in., elsewhere. Average temperatures near normal over entire area; low 20s over northern Maine, New Hampshire, Vermont, to mid 30s over coastal areas.

Chopping wood, repairing farm buildings and equipment, moving apples and potatoes out of storage, tending livestock.

NEW JERSEY: Temperatures below normal, averaging 30° north, 33° south, 36° coastal. Extremes 13°, 62°. Precipitation below normal, averaging 0.31 in. north, 0.25 in. south, 0.34 in. coastal. Heaviest 24-hour total 0.37 in. on 5th, 6th. Heaviest 24-hour snowfall 4 in. on 5th, 6th.

Farmers caring for livestock, pruning fruit trees, combining corn for grain and soybeans, cutting and digging Christmas trees, deer hunting. Some crops being marketed from storages and cider being made.

NEW MEXICO: West near 5° above normal, east 1 to 3° below normal. Temperatures 2° northeastern Plains to 73° southeastern Plains. Precipitation over northern third State. Precipitation none to 0.16 in., northern mountains.

Days suitable for fieldwork 6.0. Soil moisture 27% short, 73% adequate. Cotton 38% fair, 62% good; 70% harvested, 75% 1984, 86% avg. Barley 22% fair, 78% good. Irrigated wheat 22% fair, 78% good. Dryland wheat 40% fair, 60% good. Irrigated grain sorghum 44% fair, 56% good. Dryland grain sorghum 40% fair, 60% good. Pecans 100% good. Chile 100% good. Cattle 14% fair, 86% good. Sheep 17% fair, 83% good. Range 50% fair, 50% good.

NEW YORK: Week started out mild. Temperatures reached 50's in western, southern areas on 1st. Only a few spots Mohawk and Upper Hudson Valleys failed to reach 40. Colder air dropped temperatures to 30's on 2nd, but readings again reached 50's St Lawrence Valley and New York City. Cold weather had a firm grip on region by 3rd. High readings 20's upstate and 30's along coast. Lows near zero in Adirondacks on 5th, teens as far south as New York City suburbs. Temperatures moderated only slightly through end of week. Averages near or a bit below normal. First lake effect snow squalls of season accompanied the cold air on 2nd. Some of Snow Belt counties east of Lake Erie near blizzard conditions as winds gusted to more than 60 mph. Week disturbance brought an inch or two to upstate area from 5th to 6th. Total precipitation for the week averaged close to normal in most sections.

Main farm activities included tending livestock, repairing machinery and general farm chores.

NORTH CAROLINA: Temperatures were 5° below normal in mountain region and 3 to 4° below normal in Piedmont and coastal Plain regions. Rainfall ranged from none to 1.20 in. across State.

Days suitable for fieldwork 3.0. Soil moisture 1% very short, 3% short, 45% adequate, 51% surplus. Condition: Pasture 4% poor, 26% fair, 67% good, 3% excellent. Wheat 20% fair, 79% good, 1% excellent. Oats 16% fair, 83% good, 1% excellent. Barley 12% fair, 88% good. Rye 11% fair, 87% good, 2% excellent. Harvest: Soybeans 47%, 86% 1984, 91% avg. Cotton 84%, 93% 1984, 94% avg. Farm feed supplies: Hay and roughage 3% short, 92% adequate, 5% surplus. Feed grains 2% short, 93% adequate, 5% surplus. Major farm activities: Harvesting soybeans, seeding small grains, fall plowing, picking cotton, preparing tobacco, plant beds, grading, stripping and marketing burley tobacco,

cutting Christmas trees, tending livestock, pruning apple trees, conservation work, cutting firewood and general farm maintenance.

NORTH DAKOTA: Temperatures averaged 12 to 18° below normal. Lowest temperature reported -27° at a number of locations. Southwest reported 40° high. Precipitation variable. Eastern third received above normal amounts, western two-thirds received below normal amounts. Northeast most precipitation with 0.60 in. of water equivalent.

Continued cold temperatures tough on livestock and feed supplies. Fall seeded grains good snow cover.

OHIO: Temperatures averaged below seasonal levels; north averaged 2 to 3° below normal, south 4 to 6° below normal. Extremes from teens to 40s. Precipitation widespread, from 0.10 to 0.25 in.

Corn harvested 85%, 90% 1984, 96% avg.; increased lodging early in week; stalks continued to weaken from moisture, molding. Soybeans harvested 99%, 100% 1984, 100% avg.; high moisture causing dry-down problems. Combines clogging, freezing. Winter wheat 100% emerged, 100% 1984, 100% avg.

