

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service and
World Agricultural Outlook Board

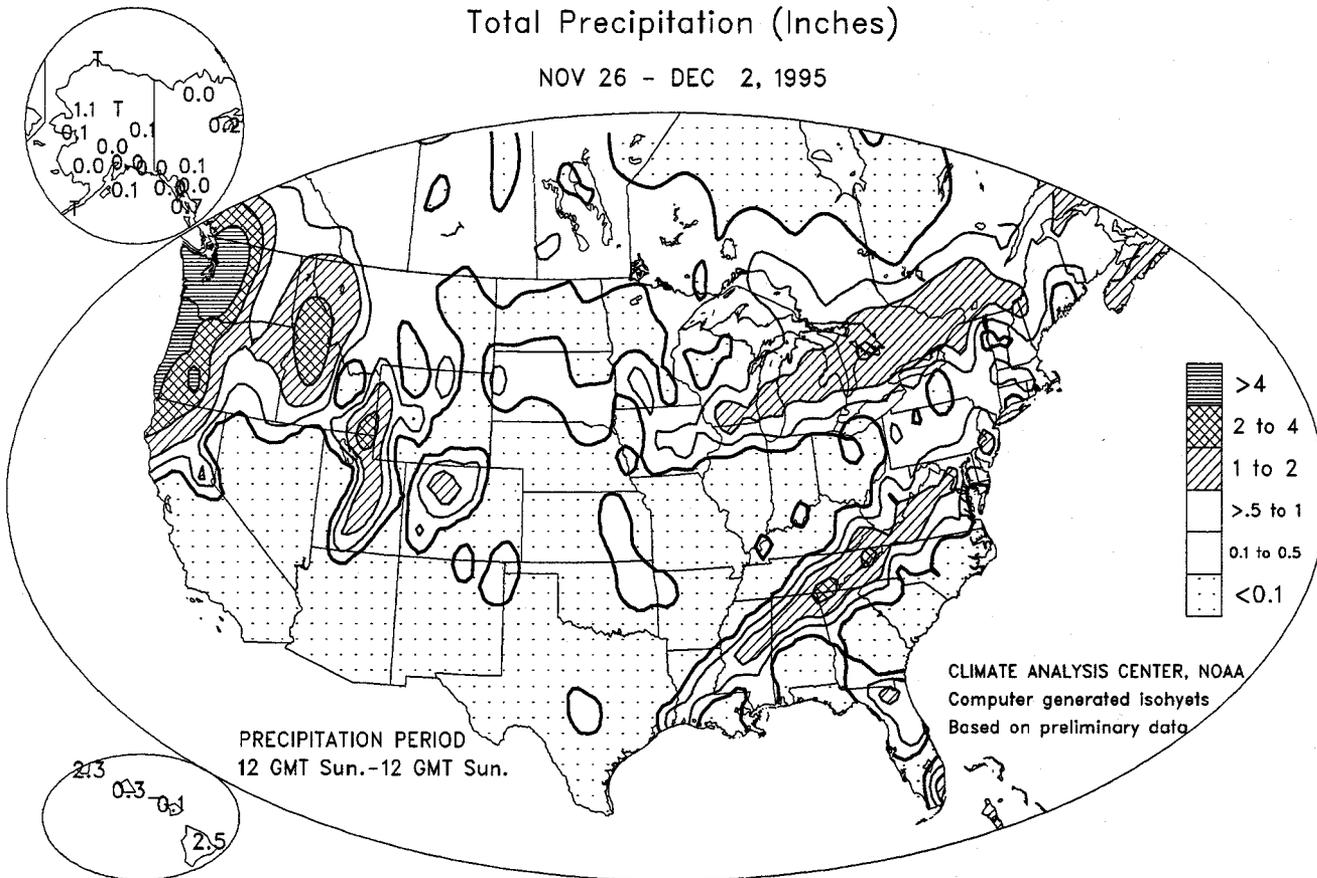
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Washington, D.C.

December 5, 1995

Total Precipitation (Inches)

NOV 26 - DEC 2, 1995



HIGHLIGHTS

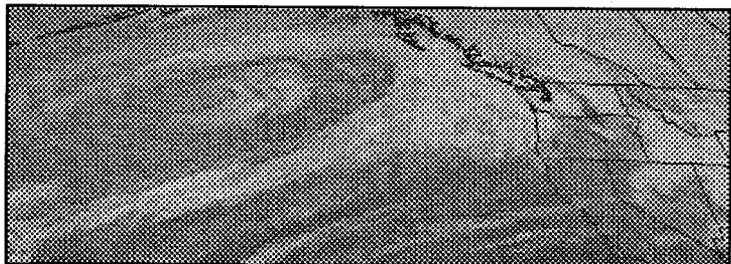
November 26 - December 2, 1995

Near-record to record flooding struck mainland western Washington after an early- to midweek deluge, while less severe flooding affected western Oregon and the northern Rockies. In contrast, a 2-month dry spell persisted in the central and southern Plains, where high winds and oscillating temperatures also hampered wheat establishment. From the Plains westward, more than 150 daily-record highs were tied or set, raising the 3-week total to more than 300. Farther east, a pair of early-week storms left swaths of snow from the Midwest to northern New England and from eastern Kentucky to southern New England. Toward week's end, a jet-stream shift ended the East's month-long cold spell and brought beneficial precipitation to areas as far south as California's Sierra Nevada and Utah's Wasatch Range.

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30; former record set on November 25, 1990). Flooding washed out the gauge along the Skykomish River near Gold Bar, preventing comparison with the 1990 record flood. Water rose to within a foot of November 1990 or December 1933 record crests at many other gauging sites, including the Snoqualmie River near Carnation, the Snohomish River at Snohomish, and the Cowlitz River at Castle Rock. Widespread minor to moderate flooding affected western Oregon (including the Willamette and lower Columbia Valleys), northern Idaho (including the Clearwater and Coeur d'Alene Valleys), and northwestern Montana.

GOES-7 IR, Nov. 29, 1995, 06:01 UTC

(Continued from front cover)

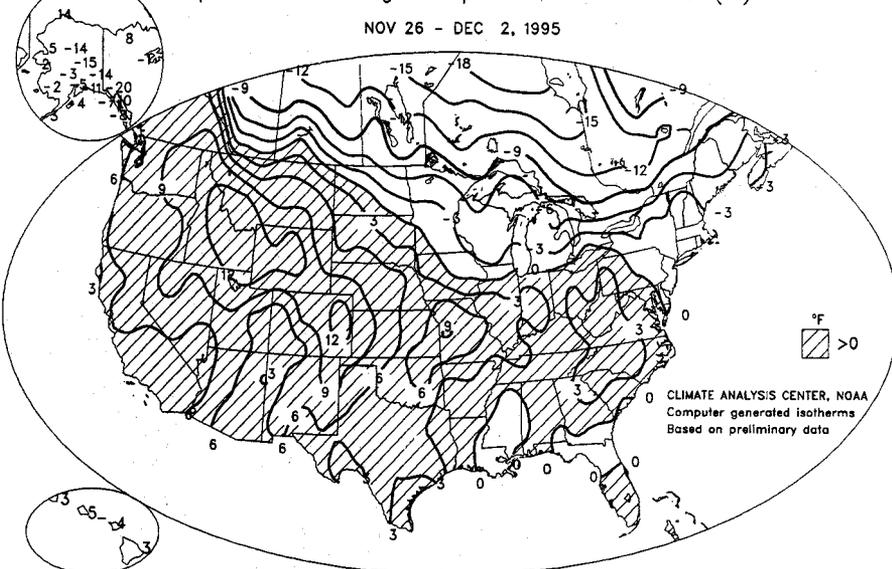
Early in the week, a storm traveled from the central Rockies to New England, dragging a strong cold front southward through the Plains. On Sunday, highs reached daily-record levels in Garden City, KS (82°F) and Midland, TX (83°F). Meanwhile, Tucson, AZ registered a 14th consecutive (and final) day of 80-degree heat, breaking their November record. Snow depths along the storm's track reached 10 inches by Tuesday morning in Alpena, MI and Green Bay and Milwaukee, WI. An inch blanketed areas as far south as Aurora, CO and Burlington, IA. Upslope and overrunning conditions deposited an inch of snow on Roswell, NM and dropped light snow on parts of Texas. The storm helped to boost monthly snowfall to 30.8 inches in Lander, WY, 41.7 inches in Houghton Lake, MI, and a November-record 25.7 inches in Muskegon, MI.

A low-pressure system formed on the storm's trailing cold front, reinforcing a surge of cold air into the Nation's mid-section. Dodge City, KS recorded a low of 7°F on Tuesday, less than 48 hours after a high of 79°F. A day later, temperatures dipped below zero as far south as Waterloo, IA (-4°F). By Thursday, cold air receded to New England, where Caribou, ME notched a monthly record low of -8°F, eclipsing the mark of -5°F set on November 30, 1989. Temperatures rebounded quickly in the Plains, however, as Dodge City warmed to 67°F by Wednesday and closed the week with a trio of 74-degree highs. Farther east, brief daily-record warmth on Tuesday (65°F in New York City; 64°F in Bridgeport, CT) yielded to midweek snow, including the first accumulations of the season in Philadelphia, PA (1.9 inches), Portland, ME (2.0 inches), and New York City (2.9 inches). The storm bolstered November-record snow totals in New York at Syracuse (34.2 inches), Binghamton (32.8 inches), and Rochester (23.4 inches). Williamsport, PA not only set a November record with 13.8 inches, but surpassed their 1994-95 seasonal total as well. On Tuesday, in advance of the storm, westerly winds gusted to 51 mph in Providence, RI.

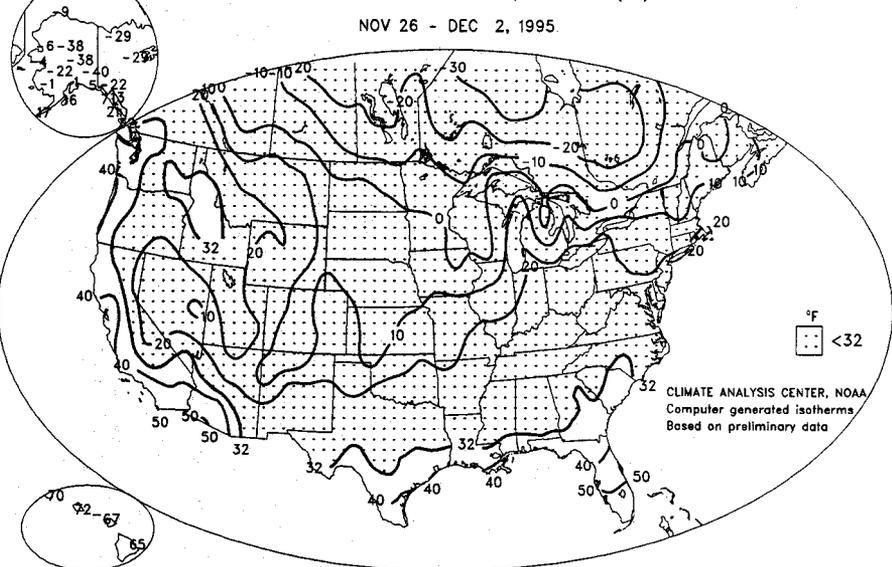
In the Northwest, weekly rainfall approached 9 inches in Astoria, OR, and topped a foot in the Washington Cascades. Astoria's monthly rainfall of 17.47 inches was a record at the current observing site. In Seattle, WA, the monthly rainfall of 10.40 inches was second only to November 1990's 10.71-inch total. Flooding resulted from a combination of the heavy rain, warmth (enhanced snow-melt runoff), and antecedent wetness (a less serious flood event peaked on November 8), and was most severe in the Puget Sound drainage basin and along a few tributaries of the lower Columbia River. In Washington, all-time record crests were established on the Skagit River at Concrete (13.6 feet above flood stage on November 29; former record set on November 27, 1949) and the Wenatchee River at Peshastin (4.9 feet above flood stage on November

East of the Washington Cascades on Tuesday, Yakima set a daily-record high (66°F), while Hanford clocked a wind gust to 45 mph. Farther east, more than 100 daily records were set on November 30 and December 1. Brigham City, UT closed out November with their ninth record high of the month, then tallied a December-record high of 66°F the following day. December records were also set in more than a dozen Utah sites, including Salt Lake City (69°F) and Zion National Park (74°F), as well as in Worland, WY (67°F). Record warmth also encompassed the Plains on the strength of west-to-southwesterly winds that on Thursday gusted to 49 mph in Cheyenne, WY and 32 mph in Dodge City. On November 30, daily records included 60°F in Bismarck, ND and 72°F in Grand Island, NE. A day later, records were set in locations such as Billings, MT (65°F) and Pueblo, CO (74°F). Highs on Saturday peaked at 76°F in Tulsa, OK and 83°F in Wichita Falls, TX. In contrast, arctic high pressure began to amass over interior Alaska, lowering the temperature to -38°F in Fairbanks at week's end. Meanwhile, the first showers of the season dampened northern California's Sacramento Valley. Downtown Sacramento, which recorded 0.03 inches of rain on December 1, marked the latest onset date for their seasonal rains, previously set on November 22, 1880.

Departure of Average Temperature from Normal (°F)



Extreme Minimum Temperature (°F)



