

WEEKLY WEATHER AND CROP BULLETIN

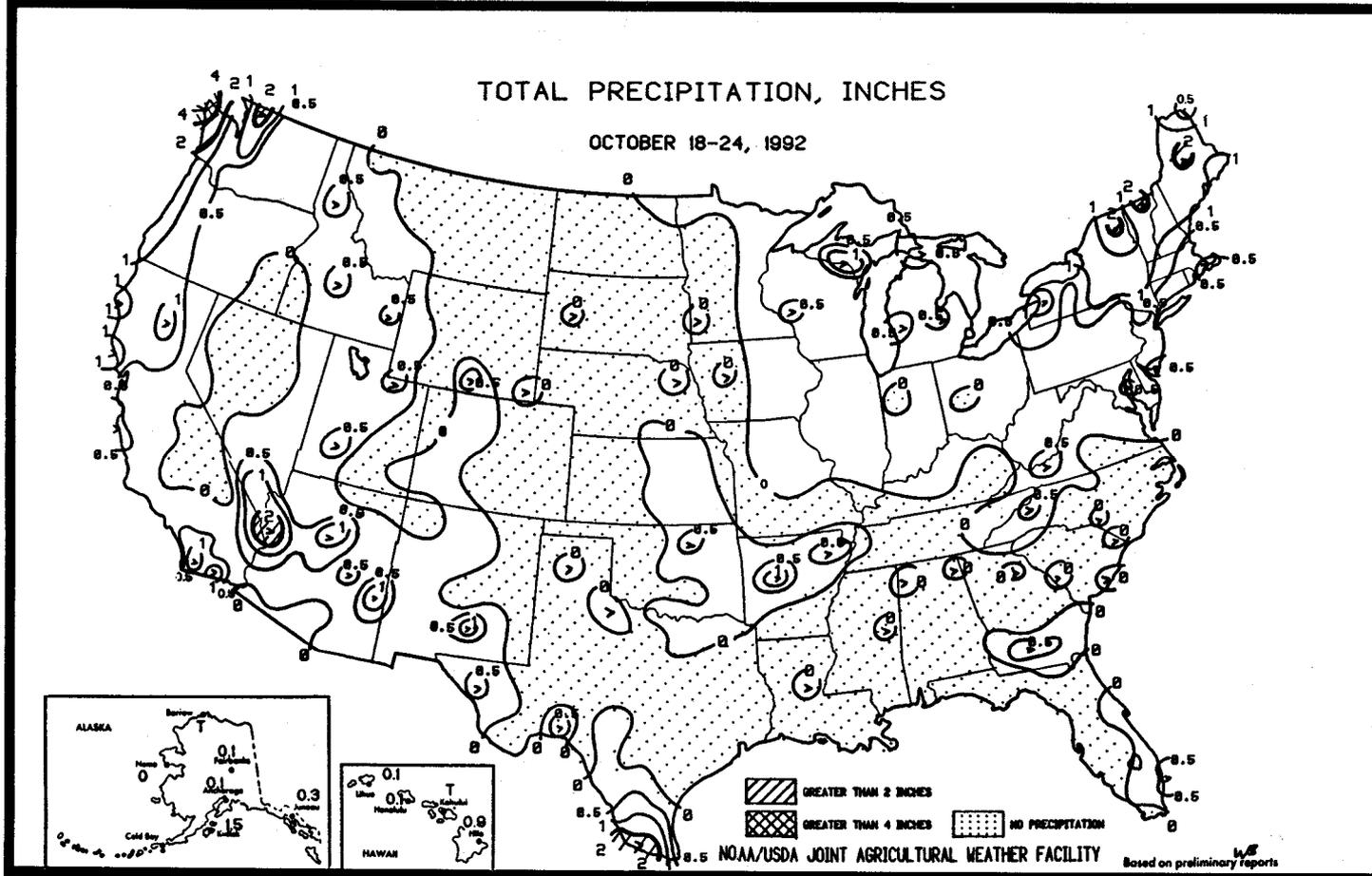
U.S. DEPARTMENT OF COMMERCE
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HIGHLIGHTS

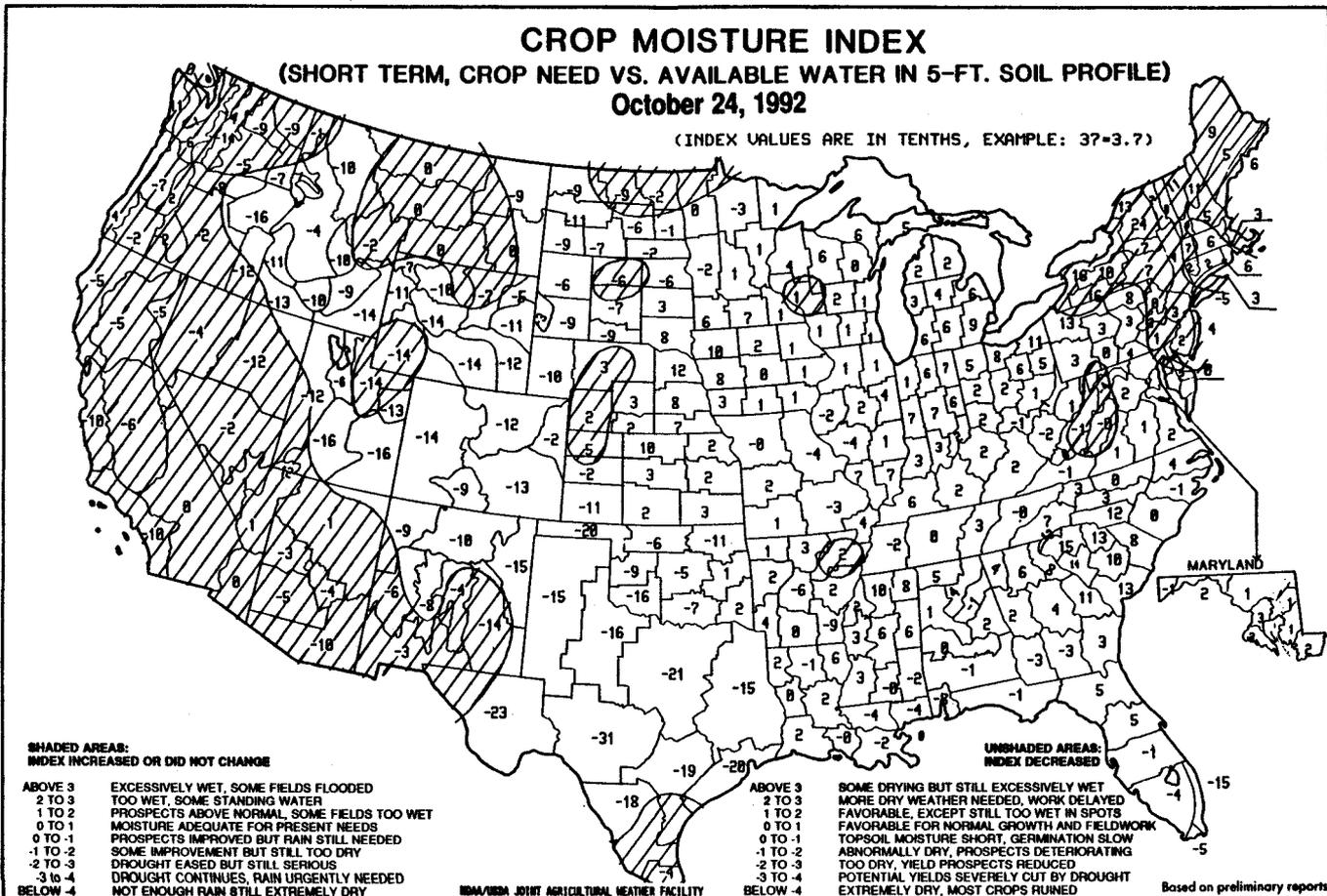
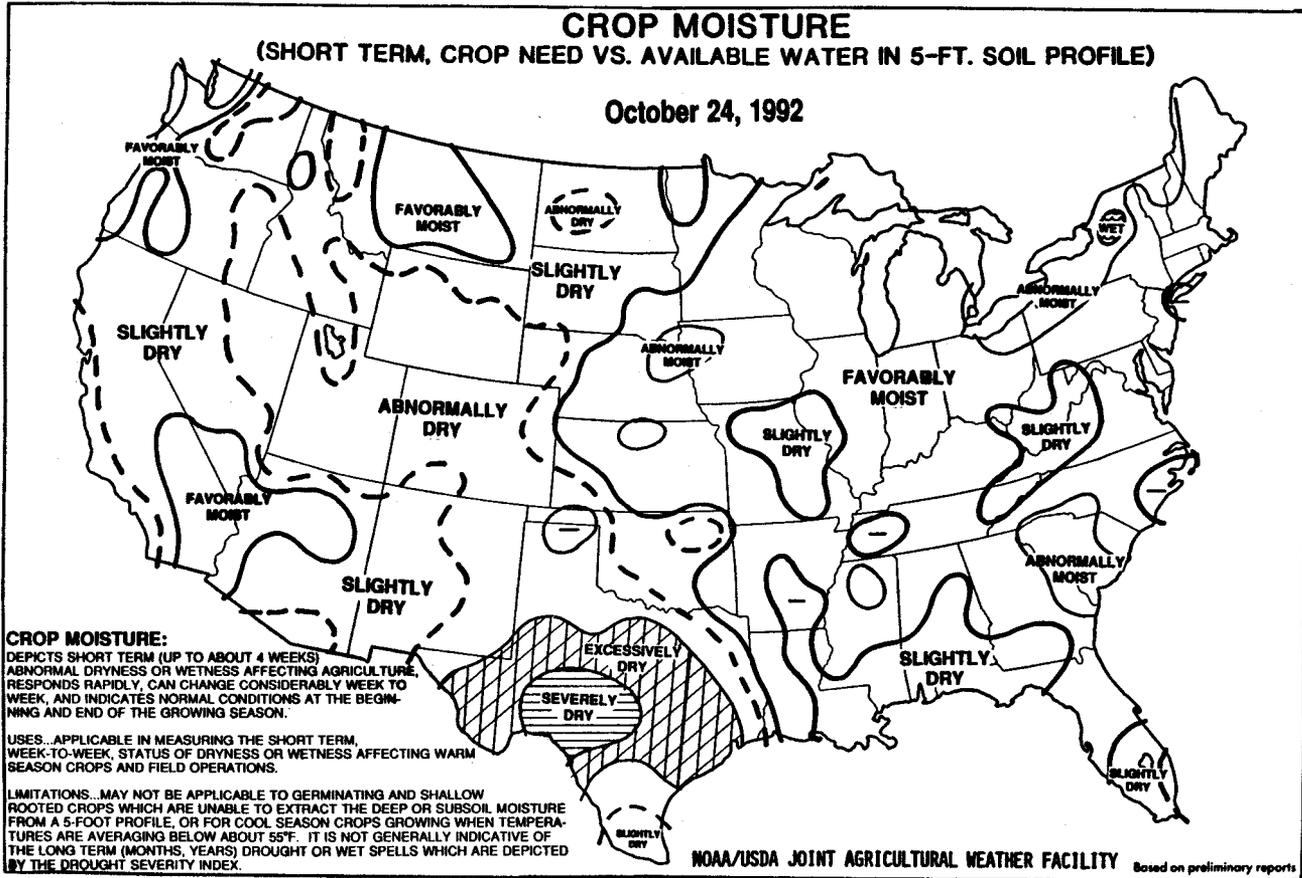
October 18 - 24, 1992

Mild, dry harvest weather overspread the Corn Belt following a hard freeze on Monday. Farther west, summer-like warmth in advance of a Pacific storm resulted in more than 3 dozen daily record highs. The storm brought the first precipitation of the rainy season to California. Early in the week, frigid weather covered the northeastern quarter of the Nation. Among the 2 dozen daily record lows on Monday and Tuesday were readings of 21°F in Chicago, IL, and 22°F in Cincinnati, OH. A low of 19°F in Springfield, IL, was their earliest sub-20°F reading (previously set on October 29, 1952). Temperatures dipped below freezing as far south as Columbia, SC, which reached 31°F. Light snow accompanied the chill in the Great Lakes States. Madison, WI, recorded 2.1 inches, and Pittsburgh, PA, noted 1.3 inches. But in the Plains, downslope (westerly) winds pushed midweek temperatures to 89°F in Rapid City, SD, and 85°F in Worland, WY. Meanwhile, heavy rain arrived along the northern Pacific Coast. Rainfall topped 7 inches in Quillayute, WA. In northern California, the

first storm of the rainy season dropped nearly 1 inch of rain on Redding, and whitened the highest Sierra Nevada peaks. On Thursday, weather highlights included 80°F warmth as far north as Bismarck, ND, and excessive rainfall in Texas' Lower Rio Grande Valley. Late in the week, locally heavy rain arrived in the Southwest. More than 2 inches of rain deluged Flagstaff, AZ, and more than 1 inch fell during an 8-hour thunderstorm at Imperial, CA. Elsewhere, cooler air returned to the Northeast, but temperatures in the 70's or higher prevailed throughout the Plains.