OKLAHOMA: Temperatures averaged 5° below normal southeast to 10° below normal west central and central. Precipitation averaged 0.06 in. north central, 0.05 in. southwest. Elsewhere, no precipitation received.

Wheat 95% emerged, 95% 1984, 95% avg. Cold weather stifled wheat growth, caused some winterkill. Fertilization, weed control scarce as wheat beginning to enter dormancy. Sorghum 97% harvested, 97% 1984, 95% avg. Cotton 50% harvested, 55% 1984, 55% avg. Row crop harvest limited by wet fields, bitter cold temperatures. Cattle prices up from last week.

OREGON: Temperatures in northeast and north central 5 to 15° below normal; south coast above normal; north coast slightly below normal; Willamette Valley below normal first of week, above normal by midweek; south central areas near normal temperatures. Heaviest precipitation along coast and northwest; mixture of snow and rain. Eastern areas received snow during week. Northwestern region had snow covering ground first of week. East of Cascades snow covered ranges from 10 to 13 in.

Soil moisture 100% adequate. Winter wheat 92% emerged, 94% 1984, 97% avg. Little winter injury expected, snowcover down before coldest weather hit in east, western fields good start before freeze. Freezing weather damaged remaining vegetables. Livestock mostly good. Hay feeding started early with cold and snow. Range, pasture fair to good west.

PENNSYLVANIA: Week cool, cloudy. Average State temperature 31°, 4° below normal. Coldest week since February. Precipitation averaged 0.53 in., 0.20 in. below normal. State received it's first snowfall of season, depths reported mostly 1 to 3 in.

Days suitable for fieldwork 4.0. Moisture mostly surplus to adequate. Activities: Harvesting corn, soybeans; grading potatoes; hauling manure; cutting firewood; machinery maintenance. Corn for grain 85% harvested, 95% 1984, 99% avg. Soybeans 90% harvested, 100% 1984, 99% avg.

PUERTO RICO: Island average rainfall 0.56 in., 0.60 in. below normal. Highest weekly total 2.31 in. Highest 24-hour total 1.50 in. Temperature averaged about 75 to 76° on coast and 70 to 71° interior division. Mean station temperature ranged from 64.5 to 80°. Extremes 52°; 92°. Total rainfall 1.81 in. plus 0.66 in.

SOUTH CAROLINA: Temperatures averaged below normal last week for first time since early November. Early morning freezing temperatures accompanied by frost. Rainfall light.

Soybeans 40% harvested, 85% 1984, 72% avg. Cotton 96% harvested, 100% 1984, 100% avg. Outside farm activities slowed due to wet conditions. Continued cool, dry weather is needed to get soybeans harvested. Small grain planting well behind schedule.

SOUTH DAKOTA: Average temperatures 8 to 16° below normal. Extremes -36°; 53°. Melted precipitation general; most in northwest and southeast. Snow depth 2 in. southeast to 30 in. north central.

Corn harvested continuing where and when possible. Corn 77% harvested, 100% 1984, 100% avg. Winter wheat 100% emerged, 100% 1984, 100% avg. Sorghum 100% harvested, 100% 1984, 100% avg. Soybeans 100% harvested, 100% 1984, 100% avg. Livestock good. Feed supplies short west, adequate elsewhere. Stubble remains covered with snow; livestock feeding continued.

TENNESSEE: Temperatures near normal; averaged mid 30s. Normal rainfall.

Soybean, cotton harvest progressing 1 week ahead of 1984 pace. Soybeans 96% harvested, 85% 1984, 95% avg. Cotton 95% harvested, 87% 1984, 95% avg.

TEXAS: Conditions dry, cool, while State recovered from season's first full blast Arctic cold. New record low temperatures recorded 2nd, 3rd across north, central. Another weak front midweek only measurable rainfall to south central, east, brief period high cloudiness yielded to clear, cool skies from 6th to 8th. Rainfall below average all areas. Average temperatures below normal.