National Weather Data for Selected Cities

Weather Data for the Week Ending December 2, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE	MAXIMUM	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	MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																			.01 INCH OR MORE	.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	63	37	71	26	50	1	.2	-.9	.2	.0	0	47.6	96	92	48	0	1	1	0	0		
MOBILE	70	42	79	34	56	0	.0	-1.1	.0	.0	0	71.4	121	93	40	0	0	0	0	0		
MONTGOMERY	67	37	79	28	52	2	.0	-1.0	.0	.0	0	38.7	77	94	44	0	3	1	0	0		
AK ANCHORAGE	20	6	25	1	13	5	.0	.2	.0	.0	0	13.7	92	71	50	0	0	0	0	0		
BARRON	14	1	28	9	14	7	.0	.0	.0	.0	0	3.1	74	88	81	0	7	1	1	0		
FAIRBANKS	-11	-26	-7	-38	-19	-15	.1	-1.1	1.1	.1	83	8.9	88	77	73	0	7	2	0	0		
JUNEAU	22	16	26	13	19	-10	.0	-1.0	.0	.0	11	.0	.0	57	42	0	7	1	0	0		
KODIAK	32	25	37	16	29	-4	.1	-1.3	1.1	.1	.0	83.4	136	64	44	0	7	1	1	0		
NOME	20	6	32	-4	13	2	.0	-1.1	1.1	.0	.0	14.8	105	87	75	0	7	1	0	0		
AZ PHOENIX	74	49	79	44	62	4	.0	.2	.0	.0	.0	9.4	139	54	17	0	0	0	0	0		
PRESIDENT	65	33	73	23	49	9	.0	-4.4	.0	.0	.0	11.3	63	54	21	0	2	0	0	0		
TUCSON	75	42	82	35	59	4	.0	-2.2	.0	.0	.0	11.0	100	50	16	0	0	0	0	0		
YUMA	78	55	82	51	67	7	.0	-1.1	.0	.0	.0	3.2	119	43	17	0	0	0	0	0		
AR FORT SMITH	63	31	75	21	47	2	.0	-.9	.0	.0	.0	35.3	93	85	41	0	3	0	0	0		
LITTLE ROCK	68	41	74	38	54	3	.0	-1.2	.0	.0	.0	33.0	73	74	35	0	0	1	1	0		
CA BAKERSFIELD	68	41	74	38	54	3	.0	-1.2	.0	.0	.0	7.9	153	74	35	0	0	0	0	0		
KUREKA	60	45	65	38	53	2	1.7	.1	1.3	1.3	307	41.0	128	93	49	0	0	5	1	1		
FRESNO	66	40	69	36	53	4	.0	-.3	.0	.0	.0	15.2	165	77	22	0	0	0	0	0		
LOS ANGELES	73	53	82	51	63	4	.0	-4.4	.0	.0	.0	21.1	202	79	25	0	0	0	0	0		
REDDING	64	41	69	35	53	5	.5	-.8	.5	.5	151	47.4	169	93	47	0	0	1	1	1		
SACRAMENTO	68	45	71	41	56	3	.0	-6.6	.0	.0	25	23.9	157	88	39	0	0	1	0	0		
SAN DIEGO	72	53	80	50	63	8	.0	-4.4	.0	.0	.0	16.2	191	82	23	0	0	0	0	0		
SAN FRANCISCO	65	49	70	48	57	5	.0	-7.7	.0	.0	6	21.1	126	87	48	0	0	1	0	0		
CO DENVER	58	33	70	16	45	11	.1	-1.1	1.1	.0	.0	16.0	108	70	29	0	3	1	0	0		
GRAND JUNCTION	51	25	58	23	38	2	.0	-1.1	.0	.0	.0	9.6	99	71	39	0	7	1	0	0		
PUEBLO	64	26	74	7	45	10	.0	-1.1	.0	.0	.0	15.4	142	67	21	0	6	1	0	0		
CT BRIDGEPORT	46	32	64	21	39	-1	.3	-6.6	.2	.1	29	31.2	81	78	50	0	4	4	0	0		
HARTFORD	44	24	63	12	34	-2	.4	-6.4	.4	.0	.0	38.6	95	82	51	0	6	1	0	0		
DC WASHINGTON	55	35	67	29	45	0	1.0	.3	.6	.0	.0	37.6	105	83	47	0	3	2	1	1		
FL PANAMA CITY	68	46	75	37	57	0	.0	-1.0	.0	.0	.0	46.0	76	97	58	0	0	1	0	0		
DAYTONA BEACH	74	53	81	47	64	1	.2	-4.4	.2	.0	.0	50.4	111	100	57	0	0	2	0	0		
JACKSONVILLE	70	45	78	36	58	-3	1.1	-.6	1.1	.0	.0	48.0	102	96	55	0	0	1	1	1		
KEY WEST	78	68	84	62	73	0	.0	-5.5	.0	.0	.0	35.7	95	88	69	0	0	0	0	0		
MIAMI	81	64	83	56	73	1	1.0	-.5	1.0	.0	.0	78.6	145	90	57	0	0	1	1	1		
ORLANDO	77	56	82	47	67	2	1.3	-.8	1.3	.0	.0	42.7	93	99	62	0	0	1	1	1		
TALLAHASSEE	70	40	77	32	55	-2	.8	-3.8	.8	.0	.0	48.7	80	98	54	0	1	2	1	1		
TAMPA	75	55	81	46	65	0	.3	-1.1	.2	.0	.0	53.1	127	94	59	0	0	2	0	0		
WEST PALM BEACH	80	61	83	53	71	0	.7	-1.4	.4	.0	.0	62.4	109	88	55	0	0	2	0	0		
GA ATLANTA	64	38	74	33	51	2	.3	-6.6	.2	.0	.0	49.2	105	90	44	0	0	2	0	0		
AUGUSTA	69	37	79	30	53	2	.0	-6.6	.0	.0	.0	43.8	106	95	41	0	3	0	0	0		
MACON	69	37	79	30	53	1	.0	-6.6	.0	.0	.0	37.8	93	97	41	0	4	0	0	0		
SAVANNAH	70	42	79	35	56	1	.0	-6.6	.0	.0	.0	50.2	108	95	48	0	0	0	0	0		
HI HILO	83	69	85	65	76	3	2.5	-.9	1.1	.7	83	81.5	69	90	65	0	0	5	2	2		
HONOLULU	86	74	87	72	80	4	.3	-5.2	.2	.0	.0	14.6	79	81	63	0	0	2	0	0		
KAHULUI	86	70	88	67	79	4	.1	-6.6	.1	.0	.0	10.9	61	80	57	0	0	1	0	0		
LIHUE	83	73	84	70	78	4	2.4	1.1	1.1	.5	152	38.2	100	88	71	0	0	3	3	3		
ID BOISE	53	37	61	30	45	10	.7	-4.4	.4	.0	.0	11.9	110	89	54	0	2	5	0	0		
LEWISTON	53	43	59	37	48	11	.7	-4.4	.4	.1	112	15.8	139	86	52	0	0	4	0	0		
POCATELLO	50	36	64	28	43	13	1.2	1.0	.8	.4	586	14.5	131	83	57	0	3	2	1	1		
IL CHICAGO	44	23	57	11	33	0	.4	-3.4	.4	.0	.0	32.3	96	85	53	0	6	1	0	0		
MOLINE	43	20	59	4	32	-1	.2	-3.3	.2	.0	.0	33.8	91	87	65	0	6	1	0	0		
PEORIA	50	26	63	16	38	4	.0	-6.6	.0	.0	.0	33.4	98	86	48	0	6	0	0	0		
QUINCY	54	29	68	14	41	5	.0	-6.6	.0	.0	.0	32.1	86	71	44	0	4	0	0	0		
ROCKFORD	39	18	55	1	29	-2	.3	-3.3	.3	.0	.0	32.2	94	95	68	0	6	1	0	0		
SPRINGFIELD	55	29	69	16	42	6	.0	-6.6	.0	.0	.0	30.1	92	79	42	0	5	0	0	0		
IN EVANSVILLE	58	30	69	24	44	1	.0	-1.0	.0	.0	.0	43.2	102	86	52	0	4	0	0	0		
FORT WAYNE	50	26	61	22	38	3	.1	-6.6	.1	.0	.0	30.5	95	84	52	0	4	0	0	0		
INDIANAPOLIS	53	29	64	22	41	4	.0	-8.8	.0	.0	.0	32.7	89	78	46	0	4	0	0	0		
SOUTH BEND	47	25	55	18	36	1	.2	-6.6	.2	.0	.0	39.9	111	86	55	0	7	1	0	0		
IA DES MOINES	44	22	61	6	33	2	.4	-.0	.4	.0	.0	30.9	94	84	57	0	5	1	0	0		
SIOUX CITY	42	21	58	5	32	3	.0	-2.2	.0	.0	.0	24.0	96	89	63	0	6	1	0	0		
WATERLOO	37	14	49	-4	26	-3	.4	-1.1	.4	.0	.0	29.3	90	93	64	0	7	1	0	0		
KS CONCORDIA	54	28	72	8	41	6	.0	-2.2	.0	.0	.0	25.4	91	70	36	0	3	0	0	0		
DODGE CITY	64	28	79	7	46	9	.0	-2.2	.0	.0	.0	18.8	90	62	24	0	3	0	0	0		
GOODLAND	61	26	72	11	43	10	.0	-1.1	.0	.0	.0	20.0	113	66	27	0	5	0	0	0		
TOPEKA	57	26	74	11	41	5	.0	-4.4	.0	.0	.0	35.8	106	79	34	0	4	0	0	0		
WICHITA	59	29	73	11	44	4	.0	-4.4	.0	.0	.0	33.8	101	74	34	0	3	0	0	0		
KY BOWLING GREEN	58	32	68	22	45	2	.0	-1.2	.0	.0	.0	37.4	81	87	51	0	3	0	0	0		
LEXINGTON	54	33	64	23	43	2	.3	-6.6	.2	.0	.0	47.4	116	80	52	0	3	2	0	0		
LOUISVILLE	56	35	67	26	45	3	.0	-9.9	.0	.0	.0	37.5	91	81	48	0	2	1	0	0		
LA BATON ROUGE	70	41	78	33	56	-1	.1	-1.1	.1	.0	.0	68.0	122	94	50	0	0	1	0	0		
LAKE CHARLES	71	47	79	36	59	2	.1	-1.0	.1	.0	.0	58.9	118	95	60	0	0	1	0	0		
NEW ORLEANS	70	45	79	37	58	0	.0	-1.2	.0	.0	.0	60.5	107	91	41	0	0	0	0	0		
SHREVEPORT	67	39	77	27	53	2	.0	-1.0	.0	.0	.0	38.8	86	88	49	0	2	0	0	0		

Based on 1961-90 normals.

Weather Data for the Week Ending December 2, 1995

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	
																						TEMP. °F	PRECIP.		
ME CARIBOU	22	9	34	-8	16	-8	.8	-.1	.4	.2	96	32.9	98	87	66	0	7	4	0	0	0	0	0		
PORTLAND	38	20	51	13	29	-4	.4	-.8	.3	.3	81	36.2	90	93	53	0	7	3	0	0	0	0	0		
MD BALTIMORE	54	33	66	27	44	2	1.0	.3	.5	.0	0	33.8	90	86	45	0	4	2	0	0	0	0	0		
SALISBURY	55	33	71	24	44	0	.2	-.5	.2	.0	0	28.9	69	88	43	0	4	1	0	0	0	0	0		
MA BOSTON	46	30	65	23	38	-2	.5	-.5	.4	.1	37	32.0	85	80	45	0	4	2	0	0	0	0	0		
CHATHAM	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MI ALPENA	32	14	39	-6	23	-7	.9	.3	.4	.1	36	23.0	86	91	68	0	7	4	0	0	0	0	0		
DETROIT	42	26	50	21	34	0	.6	.0	.6	.0	0	26.6	89	84	59	0	6	4	0	0	0	0	0		
FLINT	38	22	46	10	30	-3	.7	-.1	.7	.0	0	23.3	82	85	67	0	7	1	0	0	0	0	0		
GRAND RAPIDS	39	24	47	18	31	-2	.6	-.1	.6	.0	5	33.7	101	90	73	0	7	3	0	0	0	0	0		
HOUGHTON LAKE	31	18	38	-5	25	-5	1.5	1.0	.7	.1	86	29.6	112	90	71	0	7	3	0	0	0	0	0		
LANSING	40	21	47	17	30	-1	.6	.0	.5	.2	0	24.1	82	93	64	0	7	2	0	0	0	0	0		
MARQUETTE	28	15	35	8	21	-3	.7	-.1	.2	.2	133	36.7	112	91	65	0	7	6	0	0	0	0	0		
MUSKOGON	38	24	48	21	31	-3	.7	-.1	.6	.0	0	27.7	93	88	70	0	7	2	0	0	0	0	0		
SALT ST. MARIE	27	12	35	4	19	-7	.8	-.1	.4	.0	240	40.1	127	86	62	0	7	4	0	0	0	0	0		
MN ALEXANDRIA	29	12	53	1	21	0	.0	-.2	.0	.0	0	26.5	106	93	71	0	7	0	0	0	0	0	0		
DULUTH	24	8	38	-4	16	-4	.4	-.3	.2	.0	44	32.8	114	87	63	0	7	3	0	0	0	0	0		
INT'L FALLS	17	1	28	-9	9	-7	.3	-.1	.2	.0	0	23.2	98	89	69	0	7	2	0	0	0	0	0		
MINNEAPOLIS	32	16	44	2	24	-2	.3	.0	.2	.0	67	24.6	90	82	59	0	7	3	0	0	0	0	0		
ROCHESTER	32	14	45	1	23	-2	.3	.0	.2	.0	0	25.8	90	89	69	0	7	3	0	0	0	0	0		
MS GREENWOOD	65	38	76	29	51	1	.0	-.3	.0	.0	0	32.8	67	89	41	0	2	1	0	0	0	0	0		
JACKSON	65	37	77	29	51	0	1.4	-.1	1.4	.0	0	53.5	109	93	47	0	3	2	0	0	0	0	0		
MERIDIAN	66	35	76	28	51	-1	.2	-.1	.2	.0	0	47.3	93	97	44	0	5	1	0	0	0	0	0		
MO CAPE GIRARDEAU	57	34	67	24	45	3	.0	-.1	.0	.0	0	35.8	85	88	50	0	3	0	0	0	0	0	0		
COLUMBIA	58	30	75	16	44	7	.0	-.7	.0	.0	0	46.5	128	79	42	0	4	0	0	0	0	0	0		
KANSAS CITY	57	30	72	11	44	7	.0	-.4	.0	.0	0	34.1	94	76	40	0	3	0	0	0	0	0	0		
SAINT LOUIS	59	36	73	25	48	7	.0	-.8	.0	.0	0	38.9	112	79	42	0	2	0	0	0	0	0	0		
SPRINGFIELD	60	31	71	15	45	5	.0	-.8	.0	.0	0	39.3	96	78	45	0	4	0	0	0	0	0	0		
MT BILLINGS	47	31	65	19	39	9	.4	.2	.2	.0	0	15.5	107	87	52	0	5	3	0	0	0	0	0		
GLASGOW	36	18	50	13	27	5	.1	.0	.1	.0	150	12.8	120	93	72	0	7	1	0	0	0	0	0		
GREAT FALLS	44	23	54	15	33	5	.1	.0	.1	.0	0	14.1	98	88	52	0	6	2	0	0	0	0	0		
HAVRE	39	19	51	13	29	6	.0	-.1	.0	.0	0	15.8	149	89	67	0	7	0	0	0	0	0	0		
HELENA	48	33	59	23	40	15	.3	.2	.1	.1	400	11.4	103	83	48	0	3	3	0	0	0	0	0		
KALISPELL	43	31	50	23	37	10	.9	.5	.6	.1	100	19.3	130	98	70	0	5	6	0	0	0	0	0		
MILES CITY	46	24	61	12	35	9	.1	.0	.1	.0	0	12.2	90	94	54	0	6	2	0	0	0	0	0		
MISSOULA	45	34	53	32	40	12	1.0	.7	.5	.2	317	14.8	119	93	71	0	3	7	0	0	0	0	0		
NE GRAND ISLAND	52	23	72	4	37	6	.0	-.2	.0	.0	0	23.7	97	79	43	0	6	1	0	0	0	0	0		
LINCOLN	50	22	71	2	36	4	.1	.0	.1	.0	0	23.4	85	88	45	0	6	1	0	0	0	0	0		
NORFOLK	47	25	68	3	36	7	.1	-.1	.1	.0	0	32.9	134	77	52	0	4	2	0	0	0	0	0		
NORTH PLATTE	55	21	73	8	38	8	.0	-.1	.0	.0	0	17.3	92	90	44	0	7	1	0	0	0	0	0		
OMAHA	47	24	64	6	36	4	.0	-.3	.0	.0	0	26.0	90	87	46	0	6	0	0	0	0	0	0		
SCOTTSBLUFF	56	26	70	12	41	10	.1	-.1	.1	.0	0	16.5	112	83	34	0	6	1	0	0	0	0	0		
VALENTINE	57	21	69	0	36	6	.1	-.1	.1	.0	0	21.9	100	76	42	0	5	2	0	0	0	0	0		
NV ELY	55	20	63	5	37	8	.0	-.2	.0	.0	0	10.7	112	70	28	0	7	0	0	0	0	0	0		
LAS VEGAS	66	43	74	38	54	5	.0	-.1	.0	.0	0	3.7	98	39	20	0	0	0	0	0	0	0	0		
RENO	59	29	68	18	44	8	.0	-.2	.0	.0	0	10.2	155	78	27	0	5	0	0	0	0	0	0		
WINNEMOCCA	55	31	66	13	43	10	.0	-.2	.0	.0	33	8.2	111	74	39	0	4	1	0	0	0	0	0		
NH CONCORD	40	18	54	7	29	-2	.3	-.5	.2	.2	73	36.7	110	90	53	0	7	2	0	0	0	0	0		
NJ ATLANTIC CITY	51	31	67	25	41	0	.4	-.4	.4	.0	0	34.2	92	84	48	0	4	2	0	0	0	0	0		
NM ALBUQUERQUE	62	35	74	24	48	9	.0	-.1	.0	.0	0	5.5	66	46	19	0	1	0	0	0	0	0	0		
CLOVIS	67	36	76	25	52	9	.0	-.1	.0	.0	0	9.9	58	60	19	0	2	0	0	0	0	0	0		
ROSWELL	71	34	81	28	53	7	...	...	...	...	...	...	...	...	64	20	0	3	...	...	...	...	...
NY ALBANY	40	22	54	15	31	-2	.1	-.6	.1	.0	5	31.5	94	84	56	0	7	2	0	0	0	0	0		
BINGHAMTON	37	22	48	12	29	-3	.2	-.6	.1	.1	35	31.5	92	86	62	0	7	2	0	0	0	0	0		
BUFFALO	42	28	51	20	35	-1	.4	-.5	.2	.0	16	31.2	89	85	57	0	6	5	0	0	0	0	0		
NEW YORK	50	35	65	27	43	0	.2	-.6	.2	.0	0	32.8	84	67	46	0	2	1	0	0	0	0	0		
ROCHESTER	39	27	49	20	33	-2	.2	-.4	.1	.0	21	28.6	97	93	64	0	7	4	0	0	0	0	0		
SYRACUSE	41	25	55	16	33	-2	.3	-.5	.2	.2	87	29.9	83	88	62	0	6	3	0	0	0	0	0		
NC ASHEVILLE	61	35	69	29	48	5	.5	-.5	.5	.0	0	54.0	104	88	46	0	3	1	0	0	0	0	0		
CHARLOTTE	63	40	70	32	52	4	.3	-.5	.3	.0	0	47.0	118	87	49	0	1	2	0	0	0	0	0		
GREENSBORO	61	39	69	29	50	5	.4	-.3	.4	.0	0	40.0	101	83	48	0	2	2	0	0	0	0	0		
HATTERAS	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NEW BERN	66	39	79	30	53	2	.0	-.8	.0	.0	0	29.6	58	92	44	0	3	0	0	0	0	0	0		
RALEIGH	65	39	76	29	52	5	.1	-.6	.1	.0	0	46.8	122	88	32	0	2	1	0	0	0	0	0		
WILMINGTON	66	38	78	29	52	1	.0	-.8	.0	.0	0	63.0	119	96	44	0	2	0	0	0	0	0	0		
ND BISMARCK	35	14	60	10	25	3	.0	-.1	.0	.0	0	18.3	122	93	67	0	7	0	0	0	0	0	0		
FARGO	24	8	42	-5	16	-4	.0	-.1	.0	.0	0	20.8	110	87	74	0	7	0	0	0	0	0	0		
GRAND FORKS	22	5	41	-7	13	-5	.1	.0	.1	.0	0	25.4	143	89	66	0	7	2	0	0	0	0	0		
WILLISTON	32	13	45	-1	23	3	.3	.2	.2	.1	167	14.3	109	93	73	0	7	4	0	0	0	0	0		
OH AKRON-CANTON	46	29	56	20	37	1	.1	-.7	.1	.0	0	33.7	99	83	56	0	5	1	0	0	0	0	0		
CINCINNATI	53	31	65	21	42	3	.0	-.8	.0	.0	0	40.2	105	79	48	0	4	1	0	0	0	0	0		
CLEVELAND	48	30	61	24	39	2	.1	-.7	.1	.1	38	38.0	113	86	60	0	5	3	0	0	0	0	0		
COLUMBUS	51																								

