

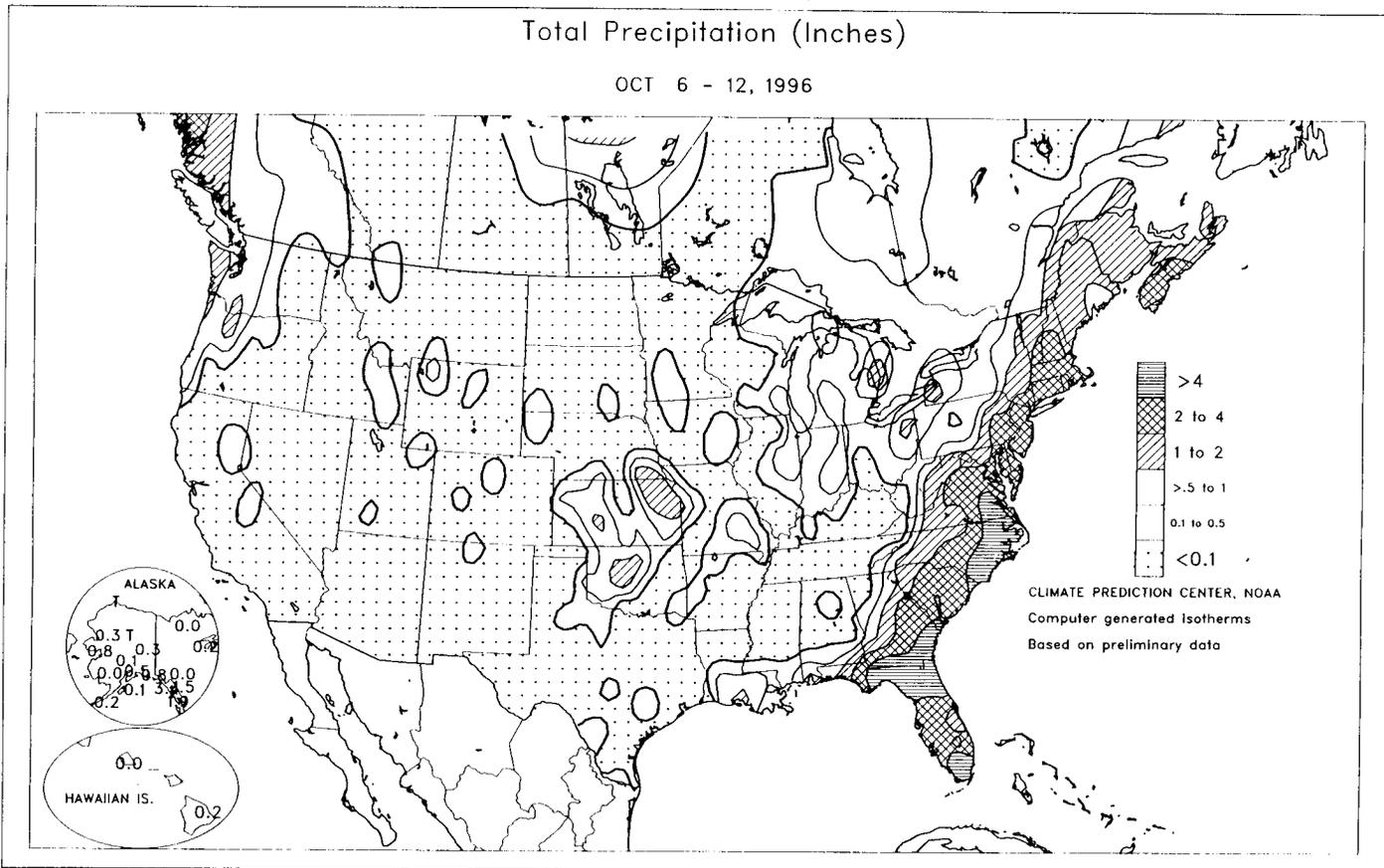
WEEKLY WEATHER AND CROP BULLETIN

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

Total Precipitation (Inches)