Crops: Cotton 98% open bolls, 97% 1984, 99% avg.; 71% harvested, 57% 1984, 72% avg. Cotton 2% poor, 49% fair, 45% good, 4% excellent. Harvesting good progress Plains, Cross-Timbers after bitterly cold temperatures ended any new growth, allowed cotton strippers to roll. Progress slow at first because of cold; by midweek activities rapid pace. Sorghum 97% harvested, 99% 1984, 100% avg. Harvesting advanced rapidly Plains. Many fields harvested last week showed high moisture content; fields drying rapidly. Wheat 94% planted, 99% 1984, 98% avg.; 86% emerged, 95% 1984, 93% avg. Wheat 30% fair, 54% good, 16% excellent. Small grain growth slow Plains last week because cold temperatures. Any fields left to be planted probably not emerged until spring because cold soil temperatures. Growth small grains other areas slowed; fields still looked good. Minor greenbug, leaf rust continued show up many areas. Most central, south fields providing good grazing. Fields east, upper coast very wet, limiting grazing. Peanuts 79% harvested, 90% 1984, 93% avg. Producers resumed harvesting activities from Cross-Timbers to south. Many producers trying to wrap up harvest activities before next wet weather sets in. Quality fair. Soybeans 72% harvested, 97% 1984, 95% avg. Harvest resumed many fields along Upper Coast. Damage from excessive moisture less than originally thought; overall quality below average. **Other field crops:** Sugarbeets 82% harvested, 97% 1984, 95% avg. Harvest slow because cold weather. Cold conditions caused some damage. Pecans 54% harvested, 74% 1984, 67% avg. Sunflowers 89% harvested, 90% 1984, 95% avg. Oats 85% planted, 100% 1984, 97% avg. Sugarcane harvest active, good quality.

Commercial Vegetables: Rio Grande Valley harvest peppers, cabbage, broccoli, tomatoes continued. Planting onions continued. Progress good planted fields onions, carrots. Movement citrus gift fruit underway. Growers reported good size, quality. San Antonio-Winter Garden, harvest cabbage, spinach

full swing. Some replanting spinach necessary. Trans-Pecos, some light harvest activities on chilies. Good pecan harvesting conditions followed behind cold front most areas. Quality varied, some damage from excessive water.

Range and Livestock: Growth most winter grasses good, considering cold temperatures. Most warm season grasses declined. Most areas good shape for winter grazing. Small grain pastures providing good grazing. Some fields too wet to graze. Livestock generally good. Some death losses high Plains because severe, cold temperatures. Some supplemental feeding scattered areas.

UTAH: Average temperatures above normal with maximums from 3° below normal to 1° above, minimums 5 to 10° above normal. Moderate to heavy precipitation in all divisions with Dixie receiving 1.08, northern mountains 1.20 in.

Snow most areas covered pastures. Livestock feeding fairly heavy. Hay supplies adequate now, but hay sales slowing as many operations saving hay for their own livestock.

VIRGINIA: Rain ended early in period. Cold winter weather then arrived. First snow in mountains, first killing frost in southeast. Lows reached teens to 20s. Warmed slightly to 50s by 8th.

Days suitable for fieldwork averaged 2.4. Topsoil moisture 59% adequate, 41% surplus. Dry, cold weather allowed soybean farmers to finally make good harvest progress last part of period. Soybean harvest 66% complete, 90% 1984, 88% avg. Pasture land, winter grains, grazing crops mostly excellent due to plentiful moisture. Livestock mostly excellent. Calving, lambing active. Feed

supplies adequate. Livestock care, record keeping, fencing main activities.

WASHINGTON: Continued cold temperatures early in week with more typical, moderate temperatures developing by 3rd and holding through week.

Days suitable for fieldwork less than 1.0. Soil moisture 15% short, 85% adequate. Range and pasture 70% short, 30% adequate. Hay supplies 30% short, 70% adequate. Winter wheat 98% emerged, 100% 1984, 100% avg. Livestock continuing to be fed additional hay due to cold weather and snow covered pastures. With warmer temperatures in many areas, pruning crews returned to orchards.

WEST VIRGINIA: Temperatures averaged below normal. Low 8° Circleville; high 58° Ripley. Average for State 31°. Precipitation averaged below normal with a statewide average of 0.36 in. Snow common across State during midweek. Precipitation extreme ranged from 0.72 in. Terra Alta to 0.06 in. Parkersburg.

Days worked averaged 1.4. Soil moisture surplus to adequate. Feed supplies adequate. Corn harvesting complete.

WISCONSIN: Average temperatures below normal most of week, seasonable temperatures on weekend. Light snow across many sections of State midweek.

Soil moisture surplus, most areas. Snow depth 16.0 in., 0.3 in. 1984, 2.4 in. avg.; frost depth 2.2 in., 0.8 in. 1984, 2.0 in. avg. Corn harvested 71%, 100% 1984, 94% avg. Soybeans harvested 78%, 100% 1984, 96% avg. Fieldwork at standstill due to deep snowcover.