Weather Data for the Week Ending December 2, 1995

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	TEMP. °F		PRECIP.	
																		01 INCH OR MORE	.50 INCH OR MORE	01 INCH OR MORE	.50 INCH OR MORE
OH TOLEDO	48	27	58	22	38	3	.1	-.7	.0	.5	0	30.9	102	83	55	0	6	2	0	0	
OH YOUNGSTOWN	47	30	58	23	39	3	.1	-.7	.5	0	28.4	82	84	58	0	5	1	0	0	0	
OK OKLAHOMA CITY	65	34	77	22	49	5	.0	-.4	.0	0	30.8	96	79	32	0	3	0	0	0	0	
OR TULSA	64	37	76	21	50	4	.0	-.6	.0	0	40.8	106	71	36	0	2	0	0	0	0	
OR ASTORIA	54	47	57	38	50	6	8.7	6.3	3.0	1.0	139	65.8	116	97	82	0	0	7	5	0	
OR BURNS	56	29	57	21	37	8	.5	.3	.1	1.00	10.9	122	96	59	0	4	3	0	0	0	
OR MEDFORD	53	40	60	33	47	7	.1	.1	.5	.5	223	16.4	104	96	63	0	0	5	0	0	
OR PENDLETON	55	42	62	36	49	11	1.0	.8	.7	.1	109	15.5	147	88	56	0	0	5	1	0	
OR PORTLAND	55	49	58	43	52	6	3.3	1.9	1.3	.4	105	37.9	124	92	76	0	0	2	2	0	
OR SALEM	55	48	58	40	51	9	3.5	1.9	1.2	.6	125	41.7	127	97	81	0	0	7	3	0	
PA ALLENTOWN	46	26	57	15	36	2	.3	.3	.3	.0	0	35.9	89	84	50	0	6	1	0	0	
PA ERIE	46	34	60	30	40	0	.3	.3	.3	.5	0	32.0	84	79	58	0	3	0	0	0	
PA HARRISBURG	48	31	57	21	40	0	.7	.3	.3	.5	0	32.7	87	83	51	0	4	2	0	0	
PA PHILADELPHIA	50	33	66	25	41	1	.1	.3	.3	.0	0	29.4	69	77	51	0	3	0	0	0	
PA PITTSBURGH	51	32	62	25	42	4	.4	.6	.1	.5	0	27.5	80	72	51	0	5	3	0	0	
PA SCRANTON	43	24	56	9	33	-3	.4	.3	.4	.5	0	28.2	83	81	57	0	7	1	0	0	
RI PROVIDENCE	47	28	65	20	37	-1	.3	.8	.1	.1	45	36.2	87	88	47	0	5	2	0	0	
SC CHARLESTON	69	41	79	33	55	0	.7	.6	.1	.0	0	48.6	100	94	45	0	0	0	0	0	
SC COLUMBIA	67	38	78	31	53	2	.0	.0	.0	.0	0	52.8	113	94	42	0	2	0	0	0	
SC FLORENCE	69	39	80	32	54	3	.1	.6	.1	.0	0	44.4	109	96	43	0	2	1	0	0	
SC GREENVILLE	63	41	71	33	52	5	.1	.8	.1	.0	0	58.0	122	86	52	0	2	0	0	0	
SD ABERDEEN	36	15	66	7	25	3	.7	.1	.1	.5	0	23.4	113	89	63	0	7	1	0	0	
SD HURON	34	17	52	4	26	1	.3	.2	.3	.3	0	29.6	151	92	71	0	2	0	0	0	
SD RAPID CITY	47	23	69	5	35	6	.3	.2	.3	.3	0	19.4	120	87	58	0	5	1	0	0	
SD SIOUX FALLS	37	21	53	5	29	3	.3	.1	.1	.1	0	30.3	131	92	64	0	4	4	0	0	
TN CHATTANOOGA	60	34	67	28	47	1	1.5	.3	1.5	.0	0	52.4	108	93	48	0	3	1	1	1	
TN KNOXVILLE	59	35	65	28	47	3	1.5	.5	1.5	.0	0	40.5	94	88	51	0	1	1	1	1	
TN MEMPHIS	60	39	72	29	50	2	.7	-.4	.7	.0	0	50.6	108	79	45	0	2	0	0	0	
TN NASHVILLE	59	35	67	23	47	1	.7	-1.0	.7	.0	0	46.7	108	81	46	0	2	1	0	0	
TX ABILENE	68	42	82	29	55	5	.1	.2	.1	.0	0	22.9	98	80	34	0	2	1	0	0	
TX AMARILLO	67	30	80	14	49	7	.0	.1	.0	.0	0	17.6	92	64	19	0	4	0	0	0	
TX AUSTIN	70	46	80	33	58	2	.0	.5	.0	.0	0	33.2	110	96	48	0	0	0	0	0	
TX BEAUMONT	70	48	80	36	59	1	.5	.6	.5	.0	0	50.6	96	98	58	0	0	2	0	0	
TX BROWNSVILLE	76	57	83	46	67	1	.0	.3	.0	.0	0	28.0	110	92	51	0	0	0	0	0	
TX CORPUS CHRISTI	74	54	83	42	64	2	.0	.3	.0	.0	0	36.4	126	93	50	0	0	0	0	0	
TX DEL RIO	71	46	84	38	58	2	.0	.2	.0	.0	0	14.7	62	85	52	0	0	0	0	0	
TX EL PASO	69	38	75	31	53	5	.0	.1	.0	.0	0	7.9	94	47	19	0	4	0	0	0	
TX FORT WORTH	67	42	81	29	54	5	.7	.5	.7	.0	0	33.4	95	90	49	0	2	1	0	0	
TX GALVESTON	68	59	78	46	64	3	.0	.8	.0	.0	0	33.5	86	82	63	0	0	0	0	0	
TX HOUSTON	73	48	82	34	60	4	.0	.2	.0	.0	0	39.6	80	93	52	0	0	0	0	0	
TX LUBBOCK	69	33	80	24	51	6	.7	.1	.7	.0	0	18.5	102	74	23	0	3	0	0	0	
TX MIDLAND	72	38	83	30	55	6	.0	.1	.0	.0	0	10.7	73	80	19	0	1	0	0	0	
TX SAN ANGELO	70	42	83	30	56	6	.7	.2	.7	.0	0	21.0	106	86	39	0	2	0	0	0	
TX SAN ANTONIO	70	46	81	31	58	2	.0	.5	.0	.0	0	21.6	73	89	46	0	1	0	0	0	
TX VICTORIA	74	48	82	34	61	2	.0	.8	.0	.0	0	30.5	72	88	46	0	0	0	0	0	
TX WACO	68	42	81	25	55	2	.0	.5	.0	.0	0	35.3	117	93	46	0	3	0	0	0	
TX WICHITA FALLS	69	37	83	27	53	6	.0	.3	.0	.0	0	25.7	84	80	30	0	2	0	0	0	
UT CEDAR CITY	58	26	69	17	42	7	.0	.2	.0	.0	0	11.6	107	70	23	0	6	0	0	0	
UT SALT LAKE CITY	58	37	69	32	47	12	.7	.3	.7	.0	0	15.8	105	72	39	0	1	2	0	0	
VT BURLINGTON	35	19	47	7	27	-3	.3	-.4	.2	-.2	100	29.8	92	86	64	0	7	3	0	0	
VA NORFOLK	59	39	76	32	49	0	.1	-.6	.1	.0	0	34.0	82	89	46	0	1	1	0	0	
VA RICHMOND	58	33	74	24	45	0	.3	-.5	.3	.0	0	32.7	82	83	37	0	3	1	0	0	
VA ROANOKE	59	36	66	27	47	4	1.3	.6	.9	.0	0	38.1	99	77	40	0	3	2	1	1	
WA QUILLAYUTE	51	43	55	35	47	5	5.6	2.0	1.9	.4	37	90.9	100	98	89	0	0	7	3	0	
WA SEATTLE-TACOMA	51	45	56	37	48	6	3.8	2.4	1.4	.7	167	36.9	116	94	82	0	0	6	2	0	
WA SPOKANE	46	34	53	27	40	10	.7	.1	.3	.3	156	19.6	138	93	74	0	3	4	0	0	
WA YAKIMA	55	30	66	26	43	9	.2	-.1	.2	.0	0	7.4	111	90	57	0	5	1	0	0	
WV BECKLEY	52	34	61	26	43	4	.2	-.5	.1	.0	0	38.5	101	81	45	0	4	3	0	0	
WV CHARLESTON	56	34	67	25	45	3	.5	-.4	.5	.0	0	42.8	109	84	55	0	5	1	0	0	
WV HUNTINGTON	55	36	65	28	46	6	.2	-.7	.2	.0	0	39.3	98	76	48	0	4	2	0	0	
WV PARKERSBURG	54	33	63	25	43	4	.7	-.7	.7	.0	0	..	..	86	50	0	5	0	0	0
WI GREEN BAY	33	16	40	4	24	-3	1.2	.8	1.0	.7	0	29.2	106	88	65	0	7	3	1	1	
WI LACROSSE	34	17	43	3	25	-3	.5	.2	..	..	0	29.4	100	88	59	0	7	..	..	..
WI MADISON	35	15	43	..	25	-4	1.3	.9	1.3	.0	0	32.8	107	84	66	0	7	1	1	1	
WI MILWAUKEE	38	22	46	10	30	-1	1.1	.5	1.1	.2	0	30.1	98	86	68	0	6	1	1	1	
WI WAUSAU	31	13	39	..	22	-4	.3	-.1	.2	.0	0	32.9	104	85	56	0	7	2	0	0	
WY CASPER	50	30	63	16	40	12	.2	.0	.1	.0	0	18.6	157	77	46	0	4	2	0	0	
WY CHEYENNE	51	30	61	11	40	9	.7	-.1	.7	.0	0	19.8	142	66	36	0	3	0	0	0	
WY LANDER	49	28	60	12	38	13	1.2	1.1	.7	.7	0	19.3	154	78	41	0	5	2	2	0	
WY SHERIDAN	49	26	71	11	38	11	.4	.2	.3	.3	0	17.0	123	90	54	0	5	3	0	0	
PR SAN JUAN	87	74	88	72	81	2	.4	-.9	.3	.3	71	52.1	109	91	61	0	0	4	0	0	

Based on 1961-90 normals.