OCT 6 - 12, 1996



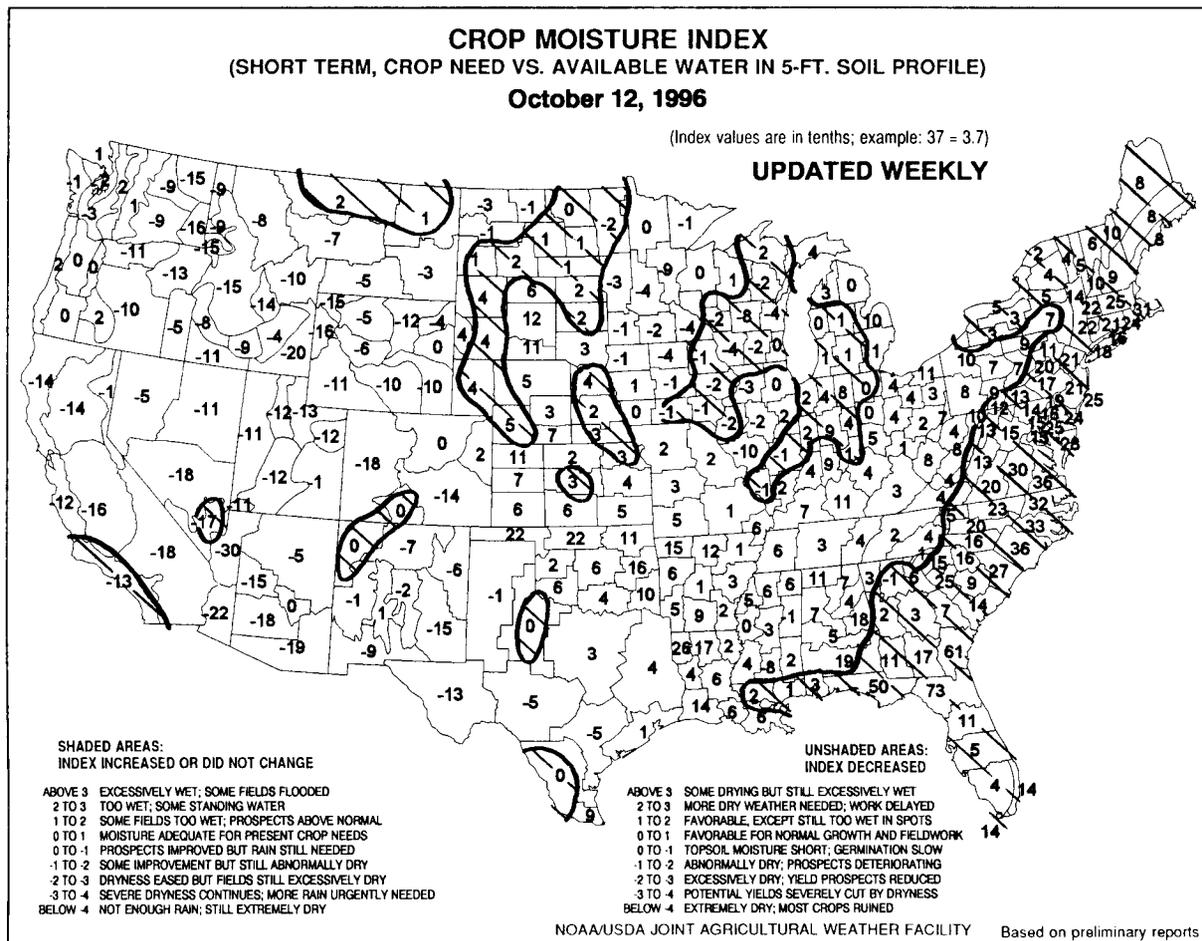
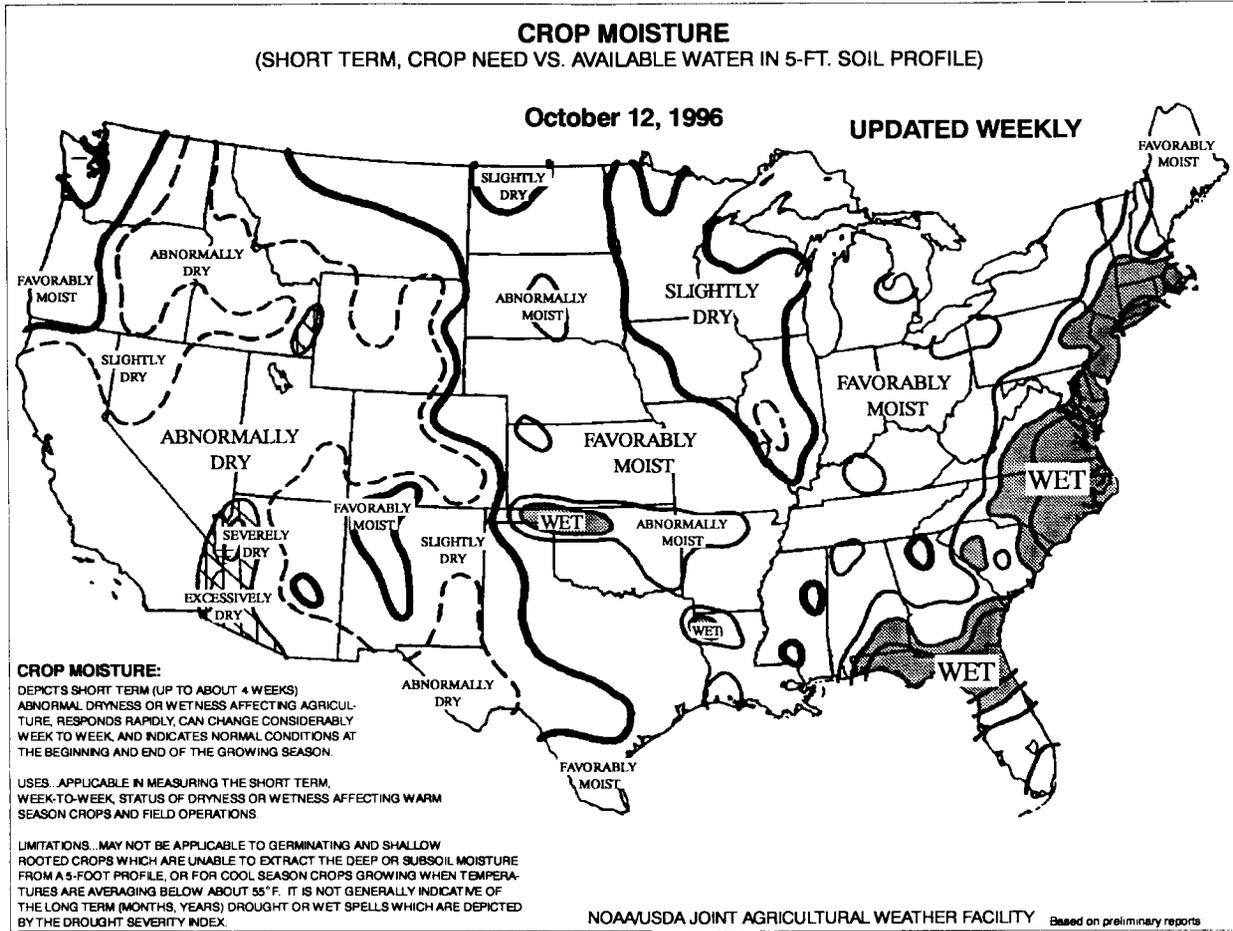
HIGHLIGHTS October 6 - 12, 1996