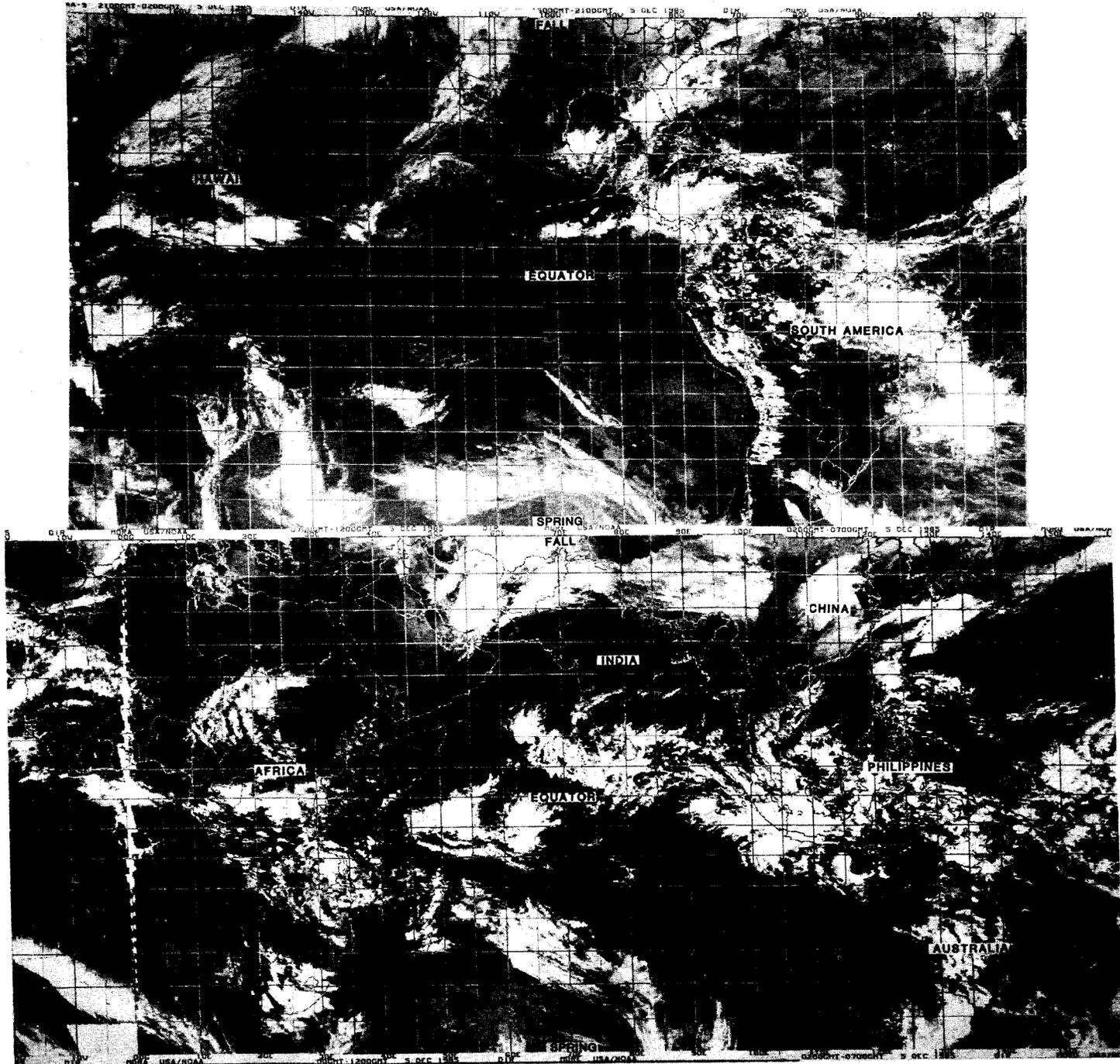
WYOMING: No Data Available.

(Continued from p. 9)

In the 14 major producing States, 73 percent of the cotton acreage was picked by the end of November. Cotton harvest slowed during the month going from 1 point behind normal on November 3 to 4 points behind normal December 1. In the Southeast rain slowed harvest throughout most of November. As the month ended, harvest was ahead of or equaled normal in all States except California, Georgia, Missouri, New Mexico, North Carolina, South Carolina, and Texas. Cotton harvest was 24 points slower than normal in New Mexico and 11 points below average in North Carolina.