TEMPERATURE AND PRECIPITATION SUMMARY

November 1995

STATES AND STATIONS	Temp. °F		Precip.		STATES AND STATIONS	Temp. °F		Precip.		STATES AND STATIONS	Temp. °F		Precip.	
	AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE		AVERAGE	DEPARTURE	TOTAL	DEPARTURE
AL BIRMINGHAM	48	-5	5.9	1.5	LA BATON ROUGE	58	-2	5.4	1.1	OK YOUNGSTOWN	36	-5	1.6	-1.5
AL HUNTSVILLE	46	-5	5.2	0.3	LA LAKE CHARLES	61	1	7.0	2.8	OK OKLAHOMA CITY	49	0	0.4	-1.6
AL MOBILE	57	-3	8.0	4.0	LA NEW ORLEANS	60	-1	4.2	-0.2	OK TULSA	49	-1	0.2	-2.9
AK MONTGOMERY	51	-5	3.1	-0.7	LA SHRVEPORT	55	0	1.9	-2.2	OR ASTORIA	51	4	17.5	7.4
AK ANCHORAGE	21	0	0.1	-1.0	ME CARIBOU	28	-2	5.0	1.5	OR BURNS	39	5	0.7	-0.7
AK BARROW	5	6	0.2	-0.1	ME PORTLAND	36	-3	7.3	2.1	OR MEDFORD	49	5	1.3	-2.0
AK FAIRBANKS	-2	-5	0.2	-0.6	MD BALTIMORE	43	-4	4.1	0.8	OR PENDLETON	46	5	2.2	0.6
AK JUNEAU	32	0	2.2	-2.8	MD SALLISBURY	43	-5	3.7	0.5	OR PORTLAND	52	6	11.3	5.9
AK KODIAK	34	0	2.2	-3.7	MA BOSTON	42	-4	5.1	0.9	PA SALEM	51	6	9.1	2.8
AK NOME	16	0	0.4	-0.6	MA CHATHAM	--	--	--	--	PA ALLENTOWN	37	-6	3.6	-0.2
AZ FLAGSTAFF	42	5	0.3	-1.6	MI ALPENA	29	-6	4.0	1.8	PA ERIE	38	-5	4.8	0.8
AZ PHOENIX	67	5	1.8	1.1	MI DETROIT	35	-5	3.2	0.6	PA HARRISBURG	40	-4	3.7	0.1
AZ PRESCOTT	53	8	0.1	-1.4	MI FLINT	32	-7	3.0	0.4	PA PHILADELPHIA	43	-3	3.3	-0.6
AZ TUCSON	63	4	0.9	0.2	MI GRAND RAPIDS	32	-6	4.4	1.0	PA PITTSBURGH	38	-4	2.7	-0.1
AZ WINSLOW	48	4	0.5	0.0	MI HOUGHTON LAKE	29	-6	4.9	2.6	PA SCRANTON	36	-6	3.6	0.6
AZ YUMA	71	7	T	-0.2	MI LANSING	32	-5	3.4	0.8	PA WILLIAMSPORT	36	-6	4.0	0.3
AR FORT SMITH	49	-2	2.1	-1.9	MI MARQUETTE	23	-7	3.0	0.1	RI PROVIDENCE	41	-3	4.7	0.3
AR LITTLE ROCK	50	-2	2.3	-2.9	MI MUSKEGON	32	-7	4.8	1.7	SC CHARLESTON	54	-5	2.0	-0.5
CA BAKERSFIELD	60	4	0.0	-0.7	MI SAULT ST. MARIE	26	-7	3.8	0.4	SC COLUMBIA	51	-4	2.9	0.0
CA BISHOP	--	--	--	--	MN ALEXANDRIA	23	-6	0.2	-1.0	SC FLORENCE	52	-3	1.2	-1.3
CA EUREKA	54	2	2.3	-4.2	MN DULUTH	21	-8	1.8	0.0	SC GREENVILLE	47	-5	5.1	1.5
CA FRESNO	59	5	0.0	-1.4	MN INT'L FALLS	15	-10	1.3	0.2	SD ABERDEEN	26	-4	0.2	-0.5
CA LOS ANGELES	63	1	0.1	-1.7	MN MINNEAPOLIS	27	-6	0.9	-0.7	SD HURON	28	-4	0.5	-0.2
CA REDDING	57	6	0.3	-5.0	MN ROCHESTER	26	-7	0.7	-0.9	SD RAPID CITY	34	-1	0.4	-0.2
CA SACRAMENTO	59	6	T	-2.7	MN ST. CLOUD	24	-6	--	--	SD SIOUX FALLS	29	-4	0.4	-0.7
CA SAN DIEGO	63	1	0.3	-1.2	MS GREENWOOD	51	-3	1.3	-3.7	TN BRISTOL	41	-6	5.3	2.4
CA SAN FRANCISCO	58	4	T	-2.8	MS JACKSON	52	-3	6.2	1.4	TN CHATTANOOGA	45	-6	5.8	1.2
CA SANTA MARIA	59	4	0.3	-1.1	MS MERIDIAN	47	-5	4.8	0.4	TN KNOXVILLE	44	-5	6.2	2.5
CO ALAMOSA	33	3	0.2	-0.2	MS TUPELO	51	-5	5.0	0.1	TX MEMPHIS	48	-4	7.4	2.3
CO CO. SPRINGS	42	4	T	-0.5	MO CAPE GIRARDEAU	43	-5	2.8	-1.1	TX NASHVILLE	44	-6	4.0	-0.1
CO DENVER	43	4	0.3	-0.6	MO COLUMBIA	40	-4	1.3	-1.9	TX ABILENE	54	0	0.3	-1.2
CO GRAND JUNCTION	44	1	0.2	-0.7	MO KANSAS CITY	40	-3	1.2	-0.8	TX AMARILLO	48	2	0.1	-0.6
CO PUEBLO	41	1	0.1	-0.3	MO SAINT LOUIS	43	-4	1.3	-2.0	TX AUSTIN	59	-2	3.2	0.8
CT BRIDGEPORT	42	-4	4.3	0.5	MO SPRINGFIELD	43	-3	0.8	-3.0	TX BEAUMONT	61	0	4.7	-0.1
CT HARTFORD	38	-4	4.4	0.3	MT BILLINGS	39	4	0.4	-0.4	TX BROWNSVILLE	68	-1	1.8	0.3
DC WASHINGTON	43	-7	4.8	1.6	MT GREAT FALLS	27	-2	0.4	0.1	TX CORPUS CHRISTI	65	0	3.5	1.9
FL PANAMA CITY	58	-2	1.2	-2.8	MT HAVRE	29	-1	0.6	0.2	TX DEL RIO	61	1	1.2	-0.1
FL DAYTONA BEACH	63	-3	1.4	-1.4	MT HELENA	34	2	0.5	0.1	TX EL PASO	55	3	0.3	-0.2
FL FT. MYERS	69	-2	0.6	-1.0	MT KALISPELL	33	2	2.9	1.6	TX FORT WORTH	55	0	0.7	-1.7
FL JACKSONVILLE	58	-7	3.2	0.8	MT MILLS CITY	33	1	0.4	-0.2	TX GALVESTON	65	1	1.8	-1.6
FL KEY WEST	75	0	T	-2.8	MT MISSOULA	37	4	1.8	1.0	TX HOUSTON	61	1	3.6	-1.6
FL MIAMI	74	0	2.5	-0.1	NE GRAND ISLAND	37	-1	0.3	-0.7	TX LAREDO	--	--	--	--
FL ORLANDO	66	-3	1.7	-0.6	NE LINCOLN	35	-4	0.8	-0.4	TX LUBBOCK	51	2	T	-0.8
FL TALLAHASSEE	56	-4	3.4	-0.5	NE NORFOLK	35	-1	0.7	-0.3	TX MIDLAND	55	1	T	-0.7
FL TAMPA	65	-2	1.2	-0.5	NE NORTH PLATTE	39	3	0.1	-0.6	TX SAN ANGELO	55	0	1.7	0.6
FL WEST PALM BEACH	71	-2	1.5	-2.0	NE OMAHA	34	-4	0.6	-0.9	TX SAN ANTONIO	59	-1	0.8	-1.8
GA ATHENS	50	-3	5.0	1.4	NE SCOTTSBLUFF	39	3	0.4	-0.2	TX VICTORIA	63	0	2.5	-1.2
GA ATLANTA	48	-5	7.4	3.6	NE VALENTINE	37	1	0.1	-0.8	TX WACO	55	-3	1.6	-0.9
GA AUGUSTA	51	-5	2.2	-0.3	NV ELKO	39	3	0.4	-0.7	TX WICHITA FALLS	53	0	0.1	-1.6
GA MACON	51	-5	1.8	-0.9	NV ELY	40	6	T	-0.7	UT BLANDING	--	--	--	--
GA SAVANNAH	56	-4	1.3	-0.9	NV LAS VEGAS	60	5	0.0	-0.4	UT CEDAR CITY	46	6	0.2	-0.8
HI HILO	76	2	8.5	-6.0	NV RENO	46	6	0.2	-0.7	UT SALT LAKE CITY	46	5	0.8	-0.4
HI HONOLULU	80	3	3.6	0.6	NH WINNEMUCCA	43	6	0.1	-0.8	VT BURLINGTON	35	-2	3.3	0.2
HI KAHULUI	78	2	0.9	-1.7	NH CONCORD	34	-3	5.6	1.9	VA LYNCHBURG	43	-5	3.0	-0.1
HI LIHUE	77	1	16.1	10.7	NJ ATLANTIC CITY	41	-4	4.1	0.5	VA NORFOLK	48	-5	2.9	0.1
ID BOISE	44	5	2.2	0.7	NM ALBUQUERQUE	51	7	T	-0.4	VA RICHMOND	44	-6	2.9	-0.3
ID LEWISTON	45	4	1.4	0.2	NM CLOVIS	51	4	T	-0.7	VA ROANOKE	43	-5	3.4	0.2
ID POCAHELLO	42	7	1.3	0.1	NY ROSWELL	54	3	--	--	WA COLVILLE	--	--	--	--
IL CAIRO	--	--	--	--	NY ALBANY	35	-4	3.4	0.2	WA QUILLAYUTE	47	3	20.6	5.9
IL CHICAGO	33	-7	3.6	0.7	NY BINGHAMTON	32	-6	3.7	0.4	WA SEATTLE-TACOMA	49	4	10.4	4.5
IL MOLINE	32	-7	3.2	0.7	NY BUFFALO	36	-4	4.1	0.3	WA SPOKANE	40	5	1.5	-0.7
IL PEORIA	34	-7	2.4	-0.3	NY NEW YORK	45	-2	4.4	0.6	WA WALLA WALLA	47	4	--	--
IL QUINCY	37	-6	2.0	-0.8	NY ROCHESTER	35	-5	4.2	1.3	WV YAKIMA	41	3	1.5	0.5
IL ROCKFORD	30	-8	2.8	0.2	NY SYRACUSE	35	-5	5.0	1.3	WV BECKLEY	38	-6	3.8	0.8
IL SPRINGFIELD	38	-5	1.4	-1.2	NC ASHVILLE	43	-4	3.7	-0.6	WV CHARLESTON	41	-6	3.2	-0.4
IN EVANSVILLE	41	-7	2.3	-1.8	NC CHARLOTTE	47	-5	5.0	1.8	WV ELKINS	36	-5	3.6	0.3
IN FORT WAYNE	36	-6	2.2	-0.6	NC GREENSBORO	45	-5	3.5	0.5	WV HURTINGTON	41	-3	2.2	-1.4
IN INDIANAPOLIS	37	-6	2.6	-0.6	NC HATTERAS	--	--	6.6	1.7	WV PARKERSBURG	40	-5	1.1	-1.7
IN SOUTH BEND	35	-6	4.4	1.1	NC NEW BERN	51	-4	2.4	-0.8	WI GREEN BAY	28	-7	3.3	1.2
IA DES MOINES	33	-5	1.6	-0.3	NC RALEIGH	47	-4	4.7	1.7	WI LACROSSE	29	-7	1.5	-0.3
IA DUBUQUE	29	-7	2.4	-0.3	NC WILMINGTON	51	-4	1.6	-1.7	WI MADISON	29	-8	3.2	1.0
IA SIOUX CITY	32	-5	0.6	-0.4	MD BISMARCK	25	-3	0.5	0.0	WI MILWAUKEE	39	-7	3.4	0.9
IA WATERLOO	30	-6	1.6	-0.2	MD FARGO	21	-7	1.0	0.3	WI WAUSAU	25	-8	1.0	-2.0
KS CONCORDIA	40	-2	0.5	-0.6	MD GRAND FORKS	20	-7	1.3	0.7	WY CASPER	37	4	0.6	-0.2
KS DODGE CITY	45	2	T	-0.8	MD WILLISTON	25	-2	0.8	0.3	WY CHEYENNE	38	3	0.2	-0.3
KS GOODLAND	42	4	0.3	-0.4	OR AKRON-CANTON	35	-7	1.8	-1.2	WY LANDER	38	7	1.5	0.7
KS TOPEKA	40	-3	0.7	-1.3	OR CINCINNATI	37	-7	2.2	-1.3	WY SHERIDAN	35	3	0.7	-0.1
KS WICHITA	44	-2	0.1	-2.0	OR CLEVELAND	38	-4	3.9	0.7	PR SAN JUAN	81	1	3.0	-2.9
KY BOWLING GREEN	42	-5	3.0	-1.5	OR COLUMBUS	38	-4	2.5	-0.8					
KY JACKSON	42	-6	4.1	-0.1	OR DAYTON	36	-7	2.3	-0.8					
KY LEXINGTON	40	-7	3.2	-0.2	OR MANSFIELD	36	-5	4.2	0.6					
KY LOUISVILLE	41	-6	2.4	-1.3	OR TOLEDO	37	-3	3.1	0.3					
KY PADUCAH	42	-5	2.7	-1.7										

Based on 1961-90 normals.

National Agricultural Summary

HIGHLIGHTS for November 27 - December 3, 1995

Continued dry weather and record-high temperatures in the Southwestern States left small grain fields in critical need of moisture. In the central Great Plains, small grain emergence and growth were delayed or suspended by the continued dry conditions. Heavy

rains in the Pacific Northwest caused rivers to overflow and some saturated fields to flood. In Florida, mild weather was suitable for the vegetable harvest but left citrus groves in need of moisture. Florida's tangerine harvesting for the holidays was increasing.

The **winter wheat** crop in the 19 major producing States was 93 percent (%) emerged, 3 percentage points behind last year at this time and 1 point behind the average. Wheat condition in most States was good to fair, except in the southern Great Plains where the continued lack of rainfall left many nonirrigated fields in serious need of moisture. Snowfall in parts of Texas brought much-needed moisture to wheat fields.

Cotton harvested at 89% complete was up 5 points from last week and 1 point ahead of normal. Cotton harvested in Oklahoma at 79% complete was up 17 points from the previous week. Cotton harvesting was delayed by showers in the Southeast. Cotton harvesting neared completion in California, where harvested fields were shredded and disced for pink bollworm control and program compliance. Snow in central Texas slowed the cotton harvest, but for the State, 78% of the cotton harvest was complete, up 7 points from last week.

Winter Wheat Percent Emerged				
	Nov 26 1995	Prev Week	Prev Year	5-Yr Avg
AR	98	83	94	90
CA	25	15	29	30
CO	99	98	100	100
GA	53	37	40	46
ID	97	94	99	98
IL	99	98	100	98
IN	100	99	100	98
KS	97	96	100	97
MI	100	100	100	99
MO	98	93	90	89
MT	92	91	95	94
NE	100	100	100	100
NC	61	56	80	72
OH	100	100	100	100
OK	90	87	99	93
OR	95	91	95	97
SD	97	96	100	100
TX	83	81	89	89
WA	100	98	98	99
ALL	93	90	96	94
These 19 States produced 92% of the 1994 winter wheat crop.				

Cotton Percent Harvested				
	Nov 26 1995	Prev Week	Prev Year	5-Yr Avg
AL	98	96	93	95
AZ	90	85	99	98
AR	100	100	100	100
CA	95	90	99	99
GA	88	85	82	90
LA	100	100	100	100
MS	100	100	99	99
MO	100	98	98	98
NM	85	74	94	79
NC	89	79	93	90
OK	79	62	87	70
SC	86	75	87	93
TN	99	94	99	99
TX	78	71	82	76
ALL	89	84	90	88
These 14 States produced 99% of the 1994 cotton crop.				

Winter Wheat Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	0	0	75	25
CA	0	0	30	70	0
CO	3	5	26	60	6
GA	0	0	16	83	1
ID	0	0	10	75	15
IL	2	6	34	54	4
IN	0	5	31	47	16
KS	4	20	40	33	3
MI	1	4	19	58	18
MO	3	16	49	31	1
MT	0	2	17	69	12
NE	0	2	42	54	2
NC	0	4	32	58	6
OH	0	1	24	61	14
OK	2	17	51	30	0
OR	0	0	4	96	0
SD	0	2	16	74	8
TX	6	18	52	22	2
WA	0	3	18	68	11
ALL	3	12	36	44	5
Prev Wk	2	11	35	47	5
Prev Yr	NA	NA	NA	NA	NA

VP - Very Poor
P - Poor
F - Fair
G - Good
EX - Excellent

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 NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at "http://www.usda.gov/nass/".

ALABAMA: Rainfall 0.01 to 1.76 in. north; 0.13 to 2.53 in. central; none to 0.20 in. south. Temperatures 2° below normal to 5° above normal statewide. Lows 21 to 34° north, 24 to 34° central; 23 to 34° south. Highs 66 to 78° north, 65 to 81° central; 76 to 82° south.

Days suitable for fieldwork 5.0. Topsoil 7% short, 81% adequate, 12% surplus. Sorghum harvested 88%, 97% 1994, 99% avg. Wheat planted 76%, 86% 1994, 84% avg. Activities: Harvesting row crops, vegetables. General care of livestock, poultry, catfish.

ARIZONA: Temperatures 3 to 8° above normal. Extremes 13°; 79° higher elevations; 26°; 88° deserts. No precipitation reported.

Cotton harvest continues late into the season. Alfalfa 5% very poor, 5% poor, 22% fair, 63% good, 5% excellent. Harvest 22% light, 12% moderate, 14% active, 52% finished or between cuttings. Sheepling off active. Broccoli, head lettuce, mixed greens, green onions, cabbage, spinach, leeks, rapini, swiss chard, leaf lettuce, beets, radishes, romaine, kale, kohlrabi, napa, sweet corn were shipped central areas fields. Tomatoes, dry onions were harvested eastern areas. Vegetables shipped from western areas included head lettuce, cauliflower, broccoli, romaine, leaf lettuce, cabbage, radichio, spinach, escarole, endive, kale, napa, winter squash, mixed greens, radishes, rapini, watermelon, celery, carrots, bok choy. Grapefruit, lemon harvest continued central, western areas. Navel oranges, tangerines were shipped from central areas. Pecan harvest winding down eastern areas. Pasture, range conditions further deteriorating. Supplemental feed, or moving or culling of herds continues. Cattle, calves continued to be rated fair to good condition. Stock water supplies short; soil moisture short. Insect damage very light.