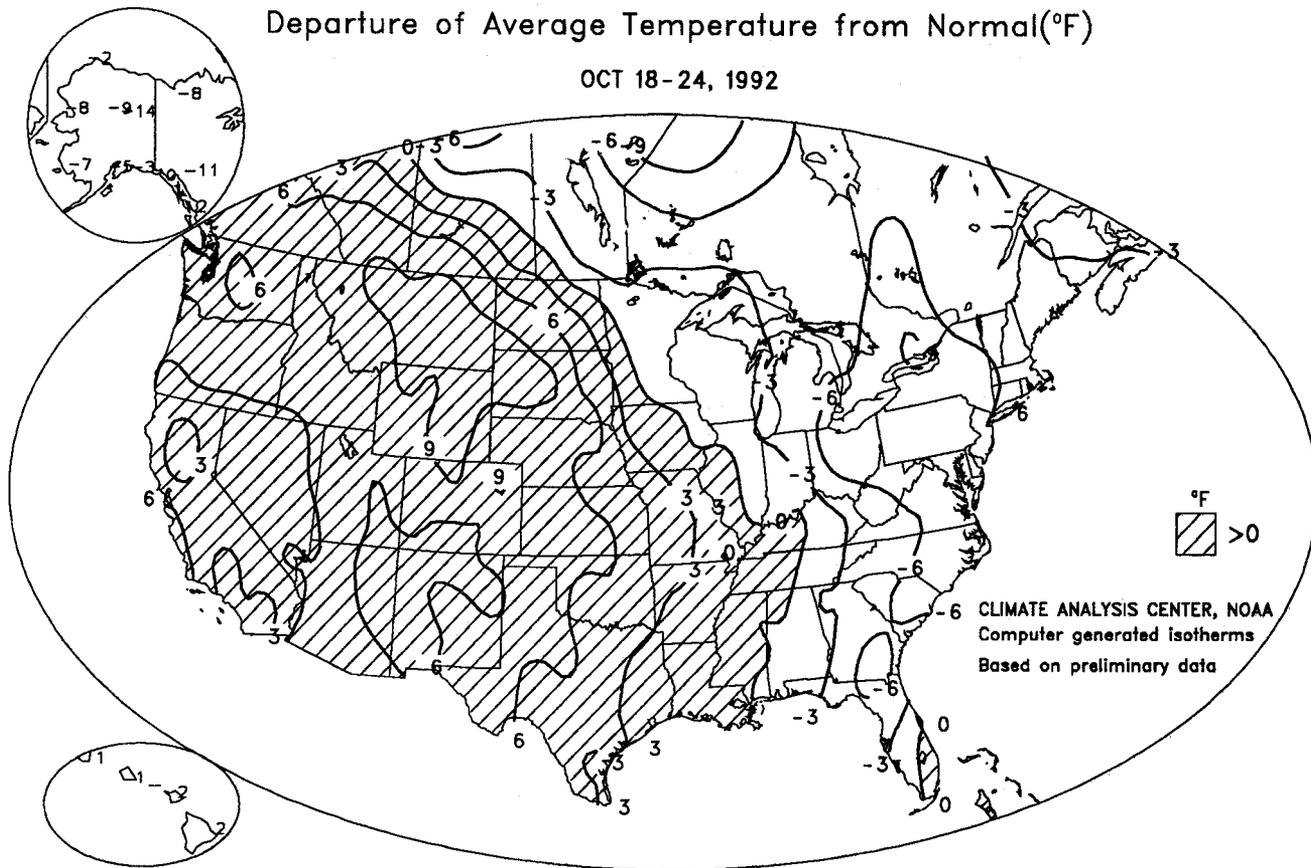
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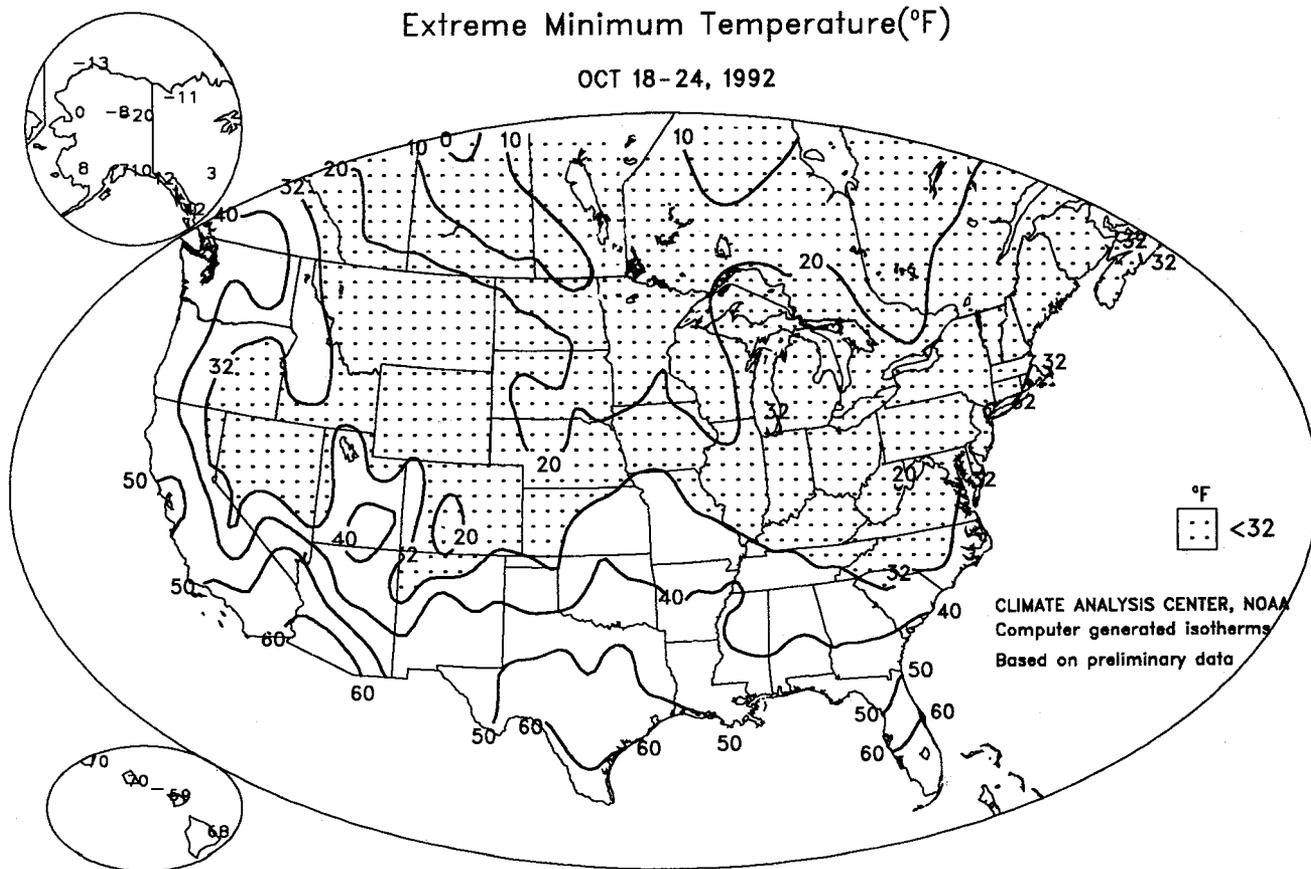
Departure of Average Temperature from Normal(°F)

OCT 18-24, 1992



Extreme Minimum Temperature(°F)

OCT 18-24, 1992



National Weather Data for Selected Cities

Weather Data for the Week Ending **October 24, 1992**

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 Sept 1	PCT. NORMAL SINCE Sept 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	TEMP. °F		PRECIP.	
																		90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	74	44	79	36	59	-1	.0	-1.6	.0	7.6	120	43.1	95	96	43	0	0	0	0		
MOBILE	78	52	82	46	65	-1	.0	-1.5	.0	3.9	46	52.2	95	90	43	0	0	0	0		
MONTGOMERY	77	46	83	40	62	-1	.0	-1.4	.0	3.5	54	46.9	115	95	38	0	0	0	0		
AK ANCHORAGE	34	23	38	12	29	-3	.1	-1.3	.0	3.8	101	11.5	92	87	54	0	7	2	0		
BARROW	12	4	21	-13	8	-3	.1	-1.1	.1	.6	61	2.2	55	89	81	0	7	2	0		
FAIRBANKS	20	2	25	-11	11	-10	.1	-1.0	.1	2.2	133	10.6	120	87	57	0	7	2	0		
JUNEAU	45	39	49	31	42	2	1.1	-1.7	.8	16.8	134	64.8	155	93	74	0	2	5	1		
KODIAK	43	30	48	24	37	-2	1.5	-1.0	.9	5.0	43	45.2	94	89	58	0	6	3	2		
NOME	28	16	34	7	22	-3	.0	-1.2	.0	3.0	91	10.3	80	81	57	0	7	0	0		
AZ PHOENIX	93	69	95	66	81	10	.1	-1.1	.1	1.0	10	10.9	200	45	21	7	0	2	0		
PRESCOTT	76	46	82	41	61	6	.7	-1.5	.6	.7	45	18.1	166	69	30	0	0	2	1		
TUCSON	90	61	95	57	76	8	.0	-1.2	.7	.9	47	13.0	139	53	21	4	0	0	0		
YUMA	91	69	98	67	80	6	.0	-1.1	.0	0.0	0	3.5	186	76	34	4	0	0	0		
AR FORT SMITH	76	51	84	43	64	4	.1	-1.6	.1	7.1	125	36.9	113	92	38	0	0	1	0		
LITTLE ROCK	73	54	83	42	64	3	.2	-1.4	.2	3.5	55	35.7	90	76	42	0	0	1	0		
CA BAKERSFIELD	81	55	85	50	68	2	.2	-1.1	.7	0	5.7	136	74	39	0	0	0	0	0		
EUREKA	67	52	76	49	60	6	.7	-1.0	.4	1.3	45	16.6	65	94	68	0	0	2	0		
FRESNO	79	55	84	51	67	4	.2	-1.1	.2	2.2	55	9.5	127	91	44	0	0	1	0		
LOS ANGELES	75	62	90	59	69	3	.3	-1.2	.2	3	121	12.2	141	93	62	1	0	2	0		
REDDING	78	49	87	45	63	0	.9	-1.4	.8	1.2	49	21.4	77	94	31	0	0	2	1		
SACRAMENTO	78	52	80	48	65	3	.2	-1.0	.2	2	24	10.3	89	98	43	0	0	1	0		
SAN DIEGO	73	63	76	60	68	2	.1	-1.0	.1	1	26	10.1	152	87	64	0	0	1	0		
SAN FRANCISCO	75	55	80	52	65	5	.1	-1.2	.1	1	15	13.6	102	95	54	0	0	2	0		
CO DENVER	76	40	81	29	58	9	.0	-1.2	.0	1	13.1	96	61	16	0	1	0	0	0		
GRAND JUNCTION	75	46	79	41	60	8	.0	-1.2	.0	3	23	6.6	101	48	21	0	0	0	0		
FUEBLO	77	33	82	27	55	3	.0	-1.2	.0	.8	53	10.1	103	71	22	0	4	0	0		
CT BRIDGEPORT	57	40	63	33	48	-5	.3	-1.5	.3	7.6	132	37.3	113	85	48	0	0	2	0		
HARTFORD	55	35	62	28	45	-6	.3	-1.5	.3	4.4	66	33.5	95	92	46	0	3	2	0		
DC WASHINGTON	59	40	68	32	50	-7	.3	-1.3	.3	5.0	93	29.7	92	80	45	0	1	1	0		
FL APALACHICOLA	77	56	80	51	67	-2	.0	-1.0	.0	11.2	100	51.5	107	86	57	0	0	0	0		
DAYTONA BEACH	77	62	80	56	70	-2	.3	-1.7	.1	11.7	113	43.7	102	86	57	0	0	3	0		
JACKSONVILLE	75	51	80	46	63	-5	.0	-1.7	.0	16.2	171	61.2	131	97	48	0	0	0	0		
KEY WEST	82	74	86	72	78	-1	.5	-1.1	.7	9.2	90	33.2	99	81	61	0	0	0	0		
MIAMI	84	72	89	68	78	1	.5	-1.0	.4	8.5	61	42.0	81	78	54	0	0	2	0		
ORLANDO	80	61	84	58	71	-3	.3	-1.3	.3	12.3	141	49.4	109	91	52	0	0	2	0		
TALLAHASSEE	77	44	82	39	61	-5	.7	-1.6	.3	6.7	77	54.1	97	95	45	0	0	0	0		
TAMPA	81	60	85	56	71	-2	.5	-1.4	.4	5.2	65	31.6	75	89	45	0	0	0	0		
WEST PALM BEACH	83	69	86	64	76	-1	.5	-1.1	.2	9.3	60	46.2	88	83	51	0	0	3	0		
GA ATLANTA	70	48	77	41	59	-1	.0	-1.6	.0	11.4	225	43.6	108	85	42	0	0	0	0		
AUGUSTA	72	41	79	33	57	-4	.7	-1.4	.0	8.1	160	42.3	114	97	39	0	0	1	0		
MACON	74	43	81	38	59	-4	.0	-1.4	.0	5.4	112	44.3	117	97	39	0	0	0	0		
SAVANNAH	73	48	79	43	60	-4	.1	-1.3	.1	12.0	173	51.7	116	91	42	0	0	1	0		
HI HILO	86	69	88	68	78	3	.9	-1.6	.4	18.8	135	75.6	77	87	62	0	0	3	0		
HONOLULU	88	73	89	70	80	2	.1	-1.4	.1	4.2	213	10.9	68	88	58	0	0	1	0		
KAHULUI	88	71	89	59	79	2	.7	-1.2	.0	2.6	295	10.4	80	84	58	0	0	0	0		
LIHUE	83	73	84	70	78	1	.1	-1.1	.0	6.0	107	22.8	72	89	70	0	0	2	0		
ID BOISE	72	41	79	36	56	7	.7	-1.2	.7	.5	41	4.7	54	61	24	0	0	0	0		
LEWISTON	68	45	74	42	57	7	.7	-1.2	.7	1.1	68	8.5	84	75	38	0	0	1	0		
POCATELLO	72	34	79	27	53	7	.7	-1.2	.7	.7	51	5.4	63	74	21	0	2	1	0		
IL CHICAGO	59	37	76	21	48	-3	.2	-1.2	.2	6.1	108	22.2	76	89	48	0	2	2	0		
MOLINE	65	38	81	20	51	0	.2	-1.4	.2	5.6	96	28.5	87	91	40	0	3	2	0		
PEORIA	64	40	80	23	52	1	.1	-1.4	.1	6.9	122	23.8	78	89	42	0	2	2	0		
QUINCY	66	44	80	28	55	2	.1	-1.6	.1	2.7	40	20.2	61	72	39	0	1	1	0		
ROCKFORD	60	36	78	18	48	-1	.1	-1.5	.1	5.9	99	23.1	72	94	48	0	2	2	0		
SPRINGFIELD	68	42	83	23	55	2	.2	-1.4	.2	2.2	41	20.1	68	89	39	0	2	2	0		
IN EVANSVILLE	68	41	79	30	55	0	.1	-1.5	.1	4.0	89	29.7	87	90	41	0	1	1	0		
FORT WAYNE	57	35	74	26	46	-4	.2	-1.4	.2	8.5	188	33.8	117	92	50	0	3	1	0		
INDIANAPOLIS	62	39	74	25	50	-2	.1	-1.5	.1	6.0	131	34.2	106	92	48	0	2	2	0		
SOUTH BEND	58	38	76	33	48	-3	.2	-1.5	.2	10.5	184	29.1	92	86	53	0	0	2	0		
IA DES MOINES	67	41	80	28	54	3	.7	-1.4	.7	5.3	112	26.1	94	85	41	0	2	1	0		
SIoux CITY	68	39	81	22	53	3	.0	-1.4	.0	6.3	162	28.0	119	93	43	0	3	0	0		
WATERLOO	63	35	83	21	49	1	.1	-1.4	.1	2.7	52	23.5	79	95	43	0	3	1	0		
KS CONCORDIA	71	45	80	31	58	4	.0	-1.3	.1	5.8	130	35.9	143	90	43	0	1	1	0		
DODGE CITY	76	46	82	30	61	6	.0	-1.3	.0	1.1	38	19.0	101	91	41	0	1	0	0		
GOODLAND	75	40	84	24	57	7	.0	-1.2	.0	4.5	212	24.8	165	81	27	0	1	0	0		
TOPEKA	74	47	83	35	61	6	.7	-1.6	.7	4.8	84	28.1	94	87	41	0	0	0	0		
WICHITA	76	51	83	38	64	7	.3	-1.2	.3	4.9	90	28.1	109	88	42	0	0	1	0		
KY BOWLING GREEN	67	42	78	30	54	-1	.7	-1.7	.7	5.3	99	31.2	78	91	47	0	1	0	0		
LEXINGTON	65	40	74	26	53	-2	.7	-1.5	.7	4.0	80	43.7	114	85	40	0	1	0	0		
LOUISVILLE	67	43	77	31	55	0	.1	-1.5	.1	4.3	82	34.3	96	87	41	0	1	1	0		
LA BATON ROUGE	81	53	84	47	67	1	.0	-1.6	.0	2.2	35	57.0	123	97	44	0	0	0	0		
LAKE CHARLES	81	56	85	48	68	1	.0	-1.8	.0	5.5	65	51.1	116	97	42	0	0	0	0		
NEW ORLEANS	79	56	82	50	67	0	.0	-1.5	.0	6.8	87	60.7	122	94	48	0	0	0	0		
SHREVEPORT	79	50	83	42	65	0	.0	-1.6	.0	5.9	112	37.5	106	94	41	0	0	0	0		

Based on 1951-80 normals.