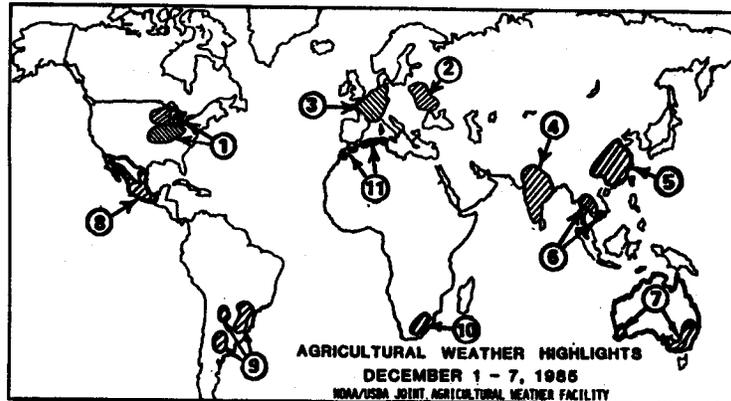
GLOBAL WEATHER SATELLITE IMAGE

December 5, 1985



International Weather and Crop Summary

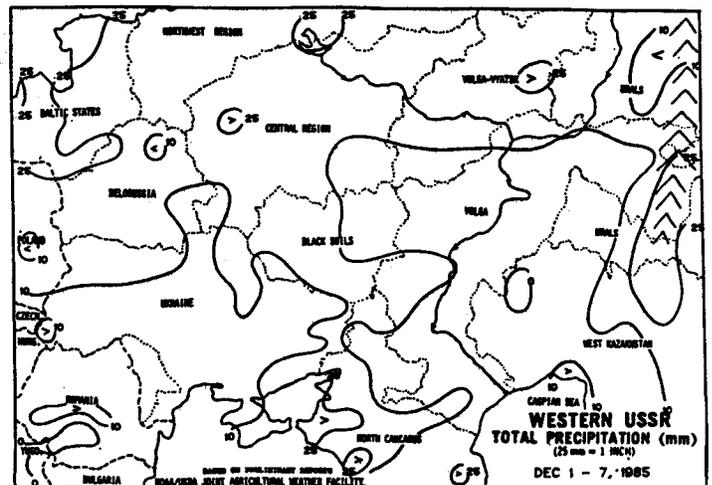
December 1-7, 1985

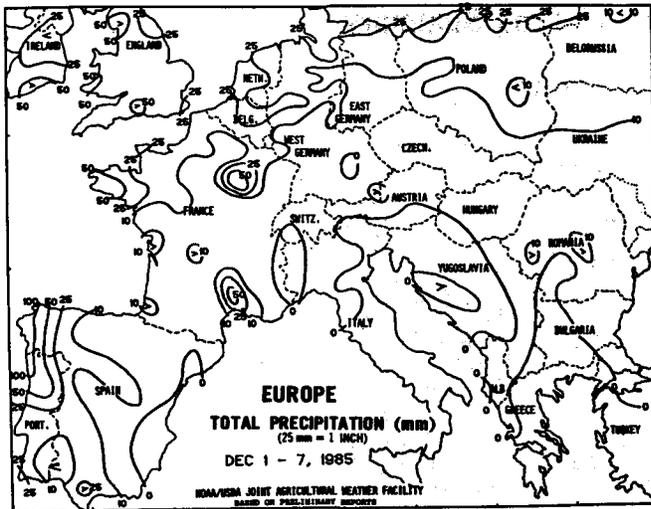


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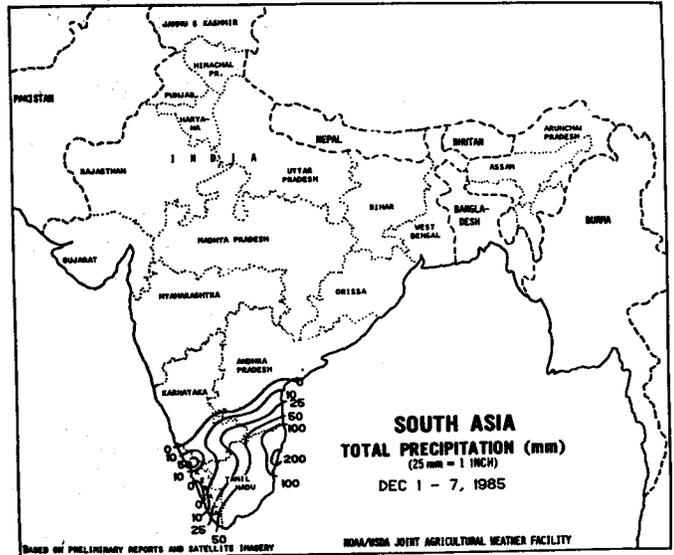
1. UNITED STATES ... Hard freeze and drying conditions boosts harvests progress in some areas. Rain or snow delays harvest in other areas.
2. WESTERN USSR ... A warming trend in the west reduces snow cover.
3. EUROPE ... Above-normal temperatures in the northwest cause winter grains to lose hardiness.
4. SOUTH ASIA ... Heavy rain and flooding return to the southeast, damaging maturing winter rice.
5. EASTERN ASIA ... Cold weather forces northern winter wheat into dormancy. Light snow falls in the North China Plain.
6. SOUTHEAST ASIA ... Dry weather benefits maturing rice in Thailand. Showers interrupt rice harvesting in Vietnam and the Philippines.
7. AUSTRALIA ... Rain slows harvesting and lowers grain quality in the eastern wheat belt.
8. MEXICO ... Some rain falls along the east coast while cool, dry weather covers the northern half of the country.
9. SOUTH AMERICA ... More rain falls over portions of Argentina's major crop area, while dryness and warmer weather covers the drought-affected area of southern Brazil.