ARKANSAS: Temperatures at or above normal with no rainfall across most of the State. Extremes 14°; 81°. Precipitation none to 0.05 in.

Main farm activities: Ginning cotton, harvesting soybeans, planting wheat, oats. Ginning cotton continued with gins running twenty-four hours a day. A number of gins have completed ginning for the season. Soybean harvest ended. Wheat, oats planting completed also. A minor insect problem was reported in wheat. Both, wheat, oats, are reported to be in good to excellent condition. Hipping land was reported by Lafayette county. Cattle were in good to excellent condition. Hay feeding proceeded.

CALIFORNIA: Area high pressure hovered over State much of week; brought well above normal temperatures, all areas. Occasional weak systems brushed far north after midweek. Some moderate precipitation, far north coast. Low clouds, fog along coast became dense enough at times to bring drizzle, portions of central coast.

Field activities progressed normally under favorable conditions most areas. Cotton harvest neared completion. Harvested fields, shredded, disced to meet compliance deadlines, pink bollworm control. Rice harvest complete. Rice stubble flooded, incorporated, burned where air quality regulations allowed. Ground preparation small grains, forage crops, new alfalfa ongoing. Wheat, barley, alfalfa, sugar beets planted where soil moisture conditions permitted. Newly seeded dryland small grain fields badly needed rain. Harvests corn, sorghum for grain, virtually complete. Established alfalfa cut, baled. Pruning nut, stone fruit orchards, grape vineyards remained active. Pecan, persimmon harvests continued. Some Satsuma mandarin, tangerine orchards harvested, San Joaquin Valley. Kiwifruit harvest neared completion. Navel orange growers had trouble finding mature fruit to harvest. Lemon, grapefruit harvests continued. Oranges, pommelos exported, Japan, Philippines, Australia, Russia, New Zealand, Tahiti. Cauliflower harvested, Monterey, San Luis Obispo counties. Lettuce harvested; good quality, low prices. Lettuce neared completion, San Joaquin Valley. Cabbage harvesting continued, Tulare County. Carrots harvested, Coastal areas, San Joaquin, Imperial valleys. Onions planted, San Joaquin Counties. Sweet potato harvest continued, Fresno County. Merced County fumigation, sweet potato seed beds underway. Broccoli picked, San Benito, Tulare, Imperial counties. Garlic, Tulare County, progressed normally. San Benito County celery harvested. Potatoes harvested, Kern County. Spinach, green onions sprayed for worms, Stanislaus County. Other crops harvested: Squash, green beans, turnips, radishes, green onions, cucumbers, eggplant, bok choy, sugar peas, peppers, oriental vegetables. Dry conditions remained, rangeland,

pastures rated mostly poor to fair. Rain needed badly to initiate forage growth. Very little rainfall has occurred, most areas. Accumulation still well below normal. Heavy supplemental feeding continued. Fall calving, lambing continued. Sheep continued grazing alfalfa fields. Livestock, good condition.

COLORADO: No weather data available.

Major farm activities: Farmers are plowing fields, marketing crops, feeding and caring for livestock, attending producer meetings. They are also preparing fences to put livestock out to graze crop residues.

DELAWARE: Precipitation 0.55 in. normal 0.77 in. Temperature 42.0°, normal 43.1°. Extremes 27°; 69°. Highs in the 60s. Lows in the upper 20s to low 30s.

Topsoil moisture mostly adequate. Subsoil moisture mostly adequate. Barley good to excellent. Wheat good to excellent. Rye mostly good to excellent. Soybeans 87% harvested, 95% 1994, 97% avg. Pasture is fair to mostly good. Hay supply short to adequate. Field crop harvest, preparations for winter.

FLORIDA: Temperatures 3 to 6° above normal Panhandle, north, central areas, 1 to 4° above normal south. Lows, lower 30° Panhandle, middle 30s Big Bend, upper 40s central, around 60° lower southeast. Highs, upper 70s north, middle 80s central, south. Rain days 1 to 2 statewide. Weekly rain 1.00 to 2.00 in. Big Bend, north, central, southeast coast, under 0.25 in. elsewhere.

Topsoil moisture short to adequate throughout State. Cotton harvest active. Haying virtually complete. Sugarcane harvest, planting active. Soybean harvest winding down. Growers planting wheat for grain. Mild weather provided nearly ideal vegetable harvest conditions, central, southern areas. Vegetable yields improving as growers pick fruit developing after wet fall weather. Producers preparing land for spring vegetable planting in some northern, central localities. Vegetable volume leaders: Tomatoes, peppers, cucumbers, squash, snap beans, sweet corn, eggplant, radishes, watermelons, endive/escarole. Most citrus groves very good to excellent condition. Rain needed, irrigation being applied. Some wit on bedded, shallow rooted groves. Some fruit softening in the drier areas. Harvest very active early and mid oranges for processing. Grapefruit movement increasing lower east coast. Tangerine, tangelo harvest increasing for holidays. Caretakers cutting cover crops, few sprays, some winter preparation still going on. Pasture 5% poor, fair 50%, good 45%. Cattle fair 25%, good 75%.

GEORGIA: Temperatures 1 to 7° above normal. Warmest upper 60s to low 70s extreme north, mostly mid 70s to 80° elsewhere. Coolest upper 20s extreme north, generally low to mid 30s elsewhere except upper 30s to low 40s near southeast coast. Rain 1 or 2 days during week most locations. Rain totals less than 0.50 in. central and south, mostly between 0.10 to 1.10 in. north except locally heavier amounts extreme northwest corner.

Days suitable for fieldwork 5.5. Soil moisture 2% very short, 14% short, 83% adequate, 1% surplus. Good weather for fall harvest. Overseeding pastures, planting small grains. Continuing harvest of cotton, soybeans. Cotton 11% poor, 70% fair, 19% good. Rye 97% planted, 94% 1994, 93% avg. Sorghum 98% harvested for grain, 96% 1994, 97% avg. Soybeans 1% very poor, 9% poor, 54% fair, 36% good; 82% harvested, 74% 1994, 87% avg. Wheat 79% planted, 61% 1994, 68% avg. Other small grains 21% fair, 78% good, 1% excellent; 92% planted, 87% 1994, 87% avg. Onions 100% good, 58% transplanted, 57% 1994, 62% avg. Other vegetables 5% very poor, 10% poor, 52% fair, 33% good. Pecans 1% very poor, 4% poor, 75% fair, 20% good; 78% harvested, 77% 1994, 79% avg. Pasture feed 1% very poor, 10% poor, 52% fair, 36% good, 1% excellent. Cattle 2% poor, 23% fair, 75% good. Hogs 3% poor, 25% fair, 72% good. Activities: Mowing cotton stalks, preparing tobacco beds, moving cattle for grazing purposes, winterizing equipment.

HAWAII: Variable conditions. Overcast skies in some areas. Winds light, variable direction. Temperatures upper 70s to mid 80s. Rainfall none to 3.50 in.

Vegetable crops fair to good condition. Orchard crops fair, additional rainfall would be welcomed in some areas.

IDAHO: Temperatures 10° above normal to 18° above normal. Precipitation 0.67 to 1.97 in. north, 0.55 to 1.22 in. southwest, 0.18 to 1.12 in. south central, 0.04 to 1.23 in. south east. All stations reported precipitation. Most areas too wet for field work especially in the north. Extremes 23°; 68°.

Days suitable for fieldwork 3.0. Hay, roughage supply 3% short, 90% adequate, 7% surplus. Corn harvested for grain 77%. Activities: Harvesting corn for grain, fall weed control, fall tillage, fertilization, marketing crops, repairing equipment, sorting and marketing calves, hauling hay, feeding and care of livestock.

ILLINOIS: Temperatures substantially over the State 1° below average to 6° above average. Precipitation 0.20 in. north to 1.00 in. south. Precipitation across the northern half of the State was close to the average, while precipitation amounts in the south represented a deficit of about 1.00 in. for these seven days.

Farmers spent their time last week applying anhydrous, dry fertilizer, cleaning fence rows, general care of livestock.

INDIANA: Light scattered showers over some areas during the weekend. Overall precipitation was minimal around the State during the week. Temperatures mostly in the 40s with a warming trend over the weekend allowing maximum temperatures to reach high 50s. Lows averaged mostly in the lower 20s with upper teens in some central, northern areas.

Favorable weather: last week allowed farmers to continue fall tillage, other field operations. Tobacco sales continue. Major activities: Fall tillage, spreading fertilizer and lime, ditching and repairing tile, attending meetings, processing tobacco, repairing and winterizing equipment, moving grain to market, chopping stalks, hauling manure, record keeping, cleaning fence rows and care of livestock.

IOWA: Moderate to heavy snow 27th central to northeast, light snow northwest, rain changing to snow southeast. Remainder of week dry except light snow far northwest 28th. Very cold through 29th morning, followed by very mild weather through the weekend. Extremes -7° 29th Fayette, Elkader; 68° 1st Glenwood. Overall, temperatures 2° below normal at Dubuque to 5° above normal at Spencer. Early week snowcover of 1 to 6 in. completely gone by 2nd afternoon. Precipitation 0.01 in. Cherokee northwest to 0.93 in. Brooklyn central; State 0.20 in., normal 0.36 in.

A few nice days of weather allowed southern area farmers to finish harvesting their corn, soybeans. Activities include: Fall tillage, fall fertilizer application, repairing and winterizing equipment, caring for livestock, marketing grain and livestock.

KANSAS: Temperature 5° above normal in most areas of the State the past week. Exceptions were the northwest where the average was 10° above normal, southeast 4° above normal. Precipitation was virtually nonexistent across the State.

Dry conditions continue to persist across the State. Wheat emergence, growth has been hampered, nearly at a standstill because of the dry conditions. Grazing is reduced in most areas because of inadequate growth. In many areas, only the irrigated wheat fields have enough growth to support grazing. Stockmen are also grazing cattle on crop residue. Supplemental feeding of livestock has been necessary in most areas because of short grazing. Stock water supplies are short or becoming mostly in the southern areas.

KENTUCKY: High temperatures upper 50s to low 60s. Lows mid 30s to low 40s. Extremes 20°; 70°. Temperatures 3 to 9° above normal. Precipitation light to none most locations. Early week light rain changed to snow. Snow southeast, none west, central. Jackson 4.00 in.; Hyden 2.00 to 3.00 in.; Cumberland a trace. Rest of week sunny, mild with light scattered rainfall on 3rd. Rainfall below normal statewide. Humidity levels low.

Soil moisture mostly adequate. Mild weather excellent for completing late season soybean harvest, aided growth of fall seeded crops. Burley stripping slowed by low humidity but still ahead of normal. Second week burley sales volume heavy, avg. price thru 30th \$184.43 per cwt. Mild weather favorable for livestock but most receiving some supplemental feeding.

LOUISIANA: Temperatures 3° below to 2° above normal. Extremes 24°, 81°. Rainfall 0.02 in. east central to 0.48 in. central.

Days suitable for fieldwork 5.8. Soil moisture 2% very short, 18% short, 71% adequate, 9% surplus. Pecans 78% harvested, 77% 1994, 76% avg. Sugarcane 69% harvested, 77% 1994, 75% avg. Sugarcane harvest picked up as drier conditions eliminated many of last week's mud problems. Sweet potatoes 98% harvested, 97% 1994, 97% avg. Sweet potato harvest neared completion with only a few fields remaining. Wheat 6% poor, 55% fair, 39% good; 91% planted, 93% 1994, 88% avg.; 84% emerged, 86% 1994, 82% avg. Winter wheat planting neared completion. Vegetables 6% very poor, 13% poor, 38% fair, 41% good, 2% excellent. Cabbage producers were active harvesting their winter crop. Livestock 6% poor, 42% fair, 49% good, 3% excellent. A few crawfish producers began early harvesting. Pasture feed 2% very poor, 18% poor, 37% fair, 41% good, 2% excellent. Livestock producers expressed concern over the small amount of grazing remaining.

MARYLAND: Precipitation 0.77 in. normal 0.79 in. Temperature 41.7°, normal 42.3°. Extremes 18°; 72°. Low temperatures mainly teens to low 30s. Highs were mainly in the low 40s to low 70s.

Topsoil moisture mostly adequate. Subsoil moisture mostly adequate. Soybeans 88% harvested, 94% 1994, 93% avg. Tobacco 44% stripped, 33% 1994, 38% avg. Barley mostly good. Rye mostly good. Wheat condition mostly good. Hay supplies mostly adequate. Pasture is fair to mostly good. Activities: Harvesting of field crops, preparations for winter.

MICHIGAN: Snowfall occurred earlier in the week in the Upper Lower Peninsula. Temperatures warmed up by the end of the week.

Corn harvest was near completion. Livestock was in good condition with feed supplies good to excellent. Major activities for the week were cleaning and repairing equipment, snow plowing, some harvesting.

MINNESOTA: No temperature or precipitation data available.

Weather conditions allowed for combining of corn on remaining fields.

MISSISSIPPI: Temperatures normal for the week. Extremes 21°; 79°. Soil temperatures 53°. Precipitation 0.32 in., 1.22 in. below normal. Rainfall throughout State from none in the upper Delta, coastal district to 1.23 in. in the central district.

Days suitable for fieldwork 5.2. Soil moisture 1% very short, 7% short, 76% adequate, 16% surplus. Pecans 84% harvested, 82% 1994, 69% avg.; 6% poor, 36% fair, 51% good, 7% excellent. Cattle 1% very poor, 5% poor, 31% fair, 53% good, 10% excellent. Main farming activities: Fall tillage, making plans for next year's crops. Producers are cleaning, preparing equipment for the 1996 crop year. Winter forages are getting the needed moisture for growth, most appear to be in good condition.

MISSOURI: Temperatures above normal across the State, 1° above normal at Caruthersville to 8° above normal at St. Louis. Dry weather prevailed, precipitation nearly non-existent.

Topsoil moisture supply, 25% very short, 37% short, 37% adequate, 1% surplus. The most severe shortages remain in the southwest district, which reports 86% very short, 9% short. West central, central, east central, south central districts report significant shortages as well. Mild, dry conditions allowed producers to wrap up fall harvesting, tillage activities. Other reported activities included general farm maintenance, repairs. Pasture, range 26% very poor, 31% poor, 34% fair, 9% good. Supply of hay, other roughages, 5% very short, 16% short, 73% adequate, 6% surplus. Stock water supplies, 23% very short, 26% short, 50% adequate, 1% surplus. Condition of livestock, 3% poor, 30% fair, 62% good, 5% excellent.

MONTANA: Temperatures were above normal across the western two thirds of the State, below normal over the eastern third. Precipitation was below normal east of the continental divide with above normal precipitation west.

Protectiveness of snow cover to winter wheat limited mostly to the northern counties of the north central, northeast districts. Wind damage to winter wheat fields rated as mostly none to light. Livestock receiving supplemental field, cattle, calves 35%; sheep, lambs 63%.

NEBRASKA: Temperatures 2 to 11° above normal across the State. Precipitation was light with amounts ranging from traces to 0.25 in.

Producer activities included fall tillage, winterizing machinery, livestock care, moving cattle to and from stalk fields.

NEVADA: Above normal to record high temperatures with little to no precipitation continued to dominate the State for the last three weeks. Weak upper air disturbances caused middle, high clouds across much of the State. As a result morning low temperatures were slightly warmer than normal, periods of wind in the north, central portions of the State. Temperatures 10 to 20° above normal throughout the State. Extremes 5° Ely; 63° Laughlin. Winnemucca received the most precipitation for the week with 0.10 in. while other locations in northern areas received less than 0.10 in.