Weather Data for the Week Ending October 24, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sept 1	PCT. NORMAL SINCE Sept 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	TEMP. °F		PRECIP.	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	45	33	49	26	39	.2	.4	-.3	.2	2.9	49	31.0	105	86	63	0	0	4	0	
PORTLAND	51	37	56	28	44	.2	.8	-.1	.4	5.0	81	31.4	94	94	54	0	0	2	0	
MD BALTIMORE	61	36	71	28	48	.3	.3	-.1	.2	8.1	140	30.3	98	98	49	0	0	1	0	
SALISBURY	61	36	71	25	48	.3	.3	-.1	.2	7.8	111	36.4	96	96	45	0	0	1	0	
MA BOSTON	54	41	66	38	48	.3	.3	-.1	.1	4.9	82	29.1	85	83	51	0	0	1	0	
CHATHAM	54	45	58	38	50	.5	.3	-.1	.5	2.7	41	29.6	81	88	62	0	0	0	0	
MI ALPENA	50	31	76	23	40	.2	.2	-.2	.2	4.9	104	21.2	87	93	54	0	0	0	0	
DETROIT	53	35	74	28	44	.4	.4	-.2	.4	5.6	198	30.6	120	93	53	0	0	0	0	
FLINT	53	33	75	24	43	.4	.4	-.2	.4	7.9	127	30.8	127	94	54	0	0	0	0	
GRAND RAPIDS	54	36	77	30	45	.5	.5	-.2	.5	6.4	151	33.2	120	93	55	0	0	0	0	
HOUGHTON LAKE	49	35	71	30	42	.2	.2	-.3	.2	7.9	140	22.7	97	93	56	0	0	4	0	
LANSING	53	32	75	24	43	.3	.3	-.2	.3	5.3	122	28.8	117	95	51	0	0	4	0	
MARQUETTE	47	30	66	21	39	.2	.2	-.1	.1	5.2	81	24.5	78	92	69	0	0	4	0	
MUSKEGON	55	37	68	32	46	.8	.8	-.2	.8	6.0	119	20.8	82	93	56	0	0	2	0	
SAULT ST. MARIE	45	32	66	21	38	.7	.7	-.4	.7	8.9	146	27.2	101	90	66	0	0	3	1	
MN ALEXANDRIA	53	34	77	16	44	.4	.4	-.4	.4	1.4	38	16.8	75	92	52	0	0	4	0	
DULUTH	50	31	68	16	41	.1	.1	-.4	.1	5.0	102	25.7	98	88	50	0	0	3	0	
INT'L FALLS	49	27	69	14	38	.1	.1	-.4	.1	2.5	54	20.6	95	93	54	0	0	4	0	
MINNEAPOLIS	56	34	81	23	45	.1	.1	-.3	.1	7.3	186	26.7	113	91	50	0	0	2	0	
ROCHESTER	56	34	80	17	45	.1	.1	-.3	.1	6.1	116	21.6	84	91	51	0	0	4	0	
MS GREENWOOD	78	48	85	38	63	.0	.0	-.7	.0	3.0	55	34.4	81	91	42	0	0	2	0	
JACKSON	79	47	84	40	63	.0	.0	-.5	.0	4.5	85	35.0	83	94	38	0	0	0	0	
MERIDIAN	78	46	83	39	62	.0	.0	-.6	.0	2.1	37	47.9	110	94	38	0	0	0	0	
MO CAPR GIRARDEAU	68	45	79	35	57	.1	.1	-.5	.1	8.5	153	31.4	86	92	43	0	0	0	0	
COLUMBIA	71	45	82	31	58	.1	.1	-.6	.1	4.7	75	23.1	72	94	47	0	0	2	0	
KANSAS CITY	71	48	80	35	60	.0	.0	-.7	.0	6.7	96	41.3	127	85	46	0	0	0	0	
SAINT LOUIS	70	49	81	34	59	.2	.2	-.7	.2	3.6	79	22.9	80	77	39	0	0	2	0	
SPRINGFIELD	72	49	79	38	60	.4	.4	-.3	.4	7.5	111	34.0	102	85	41	0	0	0	0	
MT BILLINGS	72	42	82	30	57	1.0	1.0	-.3	1.0	1.1	49	10.7	82	61	23	0	1	1	0	
GLASGOW	69	37	78	25	53	1.0	1.0	-.2	1.0	.9	68	8.1	80	74	31	0	1	1	0	
GREAT FALLS	68	45	77	29	56	1.0	1.0	-.2	1.0	1.9	119	13.0	97	64	31	0	1	1	0	
HAVRE	68	37	79	23	53	.0	.0	-.1	.0	1.1	77	7.3	69	83	35	0	1	1	0	
HELENA	65	34	74	30	49	.9	.9	-.1	.9	1.3	101	8.0	78	87	37	0	2	0	0	
KALISPELL	59	33	65	26	46	.5	.5	-.1	.5	1.4	75	13.2	104	97	54	0	4	0	0	
MILES CITY	73	38	80	28	56	1.0	1.0	-.2	1.0	2.4	133	13.6	106	77	27	0	1	1	0	
MISSOULA	63	33	67	28	48	.0	.0	-.2	.0	1.0	61	9.6	88	93	39	0	5	0	0	
NE GRAND ISLAND	70	40	82	23	55	.0	.0	-.2	.0	3.4	101	28.6	133	93	41	0	1	1	0	
LINCOLN	72	42	84	25	57	.0	.0	-.3	.0	4.1	96	23.2	92	90	33	0	1	1	0	
NORFOLK	71	40	83	21	55	.0	.0	-.3	.0	5.9	188	26.8	121	86	38	0	2	2	1	0
NORTH PLATTE	74	35	86	20	54	.0	.0	-.2	.0	.9	36	22.2	122	91	31	0	3	1	0	0
OMAHA	69	45	81	29	57	.0	.0	-.4	.0	7.3	142	31.6	114	84	47	0	1	1	0	0
SCOTTSBLUFF	75	32	83	26	54	.0	.0	-.2	.0	.8	48	13.6	101	84	21	0	5	0	0	0
VALENTINE	76	34	88	16	55	.8	.8	-.2	.8	1.5	75	17.4	107	80	21	0	2	2	0	0
NV BLY	69	31	75	24	50	.6	.6	-.2	.6	.5	39	7.6	101	67	24	0	5	5	0	0
LAS VEGAS	83	59	87	57	71	1.1	1.1	1.0	1.1	1.1	227	8.0	248	51	22	0	0	0	1	1
RENO	71	37	77	33	54	.6	.6	-.1	.6	.2	43	3.2	59	72	24	0	0	0	1	0
WINNEMUCCA	72	29	78	22	51	.4	.4	-.1	.4	.2	21	2.1	36	62	19	0	5	0	0	0
NE CONCORD	52	32	63	22	42	.0	.0	-.1	.0	.7	85	23.8	82	97	48	0	3	4	1	0
NJ ATLANTIC CITY	59	33	69	24	46	.8	.8	-.3	.8	5.7	110	29.2	87	95	43	0	3	2	0	0
NM ALBUQUERQUE	76	50	78	47	63	.8	.8	-.1	.8	.9	62	9.2	134	61	26	0	0	2	0	0
CLOVIS	74	51	81	44	62	.6	.6	-.4	.6	1.2	36	19.3	123	91	43	0	0	0	0	0
ROSWELL	77	53	83	41	65	.8	.8	-.3	.8	.6	22	12.5	129	90	46	0	0	2	0	0
NY ALBANY	50	34	58	27	42	.7	.7	-.7	.7	1.4	93	24.6	85	92	54	0	3	4	1	1
BINGHAMTON	46	32	60	29	39	.8	.8	-.6	.8	1.3	118	34.0	113	95	51	0	5	5	1	1
BUFFALO	50	33	63	25	42	.8	.8	-.4	.8	6.7	151	38.8	131	90	55	0	3	5	0	0
NEW YORK	57	43	66	36	50	.5	.5	-.2	.5	3.6	60	26.6	77	78	43	0	0	1	0	0
ROCHESTER	50	34	65	27	42	.8	.8	-.1	.8	4.7	102	30.3	118	98	58	0	2	5	0	0
SYRACUSE	51	34	66	29	42	.7	.7	-.6	.7	7.0	123	37.0	117	93	58	0	3	6	1	0
NC ASHEVILLE	63	37	74	28	50	.0	.0	-.7	.0	6.0	96	41.7	113	92	39	0	2	1	1	0
CHARLOTTE	66	44	75	36	55	.3	.3	-.6	.3	13.9	246	44.6	123	81	38	0	0	0	0	0
GREENSBORO	63	38	75	28	51	.5	.5	-.7	.5	5.3	87	34.1	95	89	40	0	2	0	0	0
HATTERAS	65	49	71	40	57	.6	.6	-.1	.6	9.9	105	51.3	113	84	46	0	0	0	0	0
NEW BERN	67	42	75	34	54	.7	.7	-.0	.7	3.6	43	41.8	91	93	42	0	0	0	0	0
RALEIGH	64	39	74	28	52	.6	.6	-.6	.6	4.7	87	34.4	98	98	40	0	1	0	0	0
WILMINGTON	68	42	76	35	55	.8	.8	-.6	.8	5.7	67	54.6	118	92	41	0	0	0	0	0
ND BISMARCK	68	31	81	22	50	.6	.6	-.2	.6	1.4	73	11.2	80	86	31	0	5	0	0	0
FARGO	59	32	80	12	45	.2	.2	-.3	.2	2.7	94	18.0	101	86	44	0	3	0	0	0
GRAND FORKS	56	30	70	11	43	.1	.1	-.2	.1	1.5	52	15.4	92	82	47	0	4	1	0	0
WILLISTON	69	33	83	29	51	.8	.8	-.1	.8	.9	49	10.9	88	83	30	0	1	0	0	0
OH AKRON-CANTON	51	32	67	26	42	.8	.8	-.3	.8	5.8	124	37.8	126	92	57	0	4	3	0	0
CINCINNATI	62	37	73	22	49	.4	.4	-.5	.4	4.3	89	31.8	95	91	49	0	3	1	0	0
CLEVELAND	53	34	71	27	44	.8	.8	-.2	.8	5.5	116	37.7	129	90	55	0	3	3	0	0
COLUMBUS	57	33	72	27	45	.7	.7	-.4	.7	3.5	85	34.3	110	93	52	0	3	2	0	0
DAYTON	59	34	72	23	46	.6	.6	-.5	.6	3.7	96	33.9	117	91	49	0	3	0	0	0

Based on 1951-80 normals.

Weather Data for the Week Ending October 24, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Sept 1	PCT. NORMAL SINCE Sept 1	TOTAL, IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE
													TEMP. °F						PRECIP.		
TOLEDO	56	32	75	25	44	-6	.2	-.3	.1	5.8	146	29.0	111	95	52	0	5	2	0	0	
YOUNGSTOWN	50	32	67	25	41	-8	.2	-.1	.1	7.0	138	34.9	113	97	49	0	4	1	0	0	
OK OKLAHOMA CITY	76	52	82	42	63	4	.4	-.5	.3	2.9	52	31.1	112	93	44	0	0	1	0	0	
TULSA	75	51	81	38	63	4	.4	-.7	.1	3.3	47	30.6	91	95	55	0	0	4	0	0	
OR ASTORIA	63	51	69	48	57	0	1.5	-.6	.6	4.5	58	30.4	65	97	75	0	0	0	1	0	
BURNS	66	29	70	23	48	2	.0	-.0	.0	1.8	73	6.8	94	85	27	0	5	0	0	0	
MEDFORD	73	43	79	40	58	6	.6	-.2	.4	1.1	57	8.6	67	96	37	0	0	2	0	0	
PENDLETON	69	45	77	41	57	7	1.1	-.1	.1	1.0	79	6.1	70	86	0	0	1	1	0	0	
PORTLAND	66	52	73	48	59	7	.6	-.2	.6	2.2	57	17.7	71	99	66	0	0	0	1	1	
SALEM	69	50	75	47	59	2	.8	-.7	.7	1.9	48	18.4	70	92	59	0	0	1	1	0	
PA ALLENTOWN	53	32	63	26	43	-8	.3	-.4	.3	5.2	83	30.3	84	95	46	0	5	3	3	0	
ERIE	52	40	69	35	46	-4	.8	-.0	.0	10.8	161	35.4	110	88	53	0	0	2	1	0	
HARRISBURG	54	36	65	29	45	-8	.2	-.4	.4	7.2	127	25.8	80	85	44	0	0	2	1	0	
PHILADELPHIA	59	40	65	31	50	-8	.3	-.4	.4	4.1	73	22.3	66	82	38	0	0	2	2	0	
PITTSBURGH	54	32	68	23	43	-8	.2	-.4	.4	4.3	93	30.4	89	93	47	0	0	3	3	0	
SCRANTON	51	35	61	31	43	-7	.7	-.1	.1	4.5	83	23.0	80	91	50	0	0	3	3	0	
RI PROVIDENCE	56	39	67	33	48	-3	.2	-.4	.4	6.3	99	35.2	99	90	48	0	0	4	3	0	
SC CHARLESTON	70	47	78	42	59	-5	.5	-.5	.5	7.9	110	46.7	102	90	44	0	0	0	0	0	
COLUMBIA	71	40	78	31	55	-6	.0	-.0	.0	8.3	138	42.5	99	96	37	0	1	0	0	0	
FLORENCE	69	42	76	34	56	-6	.0	-.5	.0	8.3	140	40.7	106	91	36	0	0	0	0	0	
GREENVILLE	66	41	75	32	54	-6	.0	-.0	.0	10.6	145	47.7	110	93	40	0	1	0	0	0	
SD ABERDEEN	66	33	82	18	50	-5	.0	-.7	.0	1.7	75	14.7	80	85	34	0	5	0	0	0	
HURON	68	35	84	16	52	-5	.0	-.2	.0	1.7	75	14.7	80	87	38	0	2	0	0	0	
RAPID CITY	76	38	89	20	57	10	.0	-.3	.0	2.6	107	20.9	122	87	38	0	0	0	0	0	
SIoux FALLS	66	38	78	19	52	-5	.0	-.3	.0	3.9	99	12.1	81	63	39	0	2	0	0	0	
TN CHATTANOOGA	70	41	79	33	56	-2	.0	-.0	.0	5.3	133	30.1	136	86	43	0	2	0	0	0	
KNOXVILLE	68	42	76	31	55	-2	.0	-.6	.1	7.6	116	42.8	100	99	43	0	0	0	0	0	
MEMPHIS	75	51	84	42	63	-2	.0	-.6	.1	3.5	70	31.9	84	96	45	0	1	1	0	0	
NASHVILLE	70	46	80	34	58	-2	.0	-.5	.0	4.6	86	36.1	86	81	38	0	0	0	0	0	
TX ABILENE	80	60	86	55	70	-0	.0	-.5	.0	4.6	82	32.0	81	84	38	0	0	0	0	0	
AMARILLO	76	49	82	36	63	-1	.1	-.2	.1	1.8	37	23.1	112	89	46	0	0	0	0	0	
AUSTIN	83	61	89	54	72	4	.0	-.7	.4	14	19.2	109	91	42	0	0	1	1	0	0	
BEAUMONT	81	58	85	51	69	4	.0	-.8	.0	2.5	40	38.2	144	95	49	0	0	0	0	0	
BROWNSVILLE	85	67	88	63	76	5	.5	-.2	.5	4.1	50	50.9	112	97	49	0	0	0	0	0	
CORPUS CHRISTI	85	66	88	58	75	3	.0	-.4	.0	4.5	55	25.4	114	93	57	0	0	2	0	0	
DEL RIO	83	66	86	62	74	3	.0	-.0	.0	5.0	56	35.7	127	94	51	0	0	0	0	0	
EL PASO	80	56	87	46	68	-2	.0	-.0	.1	4	9	18.6	120	78	41	0	0	0	0	0	
FORT WORTH	81	59	87	51	70	-1	.0	-.1	.3	16	9.7	142	77	34	0	0	3	0	0	0	
GALVESTON	78	69	83	66	74	3	.0	-.5	.0	5.4	93	33.6	126	89	47	0	0	1	0	0	
HOUSTON	81	58	86	52	70	1	.0	-.8	.0	5.1	63	41.4	124	84	59	0	0	0	0	0	
LUBBOCK	80	52	85	43	66	-1	.0	-.4	.0	1.9	23	42.7	112	95	49	0	0	0	0	0	
MIDLAND	80	55	83	53	68	-0	.0	-.3	.0	7	20	19.6	121	97	45	0	0	0	0	0	
SAN ANGELO	79	59	86	53	69	-0	.0	-.4	.0	2	5	20.1	164	92	45	0	0	0	0	0	
SAN ANTONIO	84	62	88	54	73	3	.0	-.6	.0	3	6	18.0	112	89	47	0	0	0	0	0	
VICTORIA	84	63	86	58	73	3	.0	-.6	.0	1.1	18	39.9	162	92	46	0	0	0	0	0	
WACO	84	58	91	54	71	5	.0	-.7	.0	4.8	54	45.4	142	97	51	0	0	0	0	0	
WICHITA FALLS	82	54	89	43	68	-0	.0	-.5	.0	2.5	45	30.0	115	90	43	1	0	0	0	0	
UT CEDAR CITY	71	41	77	37	56	7	.4	-.2	.3	1.7	32	22.1	94	92	45	0	0	2	0	0	
SALT LAKE CITY	71	44	76	40	58	7	.1	-.1	.1	37	9.0	106	67	29	0	0	0	0	0	0	
VT BURLINGTON	49	34	57	29	42	-4	1.3	-.7	.9	39	7.7	62	72	29	0	0	1	0	0	0	
VA NORFOLK	62	46	72	39	54	-5	.0	-.7	.0	7.6	143	26.2	94	97	60	0	3	4	1	0	
RICHMOND	63	37	77	28	50	-6	.1	-.8	.1	3.3	48	38.3	100	85	45	0	0	1	0	0	
ROANOKE	62	36	77	24	49	-6	.0	-.8	.1	3.5	54	35.5	97	89	38	0	2	1	0	0	
WA QUILLAYUTE	59	52	65	46	56	7	7.0	4.5	1.9	3.5	60	34.3	104	89	40	0	3	1	0	0	
SEATTLE-TACOMA	64	52	73	47	58	7	.7	-.1	.4	2.5	92	65.3	89	100	83	0	0	7	4	0	
SPOKANE	64	42	71	39	53	8	.2	-.1	.2	13.1	92	65.3	89	100	83	0	0	7	4	0	
YAKIMA	67	40	74	36	53	6	.1	-.0	.1	4	47	8.9	76	91	45	0	0	1	0	0	
WV BECKLEY	59	36	71	25	48	-2	.2	-.4	.2	5.7	4.4	4	81	94	53	0	0	1	0	0	
CHARLESTON	63	35	73	23	49	-4	.1	-.5	.1	2.6	47	31.7	89	84	38	0	3	3	0	0	
HUNTINGTON	65	37	75	24	51	-4	.0	-.5	.0	2.1	43	33.2	93	95	39	0	3	2	0	0	
PARKERSBURG	61	33	73	24	47	-7	.1	-.5	.0	4.5	31.3	91	92	41	0	2	2	0	0	0	
WI GREEN BAY	54	33	74	21	43	-3	.2	-.2	.2	3.0	63	29.3	91	96	43	0	4	2	0	0	
LACROSSE	56	36	78	20	46	-3	.1	-.3	.1	6.5	137	22.7	94	99	57	0	4	2	0	0	
MADISON	57	35	77	18	46	-2	.3	-.2	.2	7.3	145	26.5	98	90	53	0	2	1	0	0	
MILWAUKEE	56	37	74	25	47	-2	.4	-.1	.4	7.0	147	24.9	93	87	53	0	2	2	0	0	
WAUSAU	52	33	73	18	43	-2	.1	-.3	.1	5.6	122	26.2	99	91	56	0	3	3	0	0	
WY CASPER	74	37	79	25	56	11	.0	-.2	.0	10.6	187	28.5	101	97	62	0	3	2	0	0	
CHEYENNE	71	38	77	33	55	10	.0	-.1	.0	5	35	7.6	77	63	18	0	2	0	0	0	
LANDER	68	37	76	29	53	9	.0	-.3	.0	2	13	10.5	86	56	18	0	0	1	0	0	
SHERIDAN	71	36	83	27	54	9	.0	-.3	.0	4	20	10.6	92	58	19	0	2	0	0	0	
										1.3	64	12.5	94	70	25	0	1	0	0	0	