10. SOUTH AFRICA ... Increased rain and moderate temperatures favor corn in the Maize Triangle.
11. NORTHWESTERN AFRICA ... Dryness persists in Tunisia where topsoil moisture is likely sufficient for winter grain planting.

WESTERN USSR...A warming trend occurred over winter wheat areas in Belorussia and the western Ukraine. By week's end, light rain and above-normal temperatures in these areas reduced the snow cover. Weekly temperatures continued below normal in the Central Region, Black Soils, Volga Vyatsk, and Volga. However, snow cover was likely sufficient in these areas to protect winter grains from extreme cold. Winter grains remained dormant over much of the region.

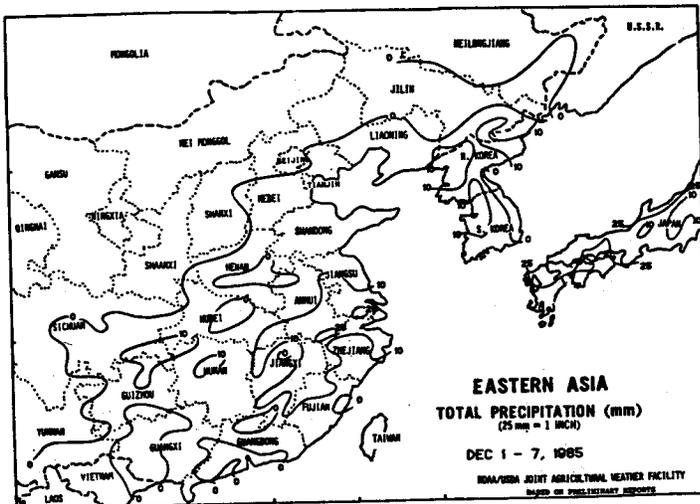




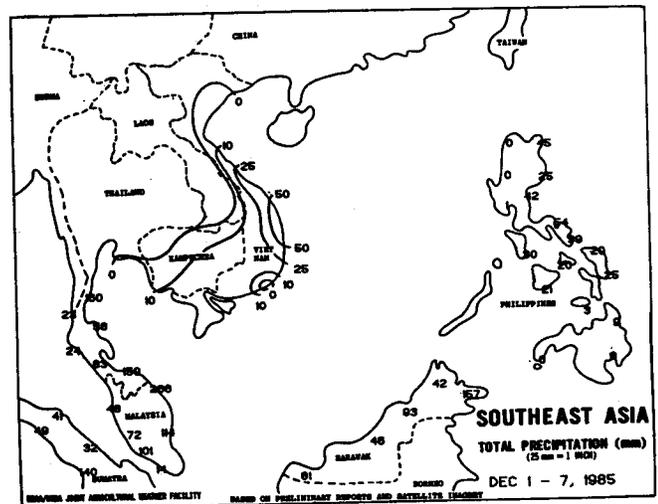
EUROPE... Warm, maritime air spread eastward across much of the region. As a result, temperatures were above normal at most locations in winter grain areas of England, France, West Germany, and East Germany. A fluctuating temperature pattern has covered these areas during the fall, creating poor hardening conditions for winter grains, making them potentially more susceptible to cold weather. Light showers in Spain caused few delays in winter grain planting, and warm weather favored emergence.