Fall seeded crops continued to benefit from extended Fall weather. Alfalfa haying was wrapping up in the extreme south. Aftermath grazing of alfalfa fields continued in the north. Planting of new alfalfa fields, sudan haying continued in the south. Weaning, movement of livestock from Fall ranges continued. Vaccination, pregnancy testing of cows continued. Mostly open weather forestalled winter feeding needs. Main farm and ranch activities: Finishing haying, moving/working/marketing livestock, hauling hay.

NEW ENGLAND: Precipitation 0.23 to 0.66 in. north, none to 0.80 in. south. Temperatures 15 to 31° north, 30 to 39° south. Maximum temperatures 34 to 56° north, 48 to 65° south. Minimum temperatures -8 to 13° north, 6 to 21° south.

Major farm activities: Xmas tree sales beginning to pick up as the holidays near. Picking field corn slowed due to the snow cover, stripping, bundling of tobacco for market almost complete.

NEW JERSEY: Temperatures near normal, 37° north, 41° south, 44° in the coastal areas. Extremes 11° Newton on 11th; 69° Long Branch on 29th. Precipitation this period was below normal in the north, coastal sections, near normal south. Rainfall 0.32 in. north, 0.77 in. south, 0.50 in. coastal areas. Heaviest 24-hour total 1.10 in. on the 28th to 29th at Toms River. The heaviest 24-hour snowfall was 4 in. at Canoe Brook on 28th to 29th.

Days suitable for fieldwork 4. Late fall vegetable, corn harvesting virtually complete. Soybean harvesting approaching the final stages. Pasture condition poor to fair, reporters state that pastures are dormant, currently have little or no nutritive value.

NEW MEXICO: The temperatures were generally unseasonably warm with the highest temperature recorded 80° at Carlsbad, lowest 2° above at Gallop. Precipitation remained very sparse for the week with 0.18 at Roy, 0.10 at Roswell, a trace reported at Carlsbad, Las Vegas.

Days suitable for fieldwork 6.3. Soil moisture 38% very short, 45% short, 17% adequate. Cotton 2% very poor, 16% poor, 28% fair, 48% good, 6% excellent; 85% harvested, 94% 1994, 79% avg. Sorghum 38% very poor, 28% poor, 11% fair, 22% good, 1% excellent; 98% harvested, 100% 1994, 89% avg. Wheat 13% very poor, 21% poor, 49% fair, 17% good; 47% grazed. Pecans 4% very poor, 2% poor, 29% fair, 35% good, 30% excellent. Pasture, range feed 7% very poor, 40% poor, 39% fair, 14% good. Cattle 4% very poor, 19% poor, 41% fair, 34% good, 2% excellent. Sheep 5% very poor, 15% poor, 62% fair, 15% good, 3% excellent.

NEW YORK: Week started dry. On 27th snow-mixed with rain fell across the State. Mixed precipitation again fell on the 28th. Eastern areas received snow on the 29th. Rain, snow returned on the 1st. Temperatures fluctuated during the week from above normal to below normal. Extremes 1°; 65°.

Major activities: Caring for livestock, maintenance, attending meetings, grading and packing potatoes and onions, winter chores. Many producers took time during the week for deer hunting.

NORTH CAROLINA: Rainfall 0.18 in. 26th to 2nd, 0.60 in. below normal. Marshall reported a high of 1.19 in. of rain. Temperature 48°, 2° above normal. Maximum high temperature observed to be 66° in Morganton. A minimum average low temperature of 28° in Mount Airy.

Days suitable for fieldwork 5.0. Soil moisture 2% short, 70% adequate, 28% surplus. Oats 85% planted, 94% 1994, 94% avg. Barley 94% planted, 99% 1994, 96% avg. Rye 96% planted, 95% 1994, 94% avg. Sorghum 97% harvested, 100% 1994, 95% avg. Crop conditions: hay, roughage supplies 1% very short, 9% short, 75% adequate, 15% surplus. Activities: Harvesting row crops; planting small grains; fall plowing; Christmas tree harvesting, baling and shipping; soil sampling; tending livestock; repairing equipment and general farm maintenance.

NORTH DAKOTA: Temperatures 9° below normal northeast to 4° above normal southwest. Extremes -10° northeast; 66° south central. Precipitation 0.02 in. south central to 0.40 in. north central.

Snow cover well below last year and average. Snow cover 2.5 in. compared to 5.0 in. 1994. Snow cover sufficient to protect 14% alfalfa. Livestock mostly good condition. Cattle 1% poor, 13% fair, 78% good, 8% excellent. Hay, forage supplies none very short, 6% short, 87% adequate, 7% surplus. Majority of cattle, sheep receiving supplemental feeds. Cattle sales 30% below normal, 68% normal, 2% above normal.

OHIO: Precipitation less than 0.10 in. for all reporting stations, except Cleveland, Zanesville, with 0.11, 0.21 in., respectively. Warming trend from last weekend continued through late 27th, even 28th in some places, with average highs almost 7° higher than last week, average lows almost 4° higher. Highs were generally in the upper 40s or low 50s, average lows were in the upper 20s or low 30s. On 30th most locations experienced the extreme low for the week; with the result that extreme lows and highs were very little different from last week. Extremes 18°; 67°.

OKLAHOMA: Precipitation none all districts, except south central and southeast districts which reported a trace.

Days suitable for fieldwork 6.8. Topsoil 63% very short, 33% short, 4% adequate. Subsoil 37% very short, 42% short, 21% adequate. Wheat 9% grazed, 37% 1994, 25% avg. Soybeans 95% harvested, 90% 1994, 91% avg. Peanuts 96% combined, 95% 1994. Livestock 1% very poor, 5% poor, 26% fair, 67% good, 1% excellent.

OREGON: Temperatures unseasonably warm statewide. North central sections 11° above normal, southern coast 2° above normal, elsewhere 6 to 7° above normal. Precipitation northern Cascades 8.60 in., coast 8.00 in., high plateau 7.40 in., 3.90 in. Willamette Valley, 2.80 in. southwestern valleys, less than 1.00 in. east of Cascades. Heavy rains caused flooding coast, Willamette Valley.

Soil moisture mostly surplus to adequate. Willamette Valley: Beet, carrot, and other cole crops harvest continued, nurseries balling evergreens for shipment, domestic Christmas tree harvest full swing. Orchard cleanup continued. Livestock good to excellent. Western pastures very wet.

PENNSYLVANIA: Temperature 35°. Extremes 11°; 65°. Precipitation 0.28 in.

Activities: Hauling manure; fixing fences; caring for livestock.

PUERTO RICO: Island average rainfall of 0.74 in. was 0.49 in. below normal. The highest weekly total was 2.50 in. at Dorado 3WNW. The highest 24-hour total was 1.08 in. at Utuado on November 27. At WSFO San Juan, mean temperature was 80.1°, which is 1.1° above normal, and total rainfall was 0.64 in., which is 0.68 in. below normal. Temperatures averaged about 77-78° on the coasts and 73-75° in the interior. The extremes were 101° at Trujillo Alto 2 SSW on November 27, and 55° at Adjuntas AES and Central Aguirre on November 30 and December 1.

SOUTH CAROLINA: Temperatures 2 to 4° above normal. Extremes 24°; 80°. Statewide rainfall 0.10 in.

Days suitable for fieldwork 5.5. Soil moisture 1% short, 88% adequate, 11% surplus. Cotton harvest slightly behind normal, improved due to drier conditions, 86% harvested, 87% 1994, 93% avg. Sorghum 82% harvested, 87% 1994, 91% avg.; 1% very poor, 7% poor, 28% fair, 64% good. Peanuts 99% harvested, 100% 1994, 100% avg.; 60% fair, 40% good. Sweet potatoes 74% harvested, 71% 1994, 89% avg.; 66% fair, 34% good. Apples 99% harvested, 100% 1994, 100% avg.; 6% fair, 94% good. Pasture 2% poor, 31% fair, 60% good, 7% excellent. Livestock 16% fair, 84% good. Small grain planting, development improved with favorable weather. Wheat 55% planted, 67% 1994, 64% avg.; 18% fair, 82% good.

SOUTH DAKOTA: Temperatures generally 2 to 8° above normal. Extremes -5°; 70°. There were widely scattered reports of precipitation generally 0.10 to 0.35 in. with most of the precipitation falling in the southern half of the State. Heaviest precipitation reported 0.77 in. Spearfish.

Topsoil moisture 1% short, 68% adequate, 31% surplus. Subsoil moisture 1% short, 65% adequate, 34% surplus. Excess moisture, early winter conditions prevented fall tillage, fertilizer application in many areas. Winter rye 8% fair, 86% good, 6% excellent. Feed supplies 5% short, 78% adequate, 17% surplus. Warm, dry weather is allowing cattle to continue

grazing fall aftermath. Livestock 1% poor, 9% fair, 68% good, 22% excellent. Extreme temperature fluctuations are causing health problems in livestock. Low prices are causing more calves to be backgrounded than normal. Stock water supplies 2% short, 84% adequate, 14% surplus.

TENNESSEE: Rainfall below normal west, middle, plateau; above normal east. Temperatures normal plateau, slightly above normal west, middle, east.

Cotton; 99%, harvested, 99% 1994, 99% avg. Most producers finished first picking, with second picking also drawing to a close. Soybean harvest, winter wheat seeding showed good progress last week.

TEXAS: Strong cold front early last week chilled most regions of State. Some snow even fell parts of Panhandle, north. However, temperature quickly modified by middle, latter part of week, unseasonably warm conditions occurred. Many high temperature records broken over weekend as temperature in upper 70s to middle 80s. Even though some precipitation recorded in Panhandle northern areas, precipitation below normal for week in all districts. In contrast, temperature for week was at or above normal levels for week.

Crops: Small grains: cold front passage brought little moisture to High Plains; as a result most dryland fields remained in critical need of moisture in any form. Irrigation operations remained steady where available. Upwards of 4 in. of snow portions of Low Plains, Cross Timbers brought much needed moisture to small grains. Stands remained varied throughout Blacklands, Central. Rye seeding continued East. Cotton harvest operations resumed mid-week, were beginning to wind down some fields in Plains. Yields continued vary widely across region. Harvest slowed some by snowfall in Cross Timbers. Bolls opening 100%, 100% 1994, 99% avg. Grain sorghum harvest completed in most fields by end week. Peanuts harvest delayed some early week by snowfall portions of Low Plains, Cross Timbers; however, by mid-week progress had resumed. Harvest winding down more fields Central, South Central. Soybean harvest operations winding down in Plains by late week. 98% harvested, 98% 1994, 95% avg. Sunflowers 86% harvested, 93% 1994, 87% avg. Sugar beets 86% harvested, 87% 1994, 77% avg.

Commercial Vegetables: Rio Grande Valley, tomatoes, onions progressing well most fields; however, previous heavy rains have caused some isolated problems. Insect damage has been minor. Citrus harvest increased. San Antonio-Winter Garden, early fields spinach were harvested during week. East, harvest cole crops continued. Light frost caused only minor damage. Pecans: harvest made good progress many areas, increasing in Trans-Pecos. Yields, quality continued to vary. 54% harvested, 54% 1994, 56% avg.

Range and Livestock: Light to heavy frost across much central, east ended remaining warm season grasses. Small grain pastures in Plains remained short. Producers continued to seed, overseed pastures east. Fall working cattle, sheep continued without much delay during week. Supplemental feeding continued increase as more grasses play out for year. Conditions on all livestock continued hold good.

UTAH: Temperature maximums 10° above normal; minimums averaged 6° above normal. Precipitation light to moderate throughout the State with Dixie Division receiving no measurable precipitation.

Major farm/ranch activities: Harvesting corn, shipping onions, fall tillage, cleaning corrals, general farm maintenance, moving/feeding livestock.

VIRGINIA: Temperatures in State returned to normal, above normal this week. Minimal rain fell during the week.

Days suitable for fieldwork 3.9. Topsoil 4% short, 82% adequate, 14% surplus. Subsoil 11% short, 80% adequate, 9% surplus. Pasture 14% poor, 39% fair, 44% good, 3% excellent. Corn harvested for grain 99%, 100% 1994, 100% avg. Soybeans harvested 83%, 87% 1994, 85% avg. Cotton harvested 97%, 99% 1994, 91% avg. Barley seeded 100%, 100% 1994, 100% avg. Oats seeded 99%, 100% 1994, 100% avg. Winter wheat seeded 92%, 99% 1994, 94% avg. Livestock 1% poor, 14% fair, 82% good, 3% excellent. Small grain, winter grazing crop condition 4% poor, 50% fair, 41% good, 5% excellent. Forage from pasture, winter grazing crops for beef cattle, 43%; sheep 34%; dairy cattle, 14%. The snow cover from last week's early snowfall continued to force many livestock producers in western areas to feed their herds. Small grain planting, soybean, corn, cotton harvests wound down as there were almost 4 days suitable for fieldwork this week. Burley and dark fire tobacco producers continued to strip and grade their crop.

WASHINGTON: Temperatures 6 to 9° above normal west; 10 to 14° above normal east. Precipitation 2.02 to 7.06 in. west; 0.21 to 1.34 in. east. Unseasonably warm temperatures, wet conditions persist.

Days suitable for fieldwork 1.9. Topsoil 1% short, 59% adequate, 40% surplus; subsoil 80% adequate, 20% surplus. Many western area rivers overflowed, flood conditions near record high. Livestock, field activities disrupted. Fruit pruning continued as weather permitted. Christmas tree shipments active. Winter wheat, dryland 3% poor, 20% fair, 67% good, 10% excellent; irrigated, 75% good, 25% excellent. Hay, other roughage supplies 10% short, 89% adequate, 1% surplus. Pasture feed, 35% poor, 34% fair, 30% good. Winter wheat emerged 100% emerged, 98% 1994, 99% avg.

WEST VIRGINIA: Temperature 42°. Extremes 22°; 73°. State experienced a mild week with temperatures 1 to 7° above normal. Precipitation 0.75 in. at Williamson. State average precipitation 0.41 in.

Days suitable for fieldwork 3.0. Topsoil 79% adequate, 21% surplus. Wheat 22% fair, 78% good; 99% planted, 99% 1994, 98% avg. Corn 98% harvested, 90% 1994, 94% avg. Cattle 1% poor, 13% fair, 83% good, 3% excellent. Sheep 14% fair, 82% good, 4% excellent. Range, pasture 19% poor, 42% fair, 38% good, 1% excellent. Activities: Feeding, marketing livestock, harvesting of corn, equipment maintenance, building and repairing fences.

WISCONSIN: Temperature 23°, 1° below normal. Extremes -4°; 55°. Precipitation 0.10 to 1.00 in.

Initial frost depths at 3.40 in. are twice as deep as normal. Farmers spent most of the week moving snow due to a winter storm early in the week. Some farmers were able to haul manure later in the week.

WYOMING: Temperatures 8 to 17° above normal across the State. Extremes 3° Laramie; 72° Wheatland. Precipitation 0.10 to 1.50 in. above normal across most of the State. Southeast, a small area in the west averaged 0.10 to 0.30 in. below normal. Moran received the greatest amount of 2.10 in.

Topsoil moisture supplies 82% adequate. Subsoil moisture supplies 88% adequate. Corn 92% harvested, 95% 1994, 88% avg. 1996 winter wheat crop 71% fair, 29% good; wind damage 69% light, 24% moderate. Cattle, sheep in mostly good condition. Hay, roughage supplies 65% adequate, 35% surplus.

CORRECTION: In last week's *Weekly Weather and Crop Bulletin*, dated November 28, 1995, we inadvertently reprinted the previous week's "State Summaries of Weather and Agriculture." No other contents of the *WWCB* were affected. We regret any inconvenience the error may have caused. Although we do not plan to print the corrected State reports, they are available upon request, in whole or in part, by calling (202) 720-7917.

NOTE TO READERS: After this issue, weekly "State Summaries of Weather and Agriculture" will be suspended for the winter. Regular weekly "State Summaries" coverage will resume on April 9, 1996. In the interim, monthly "State Summaries" will be published in the *WWCB* on January 9, February 6, March 5, and April 2, 1996. The weekly reports will continue to be available on the Internet through the NASS Home Page. Please direct comments or questions to Greg Preston, at (202) 720-7621.