Based on 1951-80 normals.

National Agricultural Summary

October 19 - 25, 1992

HIGHLIGHTS: Warm temperatures and dry weather across the Great Plains allowed row crop harvests to advance. The beginning of the week saw a killing frost across much of the eastern Corn Belt, ending the growing season for field crops in that area. California received their first rain of the rainy season.

SMALL GRAINS: Winter wheat seedings progress advanced but fell slightly behind last year's pace. Seeding reached 86 percent (%) complete in the 19 major producing States, compared with 87% last year and 88% average. Seeding progress in the Northwest and north-central Plains was average or ahead, while the rest of the Nation was behind. Winter wheat emergence was at 67%, compared to 66% last year and 72% average. Seeding of oats and barley was active in the Southeast and West. Rye seeding advanced in the Atlantic Coast States.

CORN: Corn harvest continued and remained behind last year's pace in all the major States except Texas. Producers in Iowa and Wisconsin were waiting for corn to dry down before harvesting. In Nebraska, harvest was 3 weeks behind normal. Harvest was 33% complete in the 17 major producing States, compared with 88% last year and 76% average. Nationally, the crop was 95% fully mature, compared with 100% last year and 99% average.

SOYBEANS: Continued favorable conditions allowed the soybean harvest to advance rapidly. Harvest was 75% complete in the 19 major States, compared to 81% last year and 75% average. Good progress was made in the lower Mississippi Valley, the Ohio Valley, and South Dakota.

COTTON: Favorable weather allowed rapid advance of the harvest in California, Arizona, Arkansas, and Mississippi. Nationally, the harvest was ahead of average from California to Louisiana, and behind average elsewhere. Forty-six percent of the crop was harvested, compared to 50% last year and 47% average. Cotton boll openings were reported on 83% of the acreage, compared to 86% last year and 88% average.

SORGHUM: Continued warm, dry weather in the major production areas was favorable for crop progress over the major sorghum-producing areas. The crop was rated 89% mature, compared to 97% last year and 94% average. Nationally, harvest was 47% completed, compared to 85% last year and 71% average. Harvest was 2 to 3 weeks behind last year's pace. In Nebraska, harvest was 3½ weeks behind normal. The Texas harvest in the High Plains was slowed by high grain moisture content.

OTHER FIELD CROPS: Peanut harvest neared completion in Alabama and Georgia and advanced in Texas. Sugar beet harvest continued, with Minnesota and Colorado nearly completed, Idaho

and Wyoming over 70% finished, and Michigan half completed. Sugar cane planting was active in Florida and near completion in Louisiana. Harvest advanced in Louisiana and was gaining momentum in Florida. Potato harvest in the far Northwest was nearing completion. Sunflower harvest was about 61% completed, compared to 95% last year in the Upper Midwest. Flax harvest was winding down in North Dakota.

FRUIT AND NUTS: Grapefruit harvest advanced in eastern Florida, the Riverside area of California, and west and central Arizona. Harvest of early oranges and navels continued in Florida. Navel orange harvest advanced, and Valencia harvest was completed in California. Lemon harvest continued in western and central Arizona and the Riverside area of California. Cranberry harvest was nearly completed in Washington and Oregon, and continued in New Jersey. Pecan harvest was underway in Georgia and Texas. The crop was rated mostly fair in Georgia and good in New Mexico. Hazelnut harvest was virtually completed in the Willamette Valley of Oregon. The red delicious harvest was ending in New York, while other varieties were being picked for storage. Washington apple harvest was completed in Yakima county and near completed in Grant and other western counties. Date and olive harvests advanced in California. Concord grapes in the Lake Erie region of New York suffered significant losses due to freezing temperatures.

VEGETABLES: Growing conditions were good in the major vegetable-producing regions of Florida. In Texas, winter greens progressed nicely, while land preparations for spring crops began. Planting of winter broccoli, cauliflower, and cabbage progressed in the Desert Area of California. Harvesting activity increased in the central and glades regions of Florida, with tomatoes, cucumbers, corn, and squash in good quantity. Broccoli and celery harvests advanced in the Salinas-Watsonville and Santa Maria areas of California. The fall harvest of vegetables was slowed by wet weather in the Westside Area. Carrot harvest was started in Texas, California, and Oregon. Melon harvest advanced in Texas, while cauliflower harvest was active in California and Oregon.

PASTURES AND LIVESTOCK: Pastures across the Nation remained in generally fair to good condition, except along the Pacific Coast, Nevada, Utah, and Idaho, where pastures were generally poor. Livestock remained in generally good condition nationwide.

Crop Progress

for the Week Ending October 25, 1992

GRAIN SORGHUM
(Percent Mature)

	Current	Last Wk	1991	Avg.
AR	100	100	99	100
CO	77	63	93	88
IL	99	98	100	99
KS	80	65	98	90
LA	100	100	100	100
MS	100	100	100	100
MO	95	92	99	100
NE	97	92	100	100
NM	96	95	73	NA
OK	79	70	72	84
SD	93	89	100	100
TX	94	88	96	95
12 States	89	81	97	NA
Excl. States with NA	89	81	97	94

NA - not available.

These 12 States produced 98% of the 1991 grain sorghum crop.

GRAIN SORGHUM
(Percent Harvested)

	Current	Last Wk	1991	Avg.
AR	99	98	95	96
CO	21	18	63	39
IL	53	45	92	74
KS	20	15	85	60
LA	100	100	97	98
MS	100	98	96	97
MO	69	58	83	79
NE	20	9	97	86
NM	29	11	9	NA
OK	31	21	28	27
SD	53	31	100	81
TX	81	79	83	76
12 States	47	41	84	NA
Excl. States with NA	47	41	85	71

NA - not available.

These 12 States produced 98% of the 1991 grain sorghum crop.

COTTON
(Percent Bolls Opening)

	Current	Last Wk	1991	Avg.
AL	86	79	99	99
AZ	100	100	99	100
AR	98	95	99	98
CA	100	100	100	100
GA	90	79	96	95
LA	100	100	98	100
MS	100	100	100	100
MO	96	92	98	100
NM	96	96	95	95
NC	97	94	100	100
OK	59	45	77	78
SC	98	96	96	97
TN	100	97	100	100
TX	68	57	73	76
14 States	83	76	86	88

These 14 States produced 99% of the 1991 cotton crop.

CORN
(Percent Mature)

	Current	Last Wk	1991	Avg.
CO	94	85	97	97
GA	100	100	100	100
IL	96	94	100	100
IN	100	98	100	100
IA	100	100	100	100
KS	99	98	100	100
KY	99	98	100	99
MI	70	50	100	97
MN	99	87	99	99
MO	100	99	100	100
NE	100	98	100	100
NC	100	100	100	100
OH	90	67	100	100
PA	71	50	97	84
SD	88	84	100	100
TX	100	99	100	100
WI	70	60	100	100
17 States	95	89	100	99

These 17 States produced 94% of the 1991 corn crop.

CORN
(Percent Harvested)

	Current	Last Wk	1991	Avg.
CO	28	18	46	32
GA	96	92	100	98
IL	43	26	97	84
IN	32	19	92	65
IA	24	14	84	86
KS	75	65	97	85
KY	73	55	89	75
MI	8	5	65	40
MN	23	10	86	82
MO	55	46	92	88
NE	26	16	93	78
NC	87	76	90	88
OH	15	10	85	52
PA	12	10	54	31
SD	19	14	96	84
TX	98	95	95	97
WI	15	8	68	57
17 States	33	22	88	76

These 17 States produced 94% of the 1991 corn crop.

COTTON
(Percent Harvested)

	Current	Last Wk	1991	Avg.
AL	42	28	80	74
AZ	70	58	44	45
AR	63	42	83	72
CA	65	45	35	37
GA	33	18	54	59
LA	91	78	85	86
MS	68	49	84	79
MO	53	47	87	77
NM	14	13	9	10
NC	28	12	51	44
OK	18	11	13	14
SC	31	15	50	56
TN	51	33	76	71
TX	30	28	32	27
14 States	46	36	50	47

These 14 States produced 99% of the 1991 cotton crop.

WINTER WHEAT
(Percent Planted)

	Current	Last Wk	1991	Avg.
AR	44	29	45	40
CA	5	3	1	8
CO	100	99	98	98
GA	9	8	12	11
ID	95	92	90	94
IL	88	78	94	86
IN	82	71	88	81
KS	96	95	95	95
MI	80	70	95	90
MO	64	48	70	72
MT	98	96	99	100
NE	100	100	100	100
NC	26	17	31	27
OH	80	70	90	80
OK	86	82	91	91
OR	84	74	79	75
SD	100	100	100	100
TX	78	74	79	85
WA	100	99	86	92
19 States	86	83	87	88

These 19 States produced 92% of the 1991 winter wheat crop.

WINTER WHEAT
(Percent Emerged)

	Current	Last Wk	1991	Avg.
AR	25	8	25	24
CA	1	0	0	1
CO	93	90	89	90
GA	4	4	9	8
ID	69	60	62	68
IL	60	29	64	56
IN	51	27	65	55
KS	80	70	70	85
MI	65	50	80	75
MO	37	22	42	48
MT	75	68	77	83
NE	100	98	92	98
NC	12	9	19	16
OH	50	30	60	50
OK	57	55	62	68
OR	61	37	36	41
SD	93	90	99	95
TX	55	50	64	67
WA	85	81	73	77
19 States	67	59	66	72

These 19 States produced 92% of the 1991 winter wheat crop.

SOYBEANS
(Percent Harvested)

	Current	Last Wk	1991	Avg.
AL	30	18	38	39
AR	51	32	44	39
GA	17	12	24	25
IL	89	81	97	91
IN	85	75	92	78
IA	95	82	97	98
KS	75	55	90	65
KY	39	22	57	42
LA	73	53	58	63
MI	25	20	85	65
MN	92	77	97	98
MS	53	38	49	48
MO	74	55	75	71
NE	96	84	100	95
NC	12	5	11	13
OH	75	65	92	74
SC	5	2	14	10
SD	79	61	100	99
TN	27	16	34	38
19 States	75	62	81	75

These 19 States produced 95% of the 1991 soybean crop.

**Crop Condition
(Percent)**

for the Week Ending October 25, 1992

CORN

State	VP	P	F	G	EX
CO	0	3	14	71	12
GA	0	0	15	71	14
IL	0	0	4	57	39
IN	0	0	9	75	16
IA	0	1	4	55	40
KS	0	0	14	24	62
KY	0	0	3	51	46
MI	5	10	25	45	15
MN	5	10	47	38	0
MO	0	0	11	71	18
NE	1	6	12	56	25
NC	0	0	31	61	8
OH	1	3	22	50	24
PA	1	5	19	52	23
SD	2	4	21	53	20
TX	0	4	16	56	24
WI	2	6	34	55	3
17 State	1	3	16	55	25
Prev Week	1	3	17	61	18
Prev Year	N/A	N/A	N/A	N/A	N/A

COTTON

State	VP	P	F	G	EX
AL	0	0	19	69	12
AZ	0	0	33	56	11
AR	0	0	11	73	16
CA	0	0	0	60	40
GA	0	0	6	68	26
LA	0	2	67	31	0
MS	0	0	65	35	0
MO	0	0	30	62	8
NM	0	22	56	22	0
NC	0	3	49	46	2
OK	0	2	33	65	0
SC	0	0	45	55	0
TN	0	0	9	87	4
TX	2	3	62	31	2
14 State	1	2	46	44	7
Prev Week	0	5	50	40	5
Prev Year	0	5	31	57	7

GRAIN SORGHUM

State	VP	P	F	G	EX
AR	0	0	8	69	23
CO	9	9	24	49	9
IL	0	0	12	66	22
KS	0	6	13	40	41
LA	2	13	39	46	0
MS	0	0	23	77	0
MO	0	0	13	69	18
NE	1	3	26	52	18
NM	0	0	29	71	0
OK	0	0	29	70	1
SD	9	13	44	28	6
TX	0	2	35	51	12
12 State	1	4	24	50	21
Prev Week	1	4	24	49	22
Prev Year	N/A	N/A	N/A	N/A	N/A

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.

ALABAMA: Rainfall none statewide. Temperatures 4° below normal to 4° above normal north; 2° to below normal to 2° above normal central, south. Lows 31 to 44° north; 34 to 46° central; 38 to 48° south. Highs 77 to 82° north; 79 to 84° central; 80 to 86° south.

Days suitable for fieldwork 6.2. Soil moisture 20% short, 80% adequate. Corn 93% harvested, 99% 1991, 96% avg. Sorghum 80% harvested, 85% 1991, 86% avg. Peanuts 94% dug, 98% 1991, 97% avg.; 87% combined, 94% 1991, 92% avg. Pasture 3% poor, 19% fair, 69% good, 9% excellent. Livestock 9% fair, 83% good, 8% excellent. Activities: Harvesting vegetables, hay, corn, sorghum, peanuts, cotton; plowing fields for small grain seeding; planting small grains, marketing cattle; repairing machinery; general care of livestock, poultry, catfish.

ARIZONA: Cloudy, 19th; thunderstorms 20th, east; light showers 22nd, statewide; thunderstorms 23rd to 24th, statewide. Temperatures 4 to 10° above normal. Extremes 31°; 90°, higher elevations; 43°; 98° deserts.