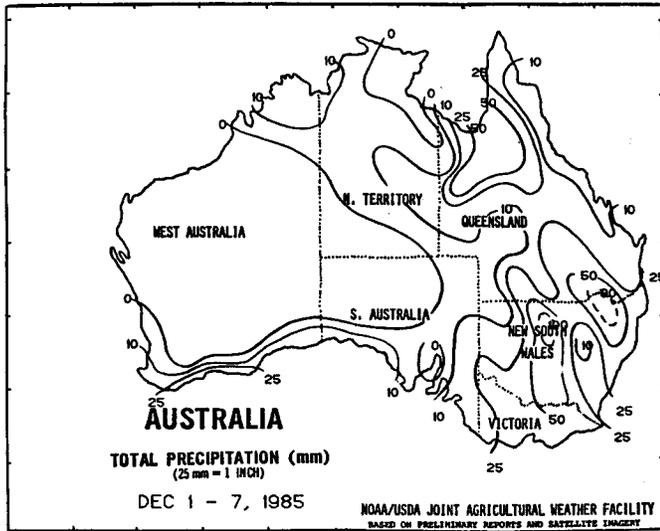
SOUTH ASIA... Following 2 weeks of mostly dry weather in the south, heavy rain returned to the southeastern coast. Heavy rain (100-250mm) and coastal flooding damaged maturing winter rice in Tamil Nadu. Seasonally dry weather covered central and northern India where wheat is in the vegetative stage.



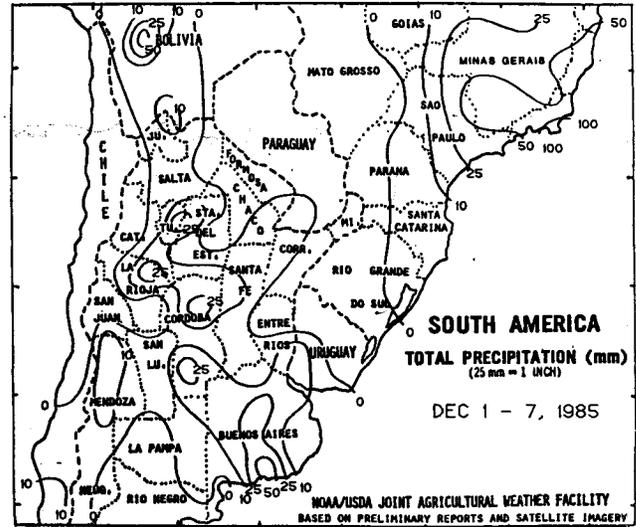
EASTERN ASIA... Cooler weather this week pushed winter wheat into dormancy a little later than normal in Hebei, Shandong, and northern Henan. Most of the southern winter wheat is semidormant where temperatures remain near normal. Much of the precipitation (1-7mm) was snow in the North China Plain late in the week. Light showers fell in southern China, but above-normal temperatures favored harvesting late rice.



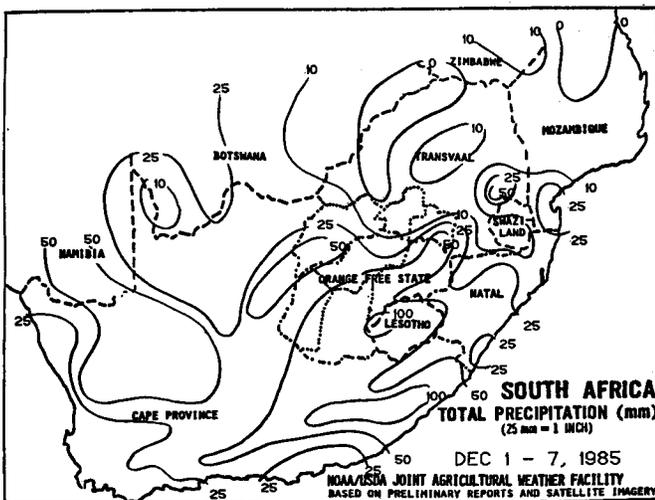
SOUTHEAST ASIA... Most of Indochina was dry this week, favoring maturing rice. Moderate rain from the remnants of Tropical Storm Gordon fell in south-central Vietnam. Moderate showers in the Philippines covered eastern and southern Luzon, interrupting lowland rice harvesting while light showers fell on the remaining islands.