November 1995

MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA

*** = DATA NOT AVAILABLE

International Weather and Crop Summary

November 26 - December 2, 1995

HIGHLIGHTS

FSU-WESTERN: Light rain and snow covered dormant winter grains.

NORTHWESTERN AFRICA: Light to moderate showers increased topsoil moisture for winter grain planting in Morocco, Algeria, and Tunisia.

EUROPE: Unseasonable cold kept winter grains dormant in eastern Europe and caused crops in Germany to begin entering dormancy.

SOUTH ASIA: Seasonable dryness favored summer crop harvesting and winter crop planting.

SOUTH AFRICA: Rainfall tapered off across the corn belt, but moderate rain in the east kept topsoils moist for corn emergence and establishment.

AUSTRALIA: Heavy rain continued in New South Wales, maintaining unseasonably wet conditions for emerging summer crops and unharvested winter grains.

SOUTHEAST ASIA: Heavy showers favored second-season corn and rice across the central Philippines. Scattered heavy showers exacerbated flooding across eastern oil palm areas of the Malay Peninsula.

EASTERN ASIA: Seasonable weather covered winter wheat across the North China Plain.

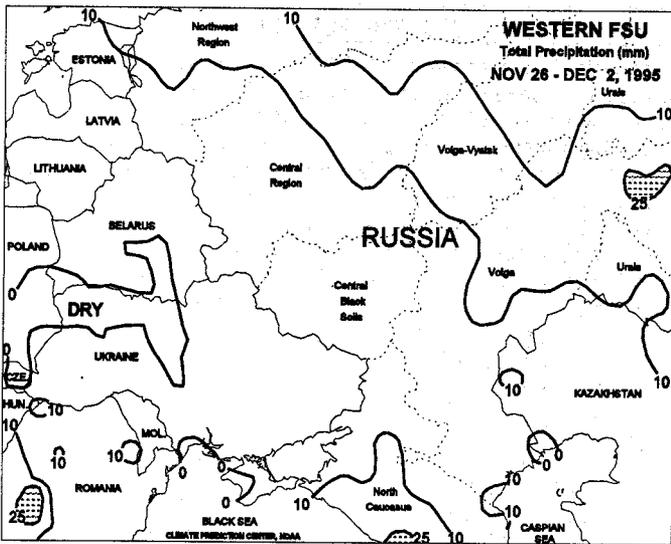
SOUTH AMERICA: Across southern Brazil, dry weather the past 2 weeks has slowed soybean planting. In Argentina, light rain favored germinating summer crops, while heavy showers aided cotton across the north.

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG DPART	F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	0	-5	7	-13	-3	-1.3	22	-68
SWEDEN	STOCKHOLM	2	-3	8	-11	-1	-3.3	39	-14
FINLAND	HELSINKI	0	-5	6	-19	-2	-2.6	62	-9
U KING	GLASGOW	10	5	14	-4	7	0.8	65	-48
	EDINBURGH	10	5	14	-2	8	1.9	98	35
	BIRMINGHAM	10	5	14	-6	8	1.4	64	6
	LONDON	12	5	15	-5	8	1.2	62	-15
IRELAND	DUBLIN	11	5	16	-3	8	1.1	143	79
ICELAND	REYKJAVIK	3	1	11	-7	2	0.7	32	-41
DENMRK	COPENHAGEN	6	1	11	-5	3	-2.0	20	-28
LUXEMB	LUXEMBOURG	7	3	15	-6	5	0.8	32	-48
SWITZL	ZURICH	6	2	14	-5	4	-0.2	56	-28
	GENEVA	9	3	15	-5	6	1.0	37	-56
FRANCE	PARIS/ORLY	11	5	19	-3	8	***	10	**
	STRASBOURG	8	2	13	-5	5	-0.2	19	-27
	BOURGES	11	3	21	-4	7	0.8	35	-23
	BORDEAUX	15	6	21	-1	10	1.7	84	-8
	TOULOUSE	15	6	21	-4	10	1.4	33	-16
	MARSEILLE	15	8	22	-1	12	1.3	44	-14
SPAIN	VALLADOLID	14	6	20	1	10	2.8	100	48
	MADRID	16	7	25	2	12	2.8	65	-1
	SEVILLE	22	14	29	6	18	2.8	121	51
PORTUG	LISBON	19	14	24	9	16	2.3	223	124
GERMNY	HAMBURG	7	2	12	-6	4	-0.8	28	-44
	BERLIN	5	1	12	-8	3	-2.2	41	-9
	DUSSELDORF	9	4	19	-6	7	0.4	36	-27
	LEIPZIG	6	1	13	-5	3	-1.4	54	18
	DRESDEN	4	0	12	-5	2	-2.2	67	25
	STUTTGART	7	1	14	-6	4	-0.5	36	-11
	NURNBERG	5	1	11	-6	3	-1.2	48	4
AUSTRI	VIENNA	4	1	12	-9	2	-2.2	38	-4
	INNSBRUCK	7	-1	18	-11	3	0.1	42	-18
CZECH	PRAGUE	3	-1	11	-13	1	-2.0	23	-8
POLAND	WARSAW	2	-3	11	-8	0	-3.4	25	-17
	LODZ	3	-2	13	-10	1	-1.8	22	-18
	KATOWICE	3	-3	13	-14	0	-2.0	39	-2
	PRZEMYSL	3	-3	13	-11	0	-3.6	48	7
HUNGAR	BUDAPEST	5	0	15	-10	3	-2.4	64	12
F YUGO	BELGRADE	8	2	20	-6	5	-1.9	57	2
ROMANI	BUCHAREST	6	-2	17	-11	2	-3.7	79	32
BULGAR	SOFIA	6	-1	17	-10	2	-2.6	62	12
ITALY	MILAN	12	4	20	-4	8	1.6	58	-38
	VERONA	11	4	18	-4	8	1.0	34	-39
	VENICE	12	5	18	-3	9	0.9	13	-71
	GENOA	14	9	19	5	12	-0.8	266	107
	ROME	17	7	21	-1	12	-0.5	32	-75
	NAPLES	17	8	23	1	13	0.8	35	-119
GREECE	THESSALONIKA	12	4	24	-5	8	-2.6	40	-18
	LARISSA	13	3	24	-7	8	-2.9	13	-47
	ATHENS	16	11	22	4	13	-2.2	74	19
TURKEY	ISTANBUL	12	6	20	-1	9	-2.5	88	0
	ANKARA	7	-2	18	-11	2	-3.5	53	28
CYPRUS	LARNACA	20	10	27	3	15	-2.8	49	11
ESTONI	TALLINN	2	-2	8	-10	0	-0.8	97	33
FSU	ST. PETERSBERG	0	-4	5	-12	-2	-2.0	98	46
LITHUA	KAUNAS	1	-2	9	-9	0	-2.6	49	-2
FSU	MINSK	0	-4	6	-13	-2	-2.5	51	0
	KAZAN	-2	-6	8	-19	-4	-0.3	75	31
	MOSCOW	-1	-5	6	-14	-3	-1.8	74	18
	YEKATERINSBURG	-1	-6	7	-19	-3	2.2	34	6
	MSK	-1	-6	7	-20	-3	4.0	30	2
	KUSTANAY	1	-5	9	-16	-2	3.2	9	-15
	NOVOSIBIRSK	-1	-5	7	-18	-3	6.7	24	-4
	BARNAUL	2	-5	13	-15	-2	5.1	29	-6
	KHABAROVSK	-3	-10	6	-23	-6	1.6	36	15
	VLADIVOSTOK	3	-3	12	-10	0	1.3	9	-22
	KIEV	2	-2	9	-9	0	-2.0	22	-27
	LVOV	2	-4	10	-17	-1	-4.0	68	24
	KIROVOGRAD	2	-2	12	-11	0	-1.9	37	2
	ODESSA	6	1	14	-8	3	-2.4	47	7

Based on Preliminary Reports

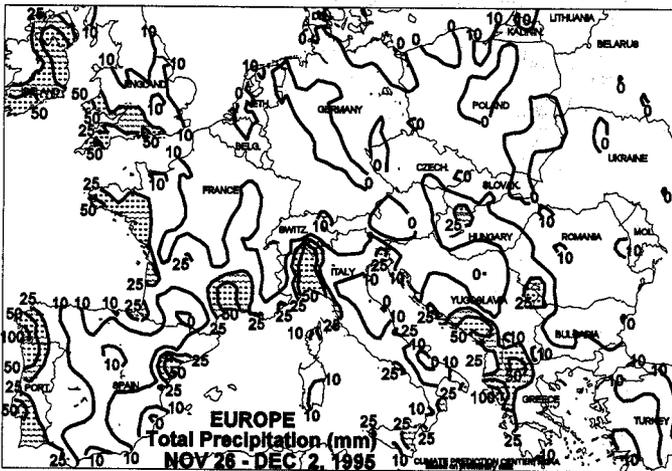
November 1995

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)																	
		AVG	AVG	HI	LO	DPART	F/NRM	TOTAL	DPART			F/NRM	AVG	AVG	HI	LO	DPART	F/NRM	TOTAL	DPART														
FSU	YALTA	11	6	18	2	9	-0.5	110	49	ETHIOP	ADDIS ABABA	23	7	25	4	15	-0.3	0	-8	KENYA	NAIROBI	26	14	29	10	20	0.6	29	-92					
	SARATOV	2	-1	11	-9	1	2.6	28	-12		TANZAN	DAR ES SALAAM	31	21	32	19	26	-0.6	161	45		GABON	LIBREVILLE	**	**	30	21	**	**	**	**	**		
	KHARKOV	1	-2	11	-9	0	-1.6	108	65		TOGO	LOME	33	25	39	23	29	1.5	30	8		B FASO	OUAGADOUGOU	36	20	38	16	28	0.4	0	-2			
	VOLGOGRAD	5	1	18	-9	3	3.2	20	-14		IVRY C	ABIDJAN	32	25	33	21	29	1.2	109	-33		MOZAMB	MAPUTO	29	21	38	16	24	0.6	59	-14			
	ROSTOV	6	2	19	-5	4	0.3	52	4		ZAMBIA	LUSAKA	30	**	34	11	**	**	70	-22		ZIMBAB	HARARE	29	17	33	12	23	2.0	30	-71			
	ASTRAKHAN	10	3	20	-5	6	3.0	15	-1		S AFRI	PRETORIA	27	16	33	12	22	0.8	254	153			JOHANNESBURG	24	13	29	8	18	0.5	149	32			
	KRASNOGAR	11	5	23	-2	8	2.0	137	76			BETHAL	25	12	31	8	18	0.4	160	33			DURBAN	25	19	32	14	22	0.4	81	-27			
	ORENBURG	2	-3	12	-15	-1	2.4	16	-22			CAPE TOWN	24	14	31	7	19	0.8	23	7		CANADA	TORONTO	4	-2	19	-10	1	-2.3	122	51			
	TSELINGRAD	2	-5	11	-14	-2	6.5	15	3			MONTREAL	3	-5	17	-17	-1	-2.5	125	32			WINNIPEG	-7	-14	4	-27	-11	-5.9	1	-20			
	KARAGANDA	3	-5	13	-16	-1	3.9	11	-16			REGINA	-4	-13	7	-26	-8	-3.2	34	22			SASKATOON	-5	-14	8	-28	-10	-4.0	16	2			
	TBILISI	14	4	24	-1	10	1.3	8	-24			LEATHERIDGE	9	-8	19	-22	0	1.3	9	-7			CALGARY	0	-10	14	-26	-5	-2.0	23	11			
	TASHKENT	19	6	30	-2	12	4.4	7	-36			EDMONTON	0	-11	9	-21	-5	-1.2	14	-2			VANCOUVER	11	5	16	-2	8	2.0	252	82			
	ASHKHABAD	21	6	32	-2	13	3.7	3	-18		MEXICO	GUADALAJARA	26	11	30	3	18	1.0	8	-5			MEXICO CITY	23	10	28	4	17	2.8	54	40			
SYRIA	DAMASCUS	20	3	27	-5	11	-1.4	15	-11			ACAPULCO	34	24	35	21	29	0.9	20	-24			BERMUD	ST. GEORGES	23	20	25	17	21	-0.4	230	111		
ISRAEL	JERUSALEM	**	**	17	**	**	**	**	**			BAHAMA	NASSAU	28	22	31	19	25	1.0	87	32			CUBA	HAVANA	**	**	33	18	**	**	**	**	
PAKIST	KARACHI	32	16	36	9	24	-0.1	1	-1			JAMAIC	KINGSTON	33	25	35	24	29	2.0	17	-64			P RICO	SAN JUAN	31	24	32	22	27	0.5	77	-74	
INDIA	AMRITSAR	27	10	30	5	19	0.6	5	-2			GUADEL	RAIZET	31	23	33	21	27	1.4	26	-116			MARTINQ	LAMENTIN	30	24	32	22	27	1.5	67	-123	
	NEW DELHI	28	13	31	9	20	-0.2	1	-5			BARBAD	BRIDGETOWN	30	25	31	22	27	0.4	58	-74			TRINID	PORT OF SPAIN	32	23	34	22	28	1.5	42	-156	
	AHMEDABAD	33	16	35	14	25	-0.3	3	-8			COLOMB	BOGOTA	19	7	21	1	**	**	120	33			VENEZU	CARACAS	32	23	33	19	27	0.7	18	-34	
	INDORE	30	14	33	11	22	0.2	0	-21			F GUIA	CAYENNE	31	23	33	21	27	0.8	106	-49			BRAZIL	FORTALEZA	**	**	30	23	**	**	**	**	
	CALCUTTA	29	20	32	13	24	0.7	219	203			RECIFE	**	**	39	20	**	**	**	**			BELO HORIZONTE	**	18	32	15	**	**	176	-66			
	VERAVAL	33	20	36	17	27	0.4	0	-26			CAMPO GRANDE	31	20	35	15	26	0.9	40	-144			FRANCA	27	17	31	13	22	3.4	150	-51			
	BOMBAY	33	20	35	17	26	-0.1	0	-7			LONDRINA	**	**	33	14	**	**	**	**			SANTA MARIA	**	**	37	10	**	**	**	**			
	POONA	31	14	32	10	22	-0.2	1	-22			PORTO ALEGRE	28	17	37	9	23	1.3	77	2			PERU	LIMA	22	17	25	16	20	0.6	0	0		
	BEGAMPET	30	18	33	14	24	1.1	26	3			BOLIVI	LA PAZ	16	3	19	-2	9	-1.0	64	14			CHILE	SANTIAGO	26	10	32	6	18	0.6	0	-8	
	VISHAKHAPATNAM	29	23	31	20	26	**	87	**			ARGENT	IGUAZU	32	18	37	14	25	**	47	**			FORMOSA	34	20	40	13	27	2.7	27	-157		
	MADRAS	31	24	34	21	27	1.3	216	-124			CERES	29	17	40	11	23	0.5	43	-56			CORDOBA	28	16	41	10	22	0.9	136	36			
	MANGALORE	32	23	34	19	27	0.2	27	-44			RIO CUARTO	26	16	39	10	21	1.3	206	85			ROSARIO	28	16	36	10	22	1.7	110	13			
H KONG	KINGS PEAK	24	19	27	13	22	**	2	**			BUENOS AIRES	26	15	35	5	20	1.2	64	-34			SANTA ROSA	28	13	36	7	21	1.4	10	-90			
N KREA	PYONGYANG	8	-2	15	-9	3	-0.8	25	-24			TRES ARROYOS	24	12	33	4	18	1.5	138	63			N CALD	NOUMEA	28	22	32	19	25	1.6	10	-64		
S KREA	SEOUL	11	2	19	-4	7	0.5	32	-4				FLJIJ	NAUSORI	28	23	30	20	25	0.7	142	-115			SAMOA	PAGO PAGO	31	26	33	23	28	1.3	360	85
JAPAN	SAPPORO	9	3	17	-2	6	1.6	139	40				TAHITI	PAPEETE	30	24	32	22	27	1.0	77	-84			PA N G	PORT MORESBY	32	24	33	23	28	0.2	36	-16
	NAGOYA	15	6	20	2	11	-0.9	59	-11				AUSTRL	DARWIN	32	26	34	24	29	-0.5	220	88			MOREE	**	**	**	**	**	**	**	**	
	TOKYO	17	9	24	5	13	0.3	43	-47				BRISBANE	27	19	36	16	23	0.5	177	67			PERIH	24	13	32	9	18	-0.8	29	6		
	YOKOHAMA	16	9	22	5	13	0.7	40	-64				CEDUNA	25	12	37	5	18	-0.9	2	-16			ADELAIDE	23	12	32	8	18	-0.7	6	-16		
	KYOTO	15	7	20	2	11	-0.5	45	-30				MELBOURNE	20	9	28	5	15	-1.4	50	1			WAGGA	23	12	34	5	17	-1.0	104	64		
	OSAKA	16	9	20	4	12	-0.6	43	-22				CANBERRA	21	10	30	3	15	-0.4	141	76			INDONE	DJAKARTA	32	24	34	23	28	0.6	276	**	
THAILN	PHETCHABUN	31	21	35	14	26	1.1	3	-16				PHILIP	MANILA	31	25	32	23	28	0.9	236	118												
	BANGKOK	33	25	35	21	29	1.3	17	-36																									
MALAYS	KUALA LUMPUR	32	24	34	23	28	1.7	262	-14																									
VIEINM	HANOI	25	19	29	13	22	-0.2	63	19																									
CHINA	HARBIN	1	-8	12	-18	-3	3.9	5	-3																									
	HAMI	9	-5	16	-10	2	2.0	6	5																									
	LANCHOW	10	-2	18	-6	4	2.3	0	-5																									
	BEIJING	14	2	22	-4	8	3.8	0	-6																									
	TIENTSIN	13	1	22	-4	7	1.8	5	-5																									
	LHASA	13	-3	18	-7	5	1.7	1	0																									
	KUMMING	17	8	21	3	12	1.0	68	28																									
	CHENGCHOW	17	3	26	-3	10	2.1	2	-23																									
	YEHCHANG	18	9	25	2	14	1.2	2	-45																									
	HANKOW	17	8	25																														