Cotton bolls opening 100%, 99% 1991, 100% avg.; harvested 70%, 44%, 45% avg.; 33% fair, 56% good, 11% excellent; insects, weeds moderate; Activities included insect monitoring, pesticide applications, defoliating, harvesting, stalk shredding, plow down statewide. Alfalfa good; weeds, insects light to moderate; harvest, moderate. Rain damage moderate statewide. Lemons, grapefruits harvested, west, central. Cantaloupes, honeydews, green onions, sweet corn, rapini, navel oranges harvested, central. Apples, pistachios, garlic, lettuce, chili peppers, pumpkins east. Squash, watermelons harvested central, east.

ARKANSAS: Temperatures near normal, scattered showers, middle of week. Extremes 26°; 89°. Rainfall none to 0.91 in.

Days suitable for fieldwork 6. Soil moisture supplies 75% short, 20% adequate, 5% surplus. Activities: Defoliating cotton, wheat seedbed preparation, harvesting cotton, milo, corn, rice, hay, planting wheat, oats, fall forage planting, marketing calves, working cattle. Cotton harvest intensified. Backlog at most gins. Cotton gins running full time. As of October 22, the cotton classing office reported 478,781 bales of Arkansas cotton had been classed. Soybean harvest continued. Some storage problems at elevators in northeast due to large crop. Rice harvest almost complete. Grain sorghum harvest winding down. Corn harvest complete. Small grains in central, east central received much needed moisture. Still dry in northeast. Livestock good. Pastures mostly fair. Pastures supplying average forage for herds. Rainfall needed on fall pastures in northwest, west central. Hay harvest nearing completion.

CALIFORNIA: High pressure weakened midweek, allowed frontal system through north, central areas. Rainfall up to 1.00 in. By weekend upper level low brought scattered thundershowers to the south. Hail reported some mountain areas. Temperatures near to a little above normal.

Midweek rainfall slowed field activities north. Elsewhere, good progress fieldwork. Rice harvest hampered, wet conditions. Stubble cut, baled; some areas allowed stubble burning following State air quality restrictions. Cotton harvest rapid. Shredding, plow down for pink bollworm control followed harvest. Defoliation virtually complete. Sugarbeets, new alfalfa, barley, oats seeded. Grain corn, silage corn, dry beans, grain sorghum, sugarbeets harvested. Ground preparation fall seeded wheat, forage crops. Limited wheat seeding. Alfalfa hay harvest normal. Harvest late variety table grapes continued. Vineyards treated, nematicides. Walnut, almond, pistachio harvests essentially complete. Almond orchards fumigated. Persimmons, pomegranates, apples harvested, packed. Kiwifruit harvest full swing. Coachella, Palo Verde Valley date harvests progressed. Olive, avocado harvests continued. Coachella Valley tangerine harvest began. Riverside County picked grapefruit, lemons. Valencia orange harvest drew close; Navel orange harvest slowly gathered momentum. Strawberry harvest active central coast, good demand, quality. Picking central valley active. Broccoli, celery moderate, good quality Salinas-Watsonville; variable quality Santa Maria. Cauliflower moderate, variable quality central coast. Planting winter broccoli, cauliflower, cabbage progressed desert area. Carrots fairly light Kern district. Iceberg lettuce harvest seasonally decreasing Salinas-Watsonville, increasing central valley, moderate Santa Maria; variable quality. Fall harvest Westside area slowed wet weather. Leaf, Romaine lettuce Salinas-Watsonville fairly heavy, variable quality. Melon harvest complete Merced-Atwater, light amounts from Kern-Tulare area. Onion harvest complete Tularelake. Fall potato harvest finished Siskiyou, nearing completion Modoc. Fall storage potato movement active. Sweet potato movement moderate Atwater-Livingston. Pumpkin harvest complete Hemet, continued other areas. Other vegetables harvested: snap beans, sweet corn, cucumbers, eggplant, squash, fresh market tomatoes, peppers. Rangeland, pasture conditions mostly poor northern third; other areas fair to very poor. Recent scattered rains very little impact on improving range. Water supply poor. Stubble grazed, increased occurrences of supplemental feeding. Livestock good, market movement moderate to heavy.

COLORADO: Dry, mild until the 21st when a weak cold front lowered temperatures and brought light showers. On the 23rd above normal temperatures returned through the weekend. Temperatures ranged from 2 to 4° above normal.

Days suitable for fieldwork 6.7. Soil moisture 21% very short, 45% short, 34% adequate. Sorghum mature 77%, 93% 1991, 88% avg.; harvested 21%, 63% 1991, 39% avg. Dry beans harvested 98%, 96% 1991, 97% avg. Corn mature stage 94%, 97% 1991, 97% avg.; harvested 28%, 46% 1991, 32% avg.; 3% poor, 14% fair, 71% good, 12% excellent. Sugarbeets harvested 95%, 33% 1991, 47% avg. Winter Wheat emerged 93%, 89% 1991, 90% avg. Livestock mostly good. Pasture, range feed fair.

FLORIDA: Only east, central Peninsular stations reported rainfall. Rain mostly under 0.50 in., many locations 0.25 in. Rainfall up to 1.50 in. below normal. Temperatures 1 to 3° below normal Panhandle, 3 to 5° below normal north, central, inland south Peninsula. Temperatures near normal along east, southeast coasts. Highs; 80s. Lows; mostly low to mid 40s north, mid to upper 50s south, except low to mid 60s east, southeast coasts.

Soil moisture mostly adequate throughout State. Cotton harvest active. Peanut harvest winding down. Soybean, sugarcane harvest gaining momentum. Sugarcane planting active. Citrus groves, trees excellent. Subsurface moisture adequate. Low volume irrigation used to increase fruit sizes. New growth slowing. Harvest of early oranges, Navels increasing. Most grapefruit supplies coming from east coast packing houses. Early tangerine harvest increasing for fresh use. Caretakers cutting cover crops, fertigating, spraying. Growing conditions good in major vegetable producing regions. Little rainfall, plus breezy winds increased irrigation requirements central, southern areas. Harvesting activity increased central, glades, decreasing north. Volume leaders: tomatoes, cucumbers, corn, squash. Also available: peppers, eggplants, snap beans, cherry tomatoes. State's pastures fair to excellent. Pasture ratings, 40% fair, 55% good, 5% excellent. Moisture levels adequate. State's cattle herds mostly good.

GEORGIA: Cool week. Temperatures 1 to 4° below normal. Extreme highs upper 70s north to middle 80s extreme south. Lows upper 20s northeast mountains to middle to upper 30s central, around 40° south. A dry week just about everywhere. Few showers northeast at middle of week, amounts generally under 0.10 in.

Days suitable for fieldwork 6.4. Soil moisture 1% very short, 21% short, 77% adequate, 1% surplus. Dry weather allowing rapid harvest. Sorghum 12% fair, 88% good; 71% harvested for grain, 83% 1991, 81% avg.; Harvest very active. Peanuts 27% fair, 73% good; 98% dug, 99% 1991, 98% avg.; 90% threshed, 95% 1991, 94% avg. Soybeans 11% fair, 81% good, 8% excellent; Harvest gaining momentum. Wheat 29% fair, 70% good, 1% excellent. Rye 61% planted, 52% 1991, 53% avg. Other small grains 10% fair, 89% good, 1% excellent; 41% planted, 31% 1991, 34% avg. Vegetables 42% fair, 58% good; harvest slowing seasonally. Apples 1% poor, 19% fair, 80% good; 91% harvested, 91% 1991, 95% avg. Pecans 11% very poor, 14% poor, 65% fair, 10% good; 12% harvested, 20% 1991, 16% avg. Hay 2% poor, 30% fair, 68% good. Pasture 2% poor, 27% fair, 71% good. Cattle 6% fair, 93% good, 1% excellent. Hogs 7% fair, 91% good, 2% excellent. Major activities: Harvesting cotton, soybeans, peanuts, and vegetables; planting small grains; renovating pastures; defoliating cotton; cutting hay.

HAWAII: Variable weather. Sunny, dry weather occurred early in week with temperature matching record high 89° in Honolulu on 20th. High pressure systems linked by a ridge caused dry weather at midweek. Rain showers, gusty trades, resulting from tropical depression Yolanda provided a cooler weekend for some areas of the State. Rainfall none to 2.40 in.

Days suitable for fieldwork 7.0. Sunny weather was generally favorable for crop development. Dwindling reservoir supplies Hawaii island, prompted irrigation conservation measures. Shorter day length, overcast skies slowed

progress in some crops. Banana production continued lower. Papaya supplies seasonally increased. Sweet corn production light to moderate.

IDAHO: Temperatures 0 to 10° above normal throughout State. Precipitation fell mainly in the north region.

Days suitable for fieldwork 7. Soil moisture 35% very short, 41% short, 23% adequate, 1% surplus. Winter wheat mostly good. Potato harvest 99%, 95% 1991, 98% avg. Potato good. Sugarbeet harvested 73%, 59% 1991, 64% avg. Third cutting alfalfa 99%. Dry bean harvest 100%, 100% 1991, 100% avg. Field corn for silage 98%, 97% 1991, 98% avg. Field corn for grain 44%, 37% 1991, 38% avg. Apple harvest 100%, 61% 1991, 83% avg. Irrigation water supplies 46% very poor, 17% poor, 14% fair, 23% good. Activities: 3rd to 4th cuttings of alfalfa, harvesting of sugarbeets, corn, dry beans, potatoes. Pasture, range 52% of normal. Livestock good.

ILLINOIS: Fall-like weather was common during the period, as weather systems passing through the State brought fluctuating temperatures, limited precipitation. Temperatures 20s to the low 80s, with an average weekly reading of 50 to 58°, which was 2 to 6° above normal for the State. Sparse precipitation occurred across the northern two thirds of the State, with common readings of 0.10 to 0.30 in., also 0.10 in. or less were reported in the south.

Days suitable for fieldwork 6.5. Soil moisture 20% short, 80% adequate. Pasture condition 87% of normal.

INDIANA: Temperatures fluctuated significantly, averaged near normal across the State Highs, upper 50s to upper 60s. Lows low to mid 30s north to mid 40s far south. Precipitation less than 0.10 in southern two thirds of State while 0.10 to 0.20 in the north.

Days suitable for fieldwork 5.0. Topsoil 6% short, 80% adequate, 14% surplus. Subsoil 13% short, 79% adequate, 8% surplus. Pasture 89%, 90% last week, 58% 1991. Apples harvested 88%. Tobacco processed 9%. Wheat ground plowed 85%, 95% 1991, 89% avg.

IOWA: Temperatures 5 to 9° above normal. Extremes 27°; 83°. All precipitation fell on 19th, none west, 0.33 to 0.35 in. east central; average 0.07 in.

Days suitable for fieldwork 6.6. Topsoil 3% short 90% adequate, 7% surplus. Subsoil 1% short, 91% adequate, 8% surplus. Fall tillage completed for next years row crop acreage 12%, 24% 1991, 31% avg. Row crop acreage fall fertilized 9%; 17% 1991, 23% avg. Corn very slow drying down; farmers waiting for corn to dry more. Average moisture content of corn 27%; moisture content of corn now being harvested 24%. Corn lodging none 26%, light 67%, moderate 7%. Corn ear droppage mostly none and light only 1% moderate. Pasture 20% fair, 64% good, 16% excellent. Livestock mostly good with the exception of some flu reports. Some cattle movement to stalk fields. Hog marketing slow.

KANSAS: Temperatures 1 to 6° above normal over State. Little to no precipitation.

Days suitable for fieldwork 6.5. Surface moisture 40% short, 60% adequate. Subsurface moisture 13% short, 85% adequate, 2% surplus. Principle farm activity is fall harvest. Row crops mostly good to excellent. Sorghum progress still behind normal. Wheat planting mostly complete. Warm, dry weather allowed fall harvest

to make progress. Pastures for State are still good. Rangeland in dryer southwestern district fair. Forage, stockwater adequate for State, with some shortages in dryer areas. Limited supplemental feeding.

KENTUCKY: Warm, dry conditions. Precipitation less than 0.10 in.; most stations none. High temperatures mid 60s to upper 70s, 5° above normal. Low temperatures lower 30s to 40s near normal. Many areas received first killing freeze.

Days suitable for fieldwork 5.5. Soil moisture 3% very short, 30% short, 66% adequate, 1% surplus. Indian summer returned. Burley 16% stripped, 20% 1991, 17% avg. Stripped burley fair to good. Winter wheat 46% seeded, behind 1991, avg. Soybean, corn harvest advancing rapidly, progress behind 1991, avg. Yields excellent. Pasture mostly good.

LOUISIANA: Temperatures 0.7° below to 0.3° above normal. Extremes 38°; 93°. No rainfall statewide.

Days suitable for fieldwork 6.3. Soil moisture 53% short, 47% adequate. Hay 100% second cutting, 96% 1991, 97% avg. Pecans 55% very poor, 32% poor, 13% fair; 16% harvested, 15% 1991, 10% avg. Soybeans 99% turning color, 95% 1991, 98% avg.; 93% shedding leaves, 84% 1991, 86% avg. Wheat 17% planted, 15% 1991, 15% avg.; 4% emerged, 5% 1991, 6% avg. Sugarcane 49% fair, 51% good; 97% planted, 100% 1991, 98% avg.; 22% harvested, 24% 1991, 19% avg. Sugar recovery high, tonnage per acre off. Sweet potatoes 75% harvested, 86% 1991, 84% avg. Livestock 32% fair, 64% good, 4% excellent. Marketing of spring born calves. Pastures 1% very poor, 4% poor, 7% fair, 88% good. Vegetables 7% poor, 67% fair, 24% good, 2% excellent. Crawfish pond flooding continued. Strawberry plants being set out, southeast.

MARYLAND & DELAWARE: **MARYLAND:** Precipitation 0.04 in. Temperature 48.3°, normal 54.1°. Extremes 16°; 81°.

Days suitable for fieldwork 6.1. Topsoil 11% short, 84% adequate, 5% surplus. Subsoil 11% short, 89% adequate. Corn good. Grain harvested 49%, 79% 1991, 77% avg.; silage harvested 93%, 100% 1991, 98% avg. Soybeans fair to good; 99% turned, 100% 1991, 99% avg.; 89% shedding leaves, 95% 1991, 90% avg. Sorghum good; 98% mature, 100% 1991; 33% harvested, 81% 1991. Pastures and cattle, mostly excellent condition. Alfalfa fourth cutting 93%, other hay fourth cutting 44%, supplies mostly adequate. Apples harvested 80%, 84% 1991, 94% avg. Sweet potato harvest active; small grains seeding active, emerging well.

DELAWARE: Precipitation 0.13 in. Temperature 48.7°, normal 54.8°. Extremes 29°; 75°.

Days suitable for fieldwork 6.3. Topsoil 20% short, 80% adequate. Subsoil 100% adequate. Soybeans good; 99% turned, 99% 1991, 99% avg.; 96% shedding leaves, 94% 1991, 91% avg.; 31% harvested, 28% 1991, 35% avg. Corn fair to good; grain harvested: 65%, 95% 1991, 90% avg. Sorghum good; 97% mature, 99% 1991; 16% harvested, 71% 1991. Alfalfa fourth cutting 99%; other hay fourth cutting 81%, supplies mostly adequate. Apple harvested 86% complete, 93% 1991, 93% avg. Lima bean harvest nearly over. Pastures mostly excellent. Small grain seeding active.

MICHIGAN: Temperatures 3 to 6° below normal. Extremes 15°; 77°. Precipitation 0.01 to 1.30 in. across State.

Days suitable for fieldwork 4.0. Soil moisture 40% adequate, 60% surplus. Hay 5% very poor, 10% poor, 25% fair, 45% good, 15% excellent. Corn silage 75% harvested, 100% 1991, 95% avg. Dry beans 95% harvested, 100% 1991, 85% avg.; 10% very poor, 20% poor, 40% fair, 20% good, 10% excellent. Potatoes 95% harvested, 98% 1991, 95% avg. Sugarbeets 50% harvested, 60% 1991, 50% avg. Pasture 75% of normal. Major activities: Fruit, field crop harvest, wheat seeding, fall tillage, herbicide applications.

MINNESOTA: Temperatures near normal to 4° above normal. Extremes 6°; 83°. Precipitation none to 0.22 in., 0.28 to 0.42 in. below normal. Greatest 0.42 in.