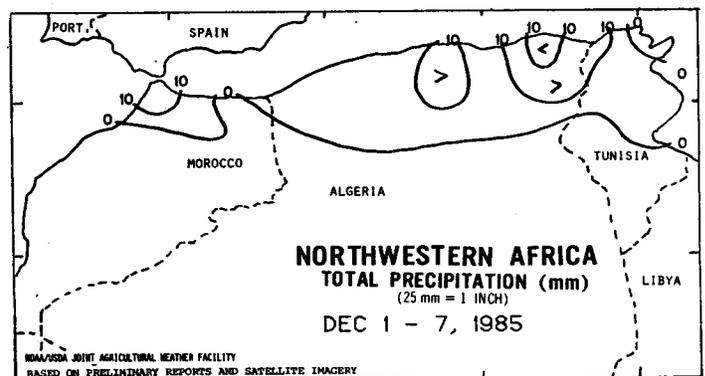
AUSTRALIA...Moderate to heavy rain continued in the eastern wheat belt. Unfavorable rain, up to 120mm, interrupted wheat harvesting in Queensland, New South Wales, and Victoria. Possible localized flooding in southern Queensland and northern New South Wales may damage wheat. Rain during the last 2 weeks has lowered grain quality in the east. However, the rain has been mostly favorable for the summer crop region. Drier weather benefited maturing wheat in South Australia and Western Australia.



SOUTH AMERICA...More rain fell over Argentina's crop areas while southern Brazil remained unfavorably dry. In Argentina, weekly rainfall totals averaged 10 to 25mm over southern Cordoba and much of Buenos Aires with locally heavier amounts (45-55mm) in south-central Buenos Aires. The previous week's dry weather allowed fieldwork to resume, following earlier wetness which delayed wheat harvesting and summer crop planting. Mostly dry weather continued this past week over southern Santa Fe and extreme northern Buenos Aires, favoring fieldwork. In Brazil, dryness persisted in Rio Grande do Sul, and a warming trend developed over the latter half of the week. The drought has caused extensive delays in soybean planting which lags substantially behind schedule. Dry weather favored fieldwork in Mato Grosso do Sul following last week's beneficial rain. More rain fell over Minas Geris and eastern Sao Paulo improving crop moisture conditions in the northern soybean and coffee areas.



SOUTH AFRICA...Moderate to heavy rain fell over much of the region. Last week, rain benefited central and northern corn areas. This week's rain (25-50mm) covered the drier southern Maize Triangle and extended into the West Transvaal and Northwest Orange Free State. Light showers (1-10mm) fell in the eastern Transvaal where moisture is adequate. The heaviest rain (up to 150mm) fell in the southeastern Cape Province. Temperatures were moderate through the week, benefiting vegetative corn growth. Rain during the last 2 weeks has improved South Africa's corn outlook, but additional rain and moderate temperatures will be essential for corn in the upcoming reproductive and grain filling stages.



NORTHWESTERN AFRICA...Dry weather covered winter grain areas in Morocco and Tunisia while light showers (less than 10mm) covered crop areas in Algeria. In Tunisia, dry weather has persisted since October, and topsoil moisture is likely insufficient for winter grain planting. Since most of the winter grain crop is usually planted during December in Tunisia, rain is needed soon for planting.

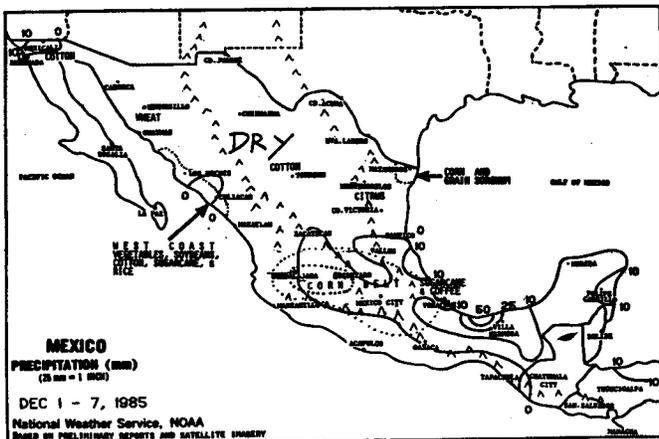
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MEXICO...Some rain fell along the southeast coast slowing the harvest of sugarcane, citrus, vegetables, and coffee. Weekly amounts were highly variable, but scattered locations south of Tampico and Veracruz received 25 to over 50mm along coastal areas. Elsewhere, minimal rain (less than 5mm) fell across the Southern Plateau corn belt. Dry weather prevailed over the northern half of the country, favoring the autumn vegetable harvest along the west coast farming region. Cool weather pushed into the northern extreme, but weekly mean temperatures averaged 10 to 15C.

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