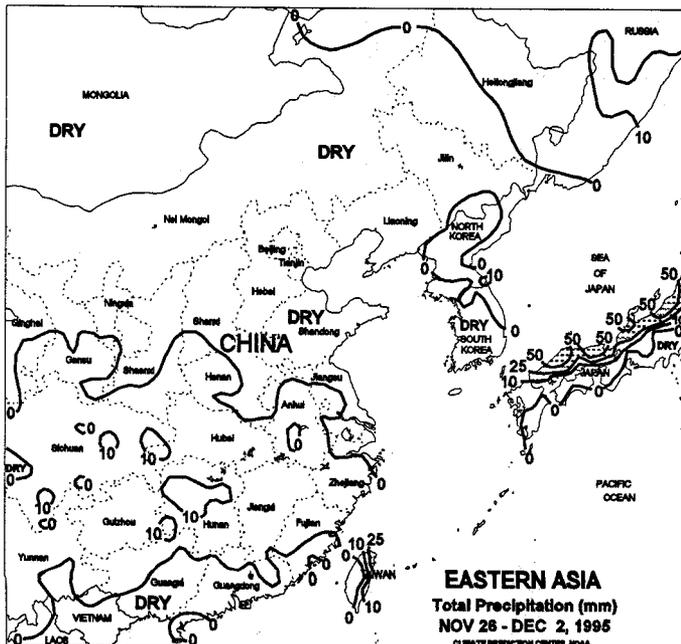
FSU-WESTERN

Winter grains remained dormant over most of the region. Widespread light rain and snow (generally less than 10 mm) fell over Russia, Ukraine, Belarus, and the Baltics. Average temperatures were 1 to 3 degrees Celsius (C) below normal over most areas. Extreme cold (temperatures less than -15 degrees C) remained well to the north and east of the major winter grain areas. However, by week's end, bitter cold from Siberia began edging westward into northeastern Russia (Central Region, Volga Vyatsk, and the upper Volga Valley).



EUROPE

Unseasonable cold continued over eastern Europe, keeping winter grains dormant. The cold weather edged westward into Germany, causing winter grains to begin entering dormancy. Little, if any, precipitation fell over these areas. Farther west, milder weather was accompanied by light to moderate rain (6-25 mm, with local amounts in excess of 40 mm) over England, France, and Spain. The rain favored emerging winter grains in Spain. Weekly temperatures averaged 1 to 4 degrees C below normal over Germany, Poland, the Czech Republic, Slovakia, Hungary, Romania, and Bulgaria. In contrast, weekly temperatures averaged 1 to 3 degrees C above normal over the United Kingdom, France, and Spain.

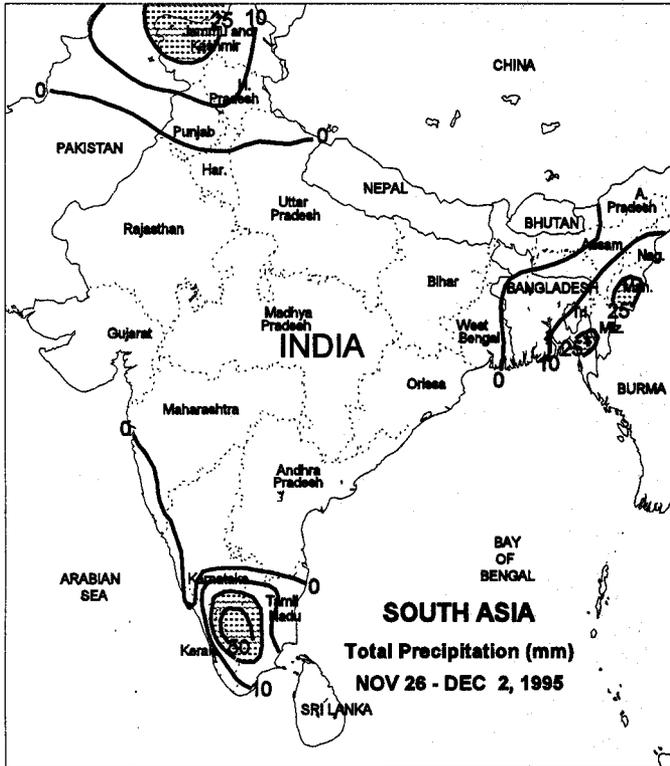


EASTERN ASIA

Seasonably dry weather prevailed across the North China Plain, while only light rain (less than 5 mm) fell across central and southern China. The mostly dry weather permitted winter oilseed planting and fieldwork. Typically, rainfall only averages 5 to 10 mm for the month of December across the North China Plain.

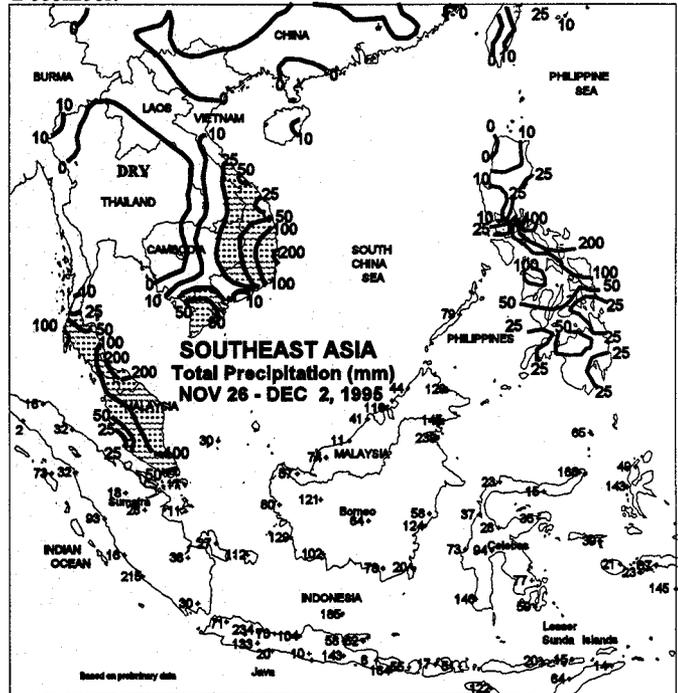
SOUTH ASIA

Dry weather dominated the region. As a result, summer grain, oilseed, and cotton harvesting progressed throughout India, Pakistan, and Bangladesh. In northern crop areas, winter grain and oilseed planting advanced toward completion. Unseasonable coolness (temperatures 1-2 degrees C below normal, lows dipping below 5 C) in Pakistan and adjacent areas of India likely had no significant impact on emerging winter or maturing summer crops.



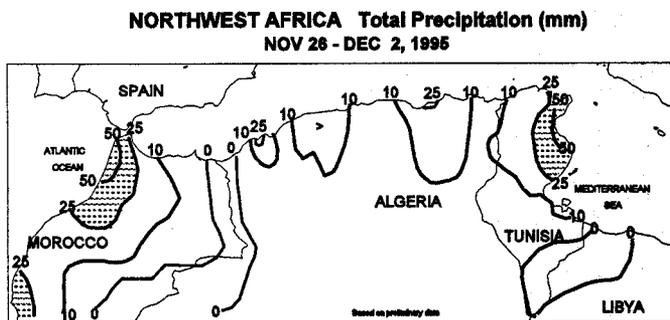
SOUTHEAST ASIA

Seasonably heavy showers (50-250 mm) fell across the central Philippines, boosting moisture for second-season corn and rice. Heavier amounts (300-450 mm) caused flooding across southern Luzon. Dry weather favored rice harvesting in Thailand and northern Vietnam. Scattered, heavy showers (100-270 mm) exacerbated flooding in the eastern oil palm and rubber areas of the Malay Peninsula (peninsular Thailand and Malaysia). Widespread showers (40-125 mm) continued to cover Java, maintaining irrigation supplies for main-season rice, which is typically planted from late October to December.



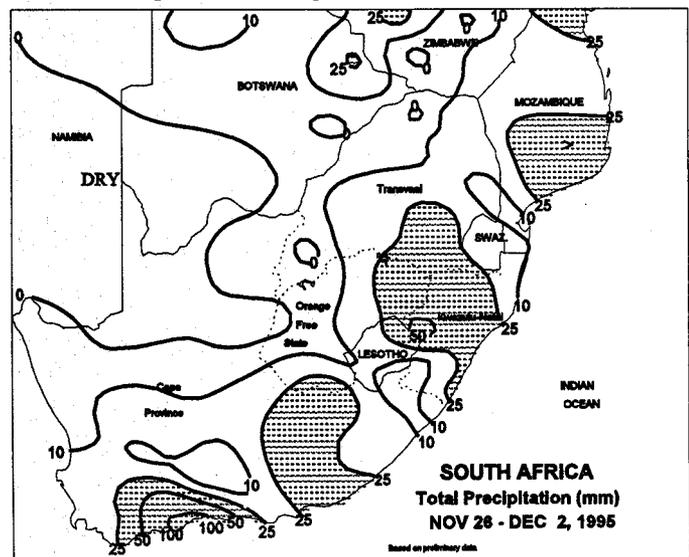
NORTHWESTERN AFRICA

Light to moderate showers (10-40 mm, with local amounts in excess of 40 mm) covered Morocco, Algeria, and Tunisia, increasing topsoil moisture for winter grain planting. The bulk of winter grains is usually planted from mid-November to mid-December over the region. However, planting can extend into early January without a loss in yield potential.



SOUTH AFRICA

Following last week's heavy rain, showers tapered off across the corn belt. However, seasonable rainfall (20-36 mm) kept topsoils moist in the east for emerging crops. Mostly dry weather in the west allowed fieldwork to resume. Early in the week, highs reached the low 30's in the west but weekly temperatures were overall cooler than normal, with lows dipping below 5 C with the passage of a cold front. Elsewhere, moderate showers (10-25 mm or more) fell throughout coastal crop areas from Western Cape through Kwazulu-Natal. A pocket of heavy rain (80-140 mm) likely caused some localized coastal flooding in Western Cape Province.



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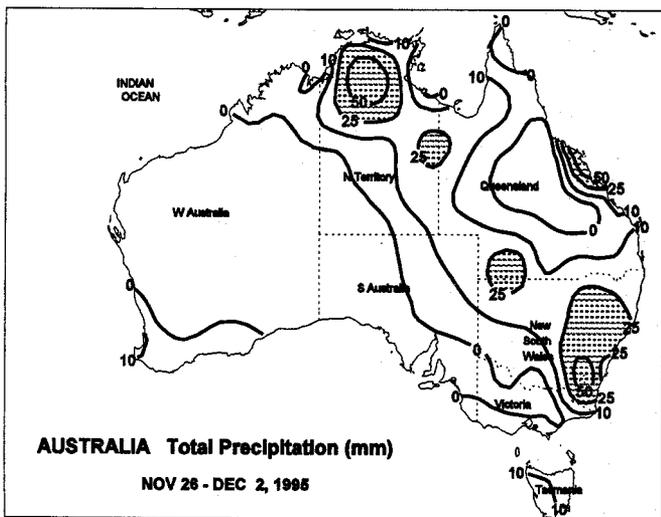
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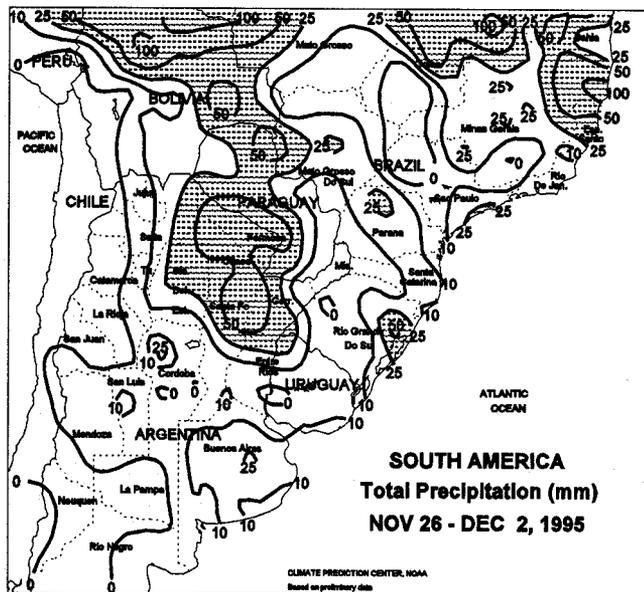
AUSTRALIA

Wet weather continued in eastern Australia, with unseasonably heavy rain (25-55 mm) persisting over eastern New South Wales. The frequent rain maintained abundant moisture reserves for newly planted summer crops but kept mature winter grains unfavorably wet. Showers (10-38 mm) were scattered over main pasture areas of northern New South Wales and southwestern Queensland, but temperatures in the low 40's C stressed livestock. Variable showers (10-60 mm) benefited Queensland's coastal sugarcane, but rainfall was light and scattered in cotton and sorghum areas north of Darling Downs. Elsewhere in Australia, dry, generally warm weather favored winter grain dry down. In New Zealand, rainfall was relatively light (4-23 mm) over the main pasture lands.



SOUTH AMERICA

In southern Brazil, mostly dry weather since November 15 across northwestern Rio Grande do Sul has reduced topsoil moisture and delayed soybean planting. Also, maximum temperatures reached into the mid and upper 30's (C) on a couple of days, further reducing available soil moisture. Rain is needed across this region to ensure adequate germination and development. Light to moderate showers (10-45 mm) fell across eastern Rio Grande do Sul into Parana, keeping soils moist for germinating summer crops. Scattered showers (10-40 mm) were reported in the north (Mato Grosso, Mato Grosso do Sul, and Goias), which had received widespread rain the past few weeks. In Argentina, light rain (8-20 mm) increased topsoil moisture for germinating summer crops and late-filling winter wheat. Moderate to heavy rain (25-50 mm) brought relief to germinating cotton across the north. Temperatures averaged near normal across central Argentina and 1 to 3 degrees C above normal across southern Brazil.



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