Days suitable for fieldwork 5.6. Topsoil 4% very short, 18% short, 64% adequate, 14% surplus. Subsoil 4% very short, 15% short, 67% adequate, 14% surplus. Corn 23% picked/combined 86% 1991, 82% avg.; 27% moisture content 16% 1991, 19% avg.; 8% stubble plowed, 43% 1991, 43% avg. Soybeans 92% combined, 97% 1991, 98% avg.; 11% moisture content, 11% 1991, 10% avg.; 44% stubble plowed, 54% 1991, 61% avg. Sunflowers 60% harvested, 97% 1991, 96% avg. Sugarbeets 96% harvested, 95% 1991, 98% avg.

MISSISSIPPI: Temperatures 62°, 1.0° below normal. Extremes 33°; 85°. State received no rainfall. Average none to 0.58 in. below normal. Soil temperature 65°.

Days suitable for fieldwork 6.3, 5.3 1991, 4.8 avg. Soil moisture 8% very short, 46% short, 43% adequate, 3% surplus. Corn harvested 95%, 93% 1991, 93% avg.; 23% fair, 58% good, 19% excellent. Cotton 68% harvested, 84% 1991, 79% avg.; 65% fair, 35% good. Peanuts harvested 96%, 94% 1991, 95% avg. Rice harvested 99%, 90% 1991, 95% avg.; 30% fair, 70% good. Soybeans shedding leaves 94%, 90% 1991, 95% avg.; 53% harvested, 49% 1991, 48% avg.; 1% fair, 75% good, 24% excellent. Sweetpotatoes harvested 81%, 90% 1991, 86% avg.; 38% fair, 50% good, 12% excellent. Wheat planted 47%, 48% 1991, 45% avg.; 30% emerged, 29% 1991, 28% avg.; 2% poor, 31% fair, 67% good. Pecans 22% harvested, 28% 1991, 12% avg.; 50% very poor, 30% poor, 18% fair, 2% good. Livestock 4% poor, 5% fair, 85% good, 6% excellent. Pasture 90% of normal. Activities: Planting wheat, harvesting crops.

MISSOURI: Temperatures 3° above normal except Bootheel 3° below normal. Rainfall 0.08 in., varying around 0.25 in. eastern districts to virtually dry elsewhere.

Days suitable for fieldwork 5.7. Topsoil 31% short, 64% adequate, 5% surplus. Driest districts central, east central, south-central, highest moisture rating southeast. Corn harvest least advanced northwestern district at 29%, followed by north central 35%, northeast 43%, as high moisture in grain northern counties slowing progress. Corn harvest virtually complete southeast. Soybean harvest varies from southwest 22%, southeast 54%, to around 88% northern districts. Sorghum harvest ranges from 37% northeast to 97% southeast. Cotton harvest slowed by periodic wet weather. Wheat seedings emerging well. Ground worked at least once for spring crops 18%, 26% 1991, 28% avg. Pasture 1% very poor, 10% poor, 39% fair, 47% good, 3% excellent.

MONTANA: Temperatures 5 to 10° above normal with little or no precipitation.

Days suitable for fieldwork 6.0. Topsoil 44% short, 52% adequate, 4% surplus. Subsoil 57% short, 40% adequate, 3% surplus. Sugarbeets 97% harvested, 97% 1991, 93% avg. Potatoes 96%

harvested, 97% 1991, 97% avg. Pasture, range feed 79%, remaining steady from last week. Movement of cattle, calves from summer ranges 73%, sheep, lambs 76%.

NEBRASKA: Temperatures 7 to 11° above normal. A trace of precipitation fell in the northeast, central districts.

Days suitable for fieldwork 6.9. Topsoil 23% short, 76% adequate, 1% surplus. Subsoil 9% short, 88% adequate, 3% surplus. Winter wheat 27% fair, 54% good, 19% excellent. Corn harvest three weeks behind normal; 26% harvested, 93% 1991, 78% avg. Sorghum harvest 3 1/2 weeks behind normal; 20% harvested, 97% 1991, 86% avg. Soybean harvest 96% complete, 100% 1991, 95% avg. Pasture, range condition 96% of normal. Cattle moved to stalk fields as available.

NEVADA: High pressure dominated weather across State during first part of week. A cold front crossed State 21st bringing cooler weather, light showers to northern part of State. High pressure returned to northern areas by weekend, low pressure brought significant rains to southern part of State 24th. Precipitation 0.08 in. central to 1.35 in. southern. Temperatures 5° above normal in the north to 10° above normal in the south. Extremes 16°; 95°.

Harvesting operations essentially completed for 1992 season. Major farm, ranch activities center on preparing for coming winter feeding season. Supplemental feeding already started many areas.

NEW ENGLAND: Precipitation 0.29 to 1.77 in. Temperatures high 30s to low 40s north, low to high 40s south. Maximum temperatures high 40s to high 60s; minimum temperatures low 20s to mid 30s.

Major activities: Potato harvest complete. Finishing harvest of corn silage, late apple varieties, planting winter rye for cover crop, some haying.

NEW JERSEY: Temperatures much below normal. Extremes 26°; 74°. Rainfall 0.39 in. north, 0.25 in. central, 0.40 in. south. Heaviest 24 hour total 0.45 in. on 24th, 25th. Estimated soil moisture, in percent field capacity, averaged 93% north, 76% central, 79% south. Four inch soil temperatures averaged 44° north, 47° central, 48° south.

Soil moisture generally adequate. Pumpkins, apples in good volume. Harvesting sweetpotatoes. Harvesting corn for grain, soybeans. Cranberry harvest continues active. Planting cover crops. Pasture condition good overall.

NEW MEXICO: Temperatures over the State were generally above normal 8° above at lower elevations to 2° above at higher elevations. Some precipitation was recorded over the State a trace to 1.50 in.

Days suitable for fieldwork 6.8. Soil moisture 87% short, 13% adequate. Crop conditions: Alfalfa ranged from poor to excellent, mostly good. Hay harvest complete in most areas. Corn 9% fair, 82% good, 9% excellent; silage harvest complete, grain harvest continues. Irrigated wheat 4% poor, 4% fair, 92% good. Dryland wheat 13% very poor, 13% poor, 36% fair, 38% good. Chile 11% poor, 22% fair, 67% good; red harvest active. Lettuce 20% fair, 80% good. Pecans 5% poor, 35% fair, 60% good. Apples mostly good; harvest active. Cattle, sheep fair to good. Range, pasture 80% of normal.

NEW YORK: Precipitation fell in some areas of the State each day except 22nd. Rainfall above average except in extreme southeast. Highest totals were in Adirondacks with over 1.50 in. at several locations. Temperatures 5 to 10° below normal. Sub-freezing temperatures common on 20th to 22nd. Extremes 21°; 66°.

Days suitable for fieldwork 5.3. Soil moisture mostly adequate. Pasture 95% of normal. Hay mostly good. Third cutting alfalfa 91% complete, 100% 1991, 94% avg. Corn fair to mostly good. Silage harvest 71% finished, 94% 1991, 85% avg. Grain corn 6% harvested, 48% 1991, 28% avg. Potato harvest continued. Dry bean harvest active. Concord grapes in Lake Erie region suffered significant losses due to freezing temperatures on 19th to 20th. Crop would normally have been harvested by this date. Development lagged this year. Grapes being picked in Finger Lakes area, processed by wineries. Red Delicious apple harvest near end. Varieties being picked for CA storage. Oswego County onions above 90% harvested. Better weather needed for onions to go into storage good. Some fields will not be harvested due to poor quality, wet conditions. Storage cabbage harvest began.

NORTH CAROLINA: Temperatures 3 to 8° below normal with the largest departures in the east. Rainfall none to 0.61 in. at Yancy.

Days suitable for fieldwork 6.1. Soil moisture 10% short, 90% adequate. Crop condition: Pasture 4% poor, 27% fair, 69% good. Corn 31% fair, 61% good, 8% excellent. Cotton 3% poor, 49% fair, 46% good, 2% excellent. Peanuts 39% fair, 61% good. Soybeans 1% poor, 32% fair, 64% good, 3% excellent. Sweetpotatoes 6% poor, 36% fair, 55% good, 3% excellent. Sorghum 32% fair, 68% good. Cotton open bolls 97%, 100% 1991, 100% avg. Soybeans leaf drop 83%, 80% 1991, 72% avg. Wheat 12% emerged, 19% 1991, 16% avg. Corn for silage harvested 95%, 100% 1991, 97% avg. Corn for grain harvested 87%, 90% 1991, 88% avg. Sorghum for grain harvested 57%, 64% 1991, 66% avg. Apples harvested 82%, 95% 1991, 93% avg. Cotton harvested 28%, 51% 1991, 44% avg. Peanuts dug 83%, 95% 1991, 84% avg. Peanuts threshed 68%, 79% 1991, 70% avg. Soybeans harvested 12%, 11% 1991, 13% avg. Sweetpotatoes harvested 70%, 70% 1991, 77% avg. Winter wheat planted 26%, 31% 1991, 27% avg. Oats planted 46%, 50% 1991, 47% avg. Barley planted 49%, 63% 1991, 51% avg. Rye planted 31%, 46% 1991, 45% avg. Hay, roughage supplies 3% short, 89% adequate, 8% surplus. Major activities: Harvesting corn for grain; digging, threshing peanuts; seeding small grains; harvesting soybeans; fall tillage. Other activities: harvesting fruits, vegetables; harvesting sorghum; digging sweetpotatoes; harvesting cotton; tending livestock; equipment repair; general farm maintenance.

NORTH DAKOTA: Dry and warm. Temperatures normal northeast to 10° above normal southwest. Extremes 2° north central; 83° many areas. Precipitation none to 0.05 in. across State.

Days suitable for fieldwork 6.9. Soil moisture continued to decline. Topsoil 33% very short, 66% short, 1% adequate. Subsoil 30% very short, 47% short, 23% adequate. Late season crop harvest progressed rapidly, continues behind average. Corn for grain 46% harvested, 98% 1991, 87% avg. Flax 99% combined, 100% 1991, 100% avg. Soybeans 99% combined, 100% 1991, 100% avg. Dry beans 97% combined, 100% 1991, 100% avg. Sunflower 59% harvested, 94% 1991, 92% avg. Range, pastures 63% of normal. Stockwater supplies 6% very short, 46% short, 48% adequate.

OHIO: Frost beginning of the week followed by dry weather during the latter part of the week helped to dry corn still in the fields. High temperatures mid 60s to the mid 70s. On the warmest days, highs ranged from the upper 60s to the mid 70s. Low temperatures 30s. The coldest mornings produced readings in the 20s over virtually all of State. Precipitation sparse. A few sites reported more than 0.10 in., while several stations received no precipitation.

Days suitable for fieldwork 3.9. Topsoil 4% short, 76% adequate, 20% surplus. Pasture 1% very poor, 7% poor, 27% fair, 54% good, 11% excellent. Potatoes harvested 92%, 96% 1991, 91% avg. Fall apples harvested 80%, 94% 1991, 88% avg. Grapes harvested 80%, 100% 1991, 87% avg. Sugarbeets harvested 36%.

OKLAHOMA: Temperatures 7° above normal north central to 3° above normal southeast. Precipitation none in the Panhandle, northeast, west central to 0.09 in. south central.

Days suitable for fieldwork 6.8. Topsoil 95% short, 5% adequate. Subsoil 51% short, 49% adequate. Wheat 2% very poor, 17% poor, 58% fair, 23% good; 86% planted, 91% 1991, 91% avg.; 57% emerged, 62% 1991, 68% avg. Cotton 2% poor, 33% fair, 65% good; 59% open bolls, 77% 1991, 78% avg.; 18% harvested, 13% 1991, 14% avg. Sorghum 29% fair, 70% good, 1% excellent; 79% mature, 72% 1991, 84% avg.; 31% harvested, 28% 1991, 27% avg. Soybeans 40% harvested, 34% 1991, 30% avg. Peanuts 58% harvested, 64% 1991, 44% avg. Corn 99% harvested, 97% 1991, 97% avg.; Pastures 98%. Cattle good; marketings average, prices mixed.

OREGON: Temperatures above normal statewide. Very few freezing temperatures recorded. All areas had some precipitation, most rainfall occurred west of the Cascades, especially in the Coastal Range.

Soil moisture 90% short, 10% adequate. Winter wheat 84% planted, 61% emerged. Winter barley 74% planted. Field preparation for fall seeding in cereal grains continues. Some fertilizing of fall cereal crops underway, Willamette Valley. Russian wheat Aphid problems reported in north-eastern areas. Sugarbeet harvest continues. Hazelnut harvest virtually complete; Willamette Valley. Walnut harvest winding down. Apple, pear orchard post harvest, winter preparations underway, Willamette Valley, Hood River Valley. Cranberry harvest 90% complete; southern coast.

Potato, onions, sweet corn harvest concluding. Cauliflower processing continues. Carrots being dug. Livestock good. Western pastures improving, supplemental feeding has been reduced. Eastern pastures, ranges still very dry, needing rain, continue supplemental feeding. Fall cattle and calf processing underway, weaning two weeks ahead of normal. Range, pasture condition 53% of normal.

PENNSYLVANIA: Below freezing temperatures made it into Susquehanna Valley, southeastern corner of the State. First significant snowfall was reported over much of the western, northern areas. Temperature 45°, 7° below normal. Extremes 14°; 71°. Precipitation 0.30 in., 0.36 in. below normal.

Days suitable for fieldwork 5. Soil moisture 7% short, 77% adequate, 16% surplus. Ensilage corn harvested 74% complete, 97% 1991. Soybean harvest 23% complete, 38% 1991; 1% very poor, 8% poor, 21% fair, 52% good, 18% excellent. Potato harvest 90% complete, 93% 1991. Fall plowing 78% complete, 79% 1991. Wheat planted 86% complete, 89% 1991. Barley planted 92% complete,

96% 1991. Third cutting alfalfa 93% complete, 97% 1991. Fourth cutting alfalfa 67% complete, 79% 1991. Quality of hay made 24% poor, 50% fair, 26% good. Feed from pastures 4% very poor, 16% poor, 48% fair; 32% good. Apple harvest 84% complete, 90% 1991. Grapes harvest 85% complete, 96% 1991. Activities: hauling manure; maintaining machinery; cutting, baling hay; making corn silage; harvesting soybeans, grain corn; fall plowing; fixing fence; caring for livestock.

PUERTO RICO: Island rainfall 1.58 in. was 0.16 in. below normal. Highest rainfall 6.35 in. at Maricao, 3.84 in. at Coamo, 3.37 in. at Negro Corozal. Highest 24 hour total 2.24 in. at Manuabo on 23rd. Mean temperatures 83.6° which is 2.6° above normal. Rainfall 0.67 in. which is 0.66 in. below normal. Divisional temperatures 80° on the coasts, 77 to 75° in the interior with mean station temperature from 73.3° at Adjuntas Aes to 83.9° at Guayama. Extremes 57°; 94°.

SOUTH CAROLINA: Temperatures across the State below normal Statewide. Rainfall none statewide.

Days suitable for fieldwork 6.2. Soil moisture 43% short, 57% adequate. Tobacco 96% stalks destroyed, 94% 1991, 90% avg. Cotton fair; 31% harvested, 50% 1991, 56% avg. Soybeans fair to good; 93% leaves turning, 93% 1991, 92% avg.; 55% shedding leaves, 56% 1991, 64% avg.; 37% mature, 42% 1991, 48% avg.; 5% harvested, 14% 1991, 10% avg. Apples good; 89% harvested, 99% 1991, 93% avg. Fall hay fair to good; 92% harvested, 92% 1991, 89% avg. Peanuts fair to good; 58% harvested, 91% 1991, 76% avg. Sorghum fair to good; 72% harvested, 77% 1991, 68% avg. Oats fair to good; 43% planted, 34% 1991, 45% avg.; 27% emerged, 16% 1991, 18% avg. Rye fair to good; 44% planted, 34% 1991, 37% avg.; 31% emerged, 21% 1991, 23% avg. Winter grazing fair to good; 71% planted, 62% 1991, 66% avg.; 56% emerged, 43% 1991, 48% avg. Barley fair to good; 32% planted, 25% 1991, 26% avg.; 24% emerged, 16% 1991, 14% avg. Wheat fair to good; 6% planted, 5% 1991, 10% avg.; 3% emerged, 3% 1991, 4% avg. Cool, dry weather favorable for harvesting.

SOUTH DAKOTA: Temperatures 9° above normal. Extremes 13°; 93°. No precipitation.

Days suitable for fieldwork 6.1. Topsoil 21% very short, 48% short, 24% adequate, 7% surplus. Subsoil 21% very short, 28% short, 44% adequate, 7% surplus. Sunflowers 1% very poor, 4% poor, 31% fair, 58% good, 6% excellent. Winter wheat 6% poor, 30% fair, 56% good, 8% excellent. Winter rye 3% very poor, 3% poor, 33% fair, 59% good, 2% excellent. Corn silage harvest 96% complete, 100% 1991, 93% avg. Sorghum silage harvest 88% complete, 100% 1991, 97% avg. Sunflowers harvest 67% completed, 95% 1991, 91% avg. High moisture corn was reported. Livestock 1% very poor, 4% fair, 74% good, 21% excellent. Pasture 80% of normal.

TENNESSEE: Rainfall was below normal across the State. Most areas received no precipitation. Temperatures on the Plateau, in the east 3 to 4° below normal. Middle experienced normal temperatures, west temperatures 3° above normal.

Days suitable for fieldwork 5.7. Soil moisture, 1% very short, 20% short, 79% adequate. Corn 81% grain harvested, 84% 1991, 87% avg. Cotton 51% harvested, 76% 1991, 71% avg.; 9% fair, 87% good, 4% excellent. Sorghum 88% harvested, 78% 1991, 88% avg. Soybeans 93% dropping leaves, 90% 1991, 94% avg.; 67% mature, 71% 1991, 75% avg.; 27% harvested, 34% 1991, 38% avg.; 8% fair, 84% good, 8% excellent. Wheat 40% seeded, 46% 1991, 46% avg. Burley Tobacco 30% stripped, 39% 1991, 35%

avg. Cattle 7% fair, 85% good, 8% excellent. Pasture 1% poor, 17% fair, 69% good, 13% excellent. Farm activities: harvesting hay, corn, sorghum, cotton, soybeans; stripping tobacco; fall seedings.

TEXAS: Warm, dry weather trend across State continued. High pressure persisted across a large portion of the State. Lack of moist air, weather systems allowed plenty sunshine and little rain in growing areas. The only exception was the far South. Significant rain amounts occurred Lower Rio Grande Valley, parts Coastal Bend, Rio Grande Plains. Rainfall departures all below normal except Lower Valley, overall rainfall 1/3 inch above normal. Temperature departures 1 to 5° above normal. In the Lower Valley, cloudiness kept overall temperatures a few degrees below normal.

Crops: Hot, dry conditions facilitated harvest corn fields Plains, harvest nearing completion. Cotton harvest Low Plains helped by open weather conditions, but High Plains, most fields too green harvest. Fields plowed under Blacklands as harvest ended. Harvest grain sorghum High Plains slowed by high moisture content grain. Low Plains, late planted fields harvested. Small grain planting slowed most areas due dry conditions. Most emerged fields showing signs moisture stress. Peanut harvest continued throughout State. Irrigation used some fields Low Plains aid harvest activities. Statewide condition 83% normal, 84% 1991. Soybean harvest continued. Upper Coast, Blacklands, harvest nearing completion.

Commercial Vegetables: Rio Grande Valley, onions progressing well, some mild insect damage peppers. Melon harvest continued. High Plains, carrots, peppers harvested. Land preparations spring crops began. East Texas, winter greens progressed nicely. Sweet potato harvest continued. Trans-Pecos, chile peppers nearing harvest. Onion planting continued. Pecan harvest going well South, Central Texas. East Texas, Trans-Pecos harvest began, aphid damage apparent several areas.

Range and Livestock: Lack moisture continued to contribute declining range, pasture conditions. Stock tank levels continued steady decline. Livestock conditions remained good most areas, several areas dry, dusty conditions spawned cases respiratory problems. Supplemental feeding increased number of areas, increasing demand hay supplies.

UTAH: High temperatures 8° above normal, lows 6° above normal. Light precipitation throughout the State.

Days suitable for fieldwork 6.4. Soil moisture 92% short, 8% adequate. Winter wheat emerged 79%, 70% 1991. Field corn harvested for grain 80%, 36% 1991. Cattle moved from summer range 91%, 86% 1991. Sheep moved from summer range 94%, 92% 1991. Pasture range poor to fair.

VIRGINIA: Temperatures below normal, little or no precipitation recorded. Extremes 13°; 83°.

Days suitable for fieldwork 6.4. Topsoil 53% short, 47% adequate. Pasture 3% poor, 26% fair, 62% good, 9% excellent. Corn silage harvested 96%, 100% 1991, 96% avg.; harvested for grain 67%, 87% 1991, 78% avg. Soybean 28% fair, 71% good, 1% excellent; harvested 17%, 26% 1991, 20% avg. Apple harvest 80%, 93% 1991, 87% avg. Peanuts 90% dug, 100% 1991, 92% avg. Peanuts combined 78%, 98% 1991, 84% avg. Cotton harvested 2%, 40% 1991, 40% avg. Oats seeded 62%, 83% 1991, 77% avg. Barley seeded 50%, 77%

1991, 75% avg. Winter wheat seeded 25%, 35% 1991, 34% avg. Harvesting snapbeans, cucumbers, peppers, tomatoes. Defoliating cotton. Marketing livestock.

WASHINGTON: Temperatures 4 to 8° above normal west; 2° below to 7° above normal east. Rainfall 0.41 to 2.41 in. west; none to 0.29 in. east.

Days suitable for fieldwork 7.0. Soil moisture 65% short, 35% adequate. Hay, other roughage 1% very short, 23% short, 60% adequate, 16% surplus. Range, pasture 15% very poor, 55% poor, 30% fair. Winter wheat planted 100%, 86% 1991, 92% avg.; emerged 85%, 73% 1991, 77% avg. Potatoes 77% harvested, 81% 1991, 88% avg. Corn silage 98% harvested, 92% 1991, 96% avg. Corn grain harvested 43%, 28% 1991, 36% avg. Dry beans harvested 92%, 99% 1991, 99% avg. Moisture needed soon. Condition fall seeded crops falls from fair to mostly poor east, due to inadequate moisture, hard freeze. Apple harvest complete Yakima county, nearly complete Grant county, some western areas. Orchard cleanup continued. Cranberry harvest nearly complete, color excellent. Sweet corn harvest winding down central areas. Cattle on fall pastures; rain needed.

WEST VIRGINIA: Temperature 48°. Extremes 15°; 77°. Precipitation 0.11 in.

Days suitable for fieldwork 5.4. Soil moisture, 57% short, 43% adequate. Hay, 23% fair, 77% good; 100% third cut. Corn, 98% good, 2% excellent; 55% harvested. Pastures, 20% poor, 37% fair, 43% good; 85% of normal. Cattle, good. Sheep, good. Soybeans, 14% fair, 86% good; 100% dropping leaves, 55% harvested. Wheat, sown 40%. Barley, sown 100%. Primary farm activities: General maintenance; clipping pastures; chopping silage; marketing livestock; harvesting hay, corn, soybeans, apples; sowing barley, wheat; stripping tobacco.

WISCONSIN: Temperature 46°; at normal. Extremes 8°; 81°. Precipitation 0.10 to 0.30.

Days suitable for fieldwork 5.0. Soil moisture 82% adequate, 18% surplus. Pasture condition 73% of normal, 77% 1991, 73% avg. General condition of crops 2% very poor, 3% poor, 33% fair, 61% good, 1% excellent. Corn 2% very poor, 6% poor, 34% fair, 55% good, 3% excellent. Corn 70% mature, 100% 1991, 100% avg. Corn for grain 15% harvested, 68% 1991, 57% avg. Corn silage 77% harvested, 96% 1991, 95% avg. Moisture levels are very high in corn to be harvested for grain. Many farmers are trying to wait for the corn to dry down to save on drying costs. Soybean 5% poor, 46% fair, 46% good, 3% excellent. Soybeans 38% harvested, 87% 1991, 76% avg. Intended fall tillage 28% complete, 40% 1991, 37% avg. Hay, roughage supplies 29% short, 63% adequate, 8% surplus. Many reports indicate that the lack of hay and haylage will be made up with the increased amount of corn harvested for silage.

WYOMING: Warm, dry prevailed across State. Temperatures 2 to 10° above normal; the entire State had below normal precipitation. The only precipitation: Cheyenne area had trace amounts.

Days suitable for fieldwork 6.6. Topsoil 74% short, 26% adequate. Corn 7% dented, 5% 1991, 7% avg.; 73% mature, 23% 1991, 50% avg.; 20% harvested, 72% 1991, 43% avg. Sugarbeets 87% harvested, 81% 1991, 82% avg. 1992 winter wheat 97% emerged, 100% 1991, 96% avg. Winter wheat mostly fair to good. Livestock moved from summer ranges 92% cattle, calves; 92% sheep, lambs. Livestock fair to mostly good. Stockwater 20% very short, 46% short, 34% adequate.

International Weather and Crop Summary HIGHLIGHTS

October 18 - 24, 1992

FSU: Winter grains began entering dormancy in the north at usual dates. Continued dry weather over the central Ukraine helped late-season harvest but limited winter grain establishment.

EUROPE: Widespread showers helped winter crop establishment.

SOUTH ASIA: Dry weather dominated. Rain is needed in southern India for fall crop development.

EASTERN ASIA: Dry weather hastened fieldwork across most of China.

SOUTHEAST ASIA: A typhoon hit central Vietnam. An approaching storm brought heavy showers to the eastern Philippines.

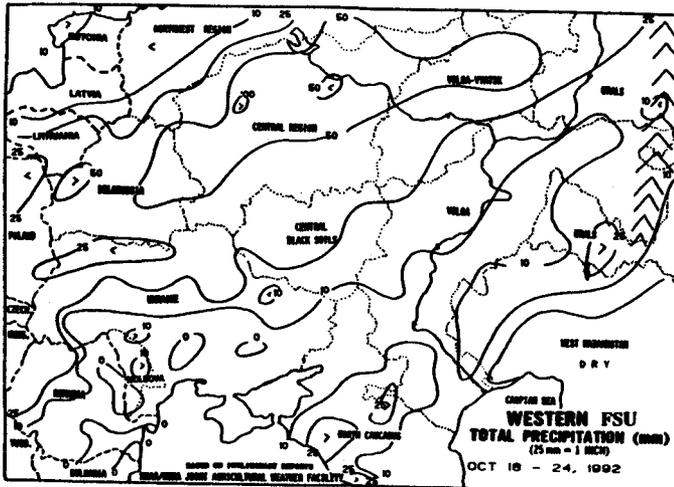
AUSTRALIA: Yield prospects declined in the northeastern wheat areas. However, wheat conditions remained favorable elsewhere.

SOUTH AMERICA: Favorable moisture conditions existed for summer crops in Brazil. Drier weather aided summer crop planting in Argentina.

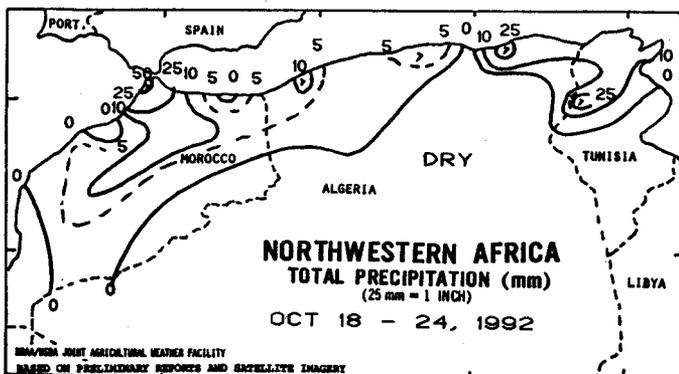
MEXICO: Scattered showers delayed corn harvesting.

CANADA: Cool, dry weather covered the Prairies. A hard freeze hit Ontario, causing winter wheat to harden.

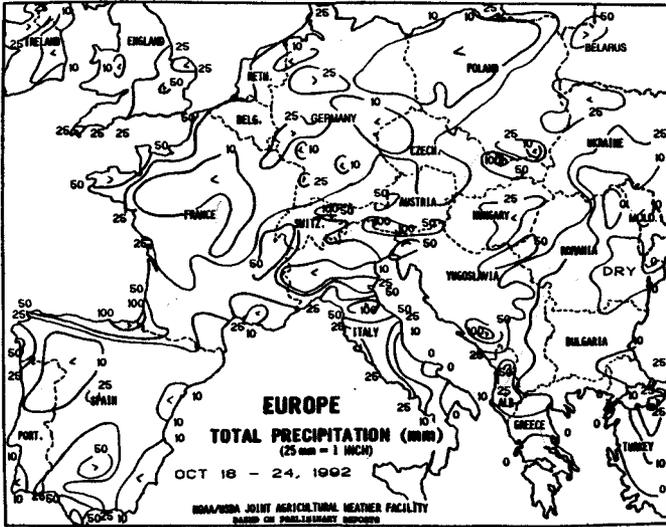
NORTHWESTERN AFRICA: Preparations for winter grain planting were in the early stages. Continued light showers in some areas may have prompted early-season fieldwork.



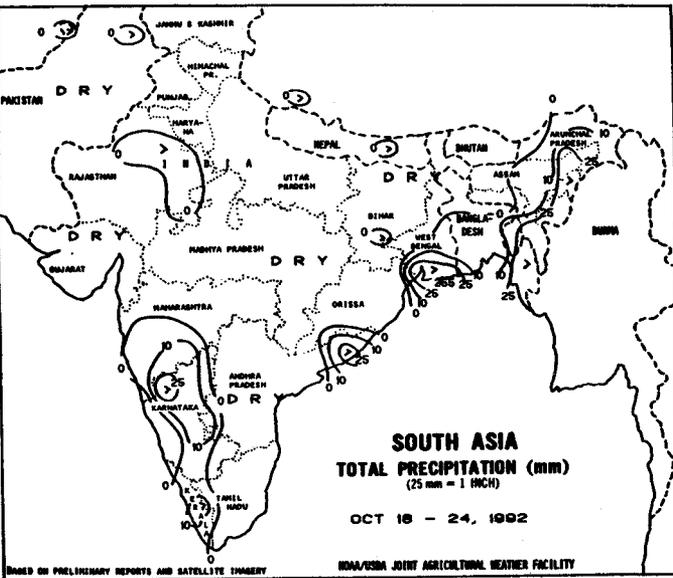
FSU - WESTERN: An active weather pattern covered the region with early- and late-week storm systems ushering in cooler air and widespread precipitation. The precipitation across northern areas began as rain, which turned to moderate to heavy snow by week's end. Greatest amounts of precipitation (25-75 mm, with local amounts in excess of 75 mm) covered northern Ukraine, Belarus, Central Region, northern Black Soils Region, and Volga Vyatsk. While the precipitation in these areas halted late-season potato, sugar beet, and sunflower harvests, it increased soil moisture for next year's crops. Further south, although dry weather continued to limit moisture for winter grain planting in central Ukraine, it helped late-season harvests. Weekly average temperatures ranged from 0 to -7 degrees Celsius (C) over the eastern portion of Baltic States, Central Region, northern Belarus, and Volga Vyatsk, inducing winter grains into dormancy. Winter grains continued hardening prior to dormancy over the remainder of the region. In south-central cotton growing areas, dry weather helped cotton harvest.



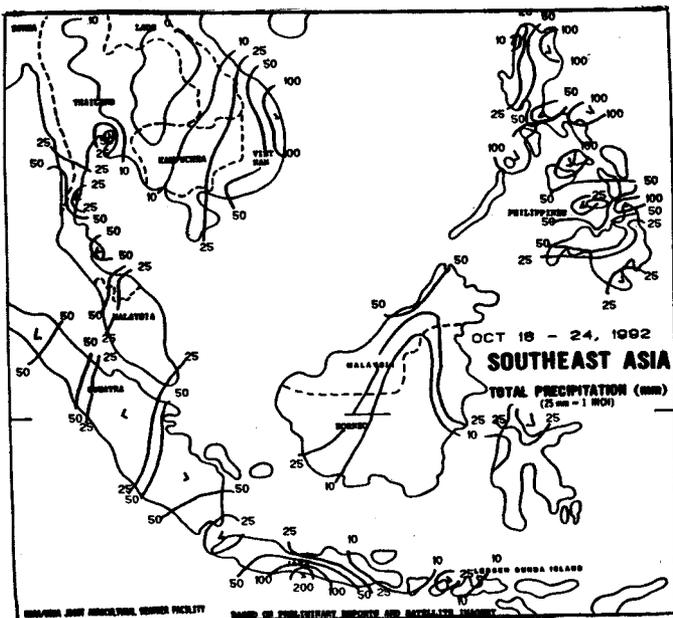
NORTHWESTERN AFRICA: Preparation for winter grain planting was in the early stages over most of the region. Continued light showers (10-25 mm) over northern Morocco, eastern Algeria, and Tunisia likely prompted some early-season fieldwork. Producers in southern Morocco and western and central Algeria await the onset of significant autumn rain before fieldwork can begin. Weekly average temperatures were 1-3 degrees C below normal over the region.



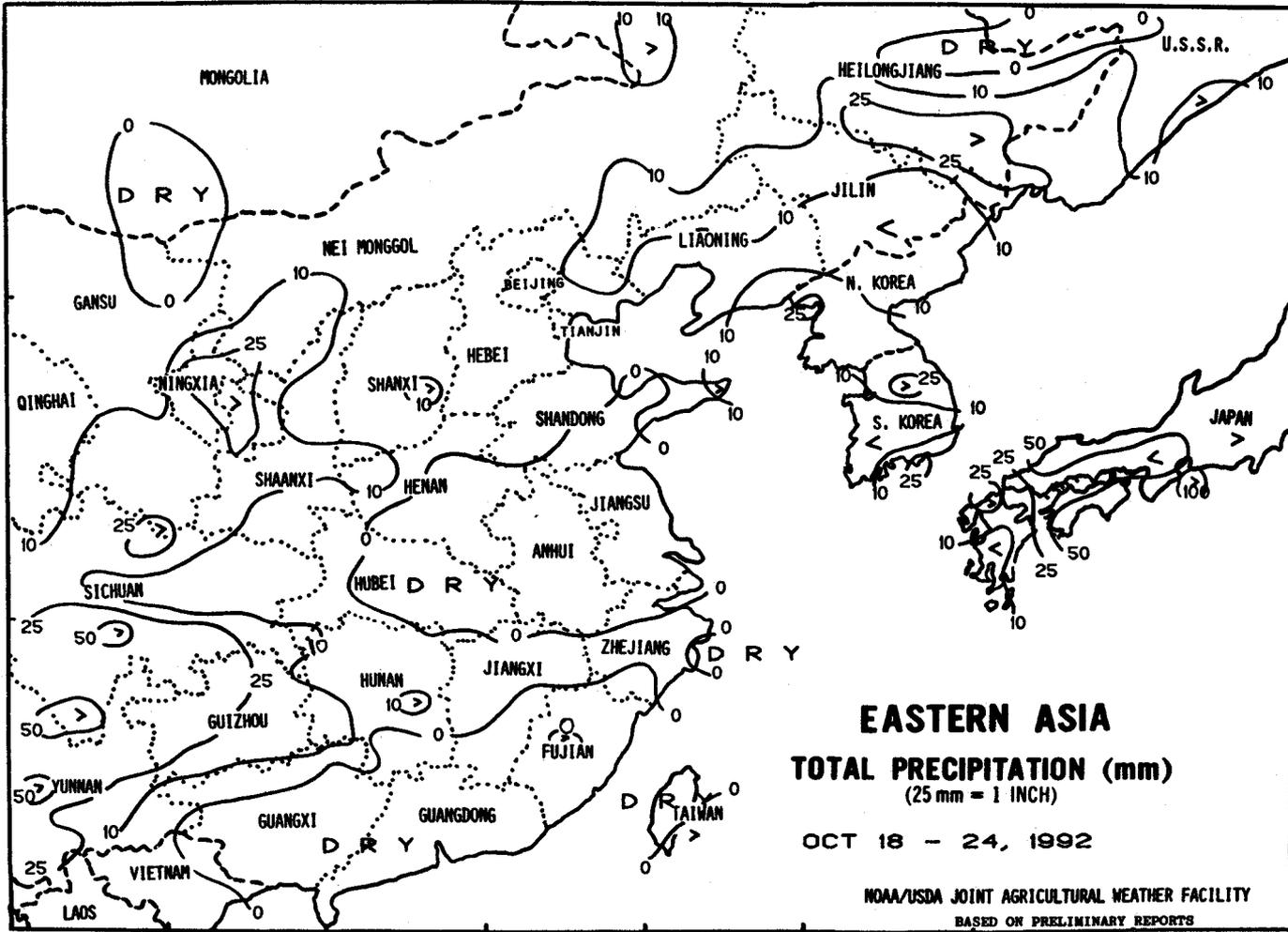
EUROPE: Showers were again light (less than 10 mm) over north-central France, western Poland, and extreme western Czechoslovakia, favoring the sugar beet harvest but providing marginal topsoil moisture for winter crop establishment. Bulgaria has also been quite dry, allowing autumn fieldwork but raising concern for winter crops. Elsewhere, rain (10-50 mm) returned to England after the previously dry week, and general rainfall (10-25 mm) covered nearly all other areas, except for dry weather over Greece and southeastern Italy. The rain was widespread over the Iberian peninsula, helping soil moisture supplies for winter crops. A heavier rainfall zone (25-50 mm or more) extended from southern France across central Italy into east-central Europe, from the Adriatic coast to southern Poland. While slowing corn harvesting in western Romania and Hungary, the moisture improved topsoils for winter crop establishment. Temperatures averaged 2-4 degrees C below normal throughout most of Europe, except in the southeast, where near- to above-average temperatures prevailed.



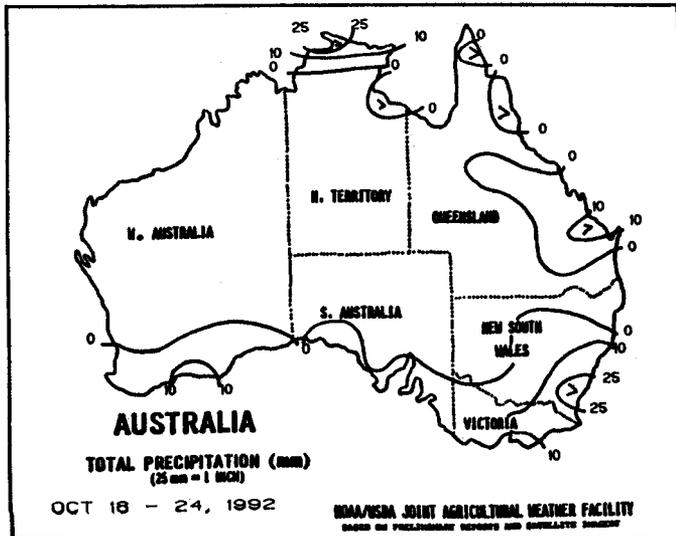
SOUTH ASIA: Dry, seasonably warm weather dominated the region, with moderate showers (10-46 mm) limited to a small portion of the southern interior and isolated areas of the eastern rice belt. The dry weather in major fall crop regions of Andhra Pradesh and Tamil Nadu reduced moisture for grains, oilseeds, and cotton at varying stages of development. Rainfall typically peaks at this time of year over the southern interior as the monsoon retreats southward. More rain will be needed soon to make up for the recent drying trend as many crops are timed to reproduce and fill during November.



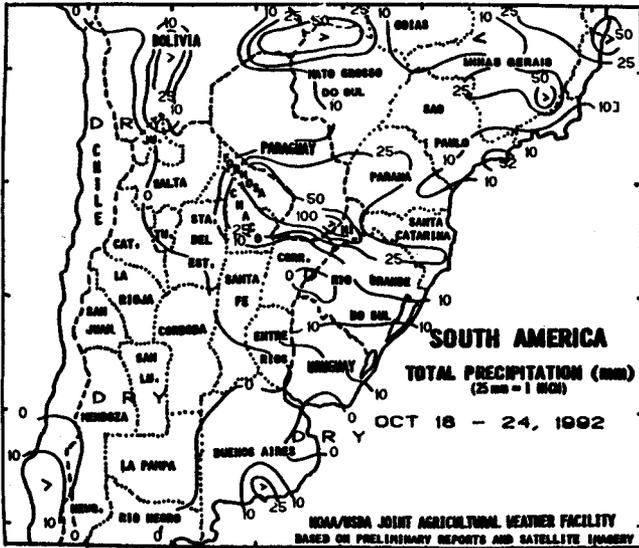
SOUTHEAST ASIA: Typhoon Angela hit central Vietnam with sustained winds of 65 knots (75 mph) on October 23 bringing heavy showers (50-157 mm) and some flooding and wind damage to coastal rice areas. Light to moderate showers (10-33 mm) fell over the Mekong Delta. Further inland, seasonably drier weather covered Thailand, except for northernmost areas bordering Myanmar (Burma). The rain in Myanmar was associated with a cyclone that moved inland from the Bay of Bengal. Further south, moderate to heavy showers (25-50 mm or more) were scattered over Indochina and Malaysia. In the Philippines, moderate to heavy showers (50-100 mm or more), caused partly by the approach of Typhoon Colleen, covered many primary crop areas, maintaining favorable growing conditions for fall grains.



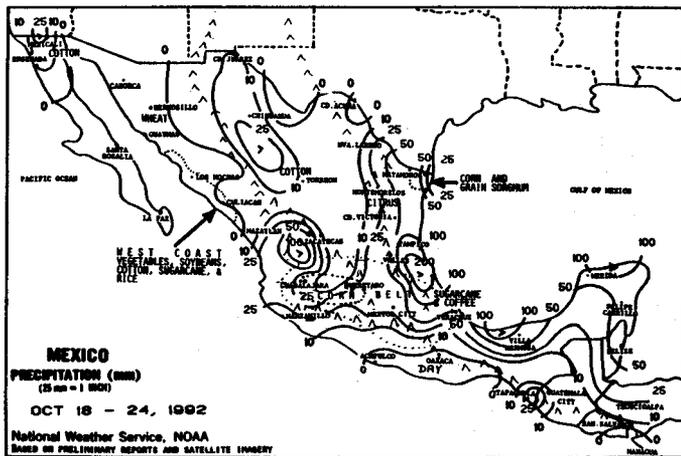
EASTERN ASIA: The eastern half of China received little or no rain, favoring winter wheat planting and late double-crop rice harvesting. Light to moderate rain (12-38 mm) fell across the western Chinese crop areas, including Shaanxi, Gansu, Sichuan, Guizhou, and Yunnan, favoring topsoil moisture for wheat and reservoir levels for rice. Temperatures averaged near normal across most of China.



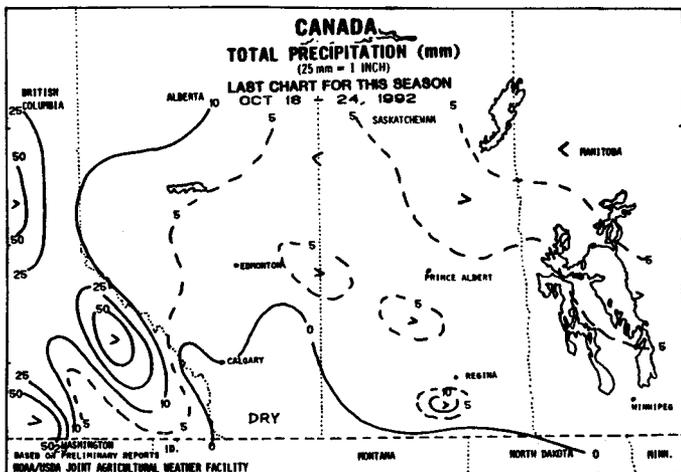
AUSTRALIA: Little or no rain fell across most of Australia. In the northeastern wheat areas, wheat yield prospects declined as long-term dryness continued to stress reproductive to filling wheat. The southern areas had adequate moisture for vegetative to reproductive wheat. In the west, dry weather prevailed for the last 2 weeks, where rain would alleviate concerns for heading wheat. Temperatures averaged 2-4 degrees C above normal in the west and 3-5 degrees C below normal in the east.



SOUTH AMERICA: Light to moderate rain (5-43 mm) fell across most of southern Brazil, favoring topsoil moisture for corn and early-planted soybeans. The rain caused only minor summer crop planting delays. Typically, about 5-15 percent of Brazilian soybeans are planted by the end of October. In Argentina, the majority of the growing areas received little or no rain, aiding corn and sunflower planting and pre-planting fieldwork for soybeans. Adequate soil moisture should still exist for vegetative to reproductive winter wheat. However, additional moisture would be beneficial in the western wheat areas of La Pampa and Cordoba. Moderate to heavy rain (55-100 mm) fell in a brief period across northern Argentina and southern Paraguay, causing some local flooding and possible washout of newly-sown cotton. Temperatures averaged 1-2 degrees C above normal across Argentina and southern Brazil.



MEXICO: Scattered showers (11-77 mm) fell across the Southern Plateau corn belt, delaying corn harvesting. Isolated heavier amounts of rain (150-300 mm) fell north of the corn belt, causing some local flooding. Temperatures averaged 1-2 degrees C below normal across the corn belt.



CANADA: Mostly dry weather dominated the Prairies, but colder-than-normal temperatures prevailed in northeastern growing areas. Although temperatures were near to above normal in Alberta and central and southern Saskatchewan, minimum temperatures were as low as -8 to -15 degrees C. Harvests are nearly complete across the Prairies. In the east, the first hard freeze of the season hit Ontario, with minimum temperatures ranging from -3 to -5 degrees C. Corn was already maturing and winter wheat was hardening prior to dormancy. Light precipitation (10-20 mm), mostly rain showers, caused some fieldwork delays. This is the final weekly summary of the season for Canada.

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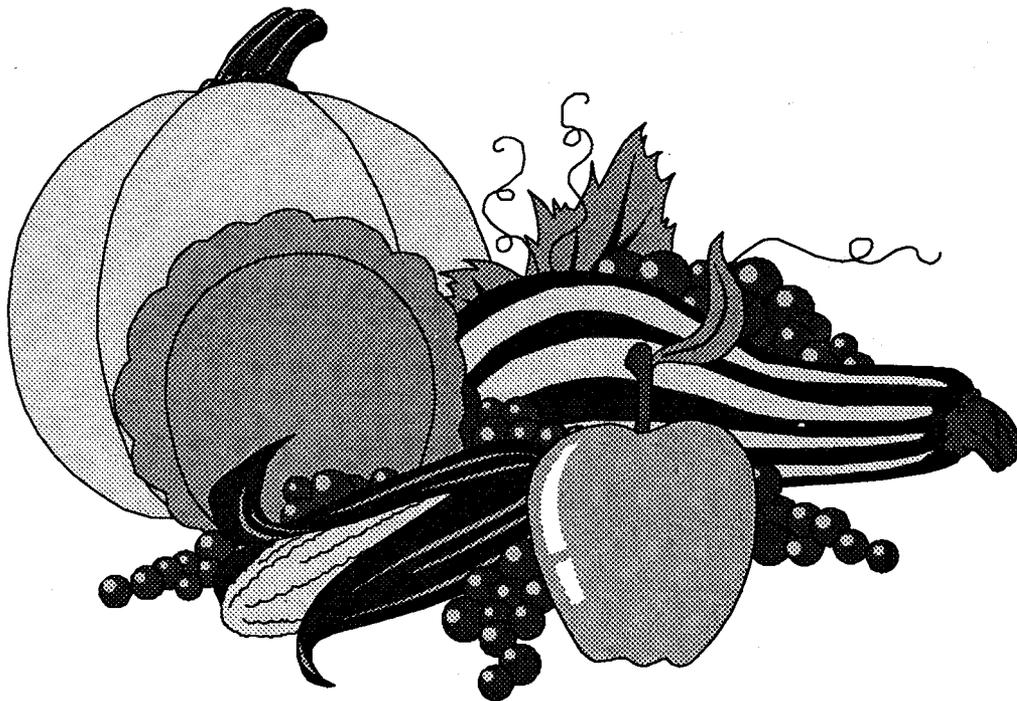
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