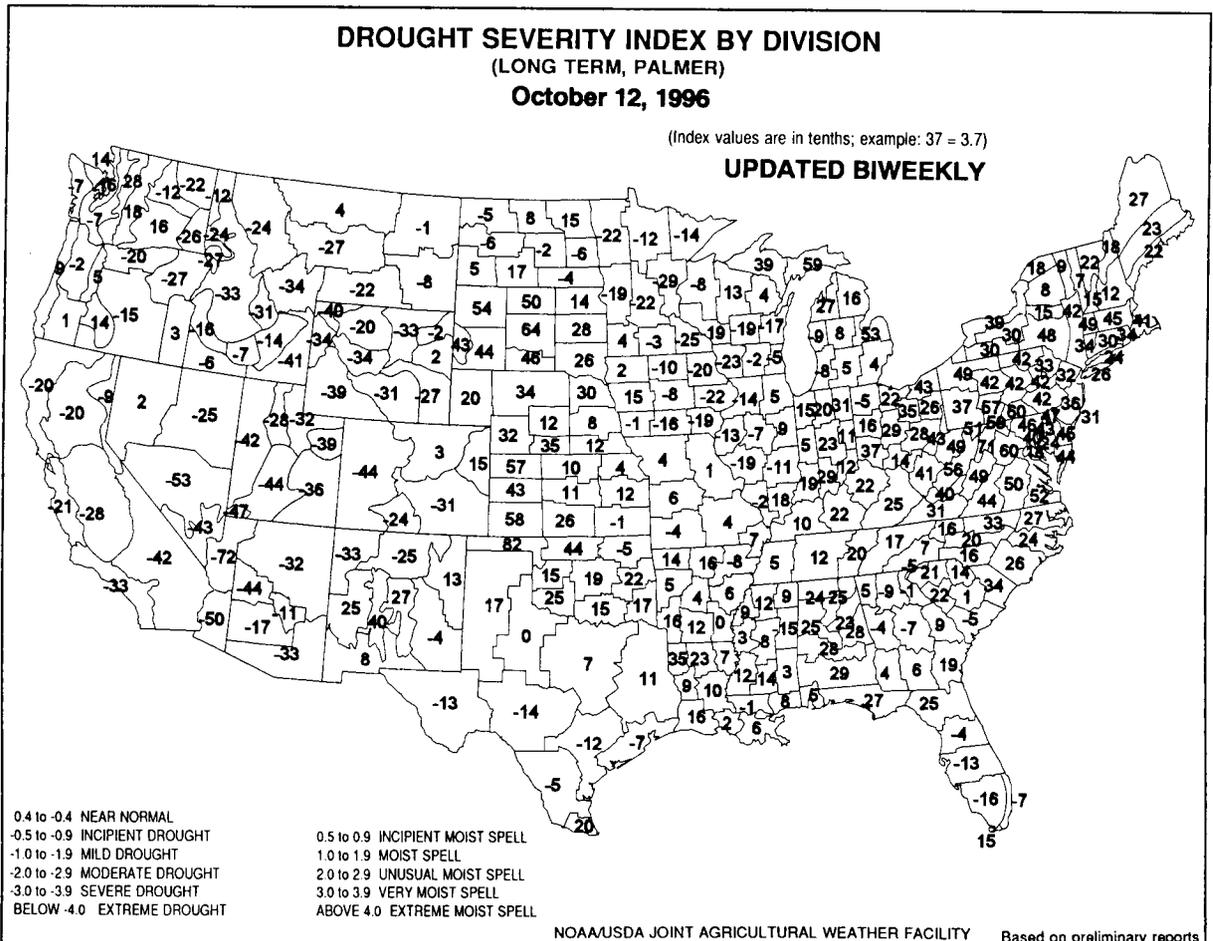
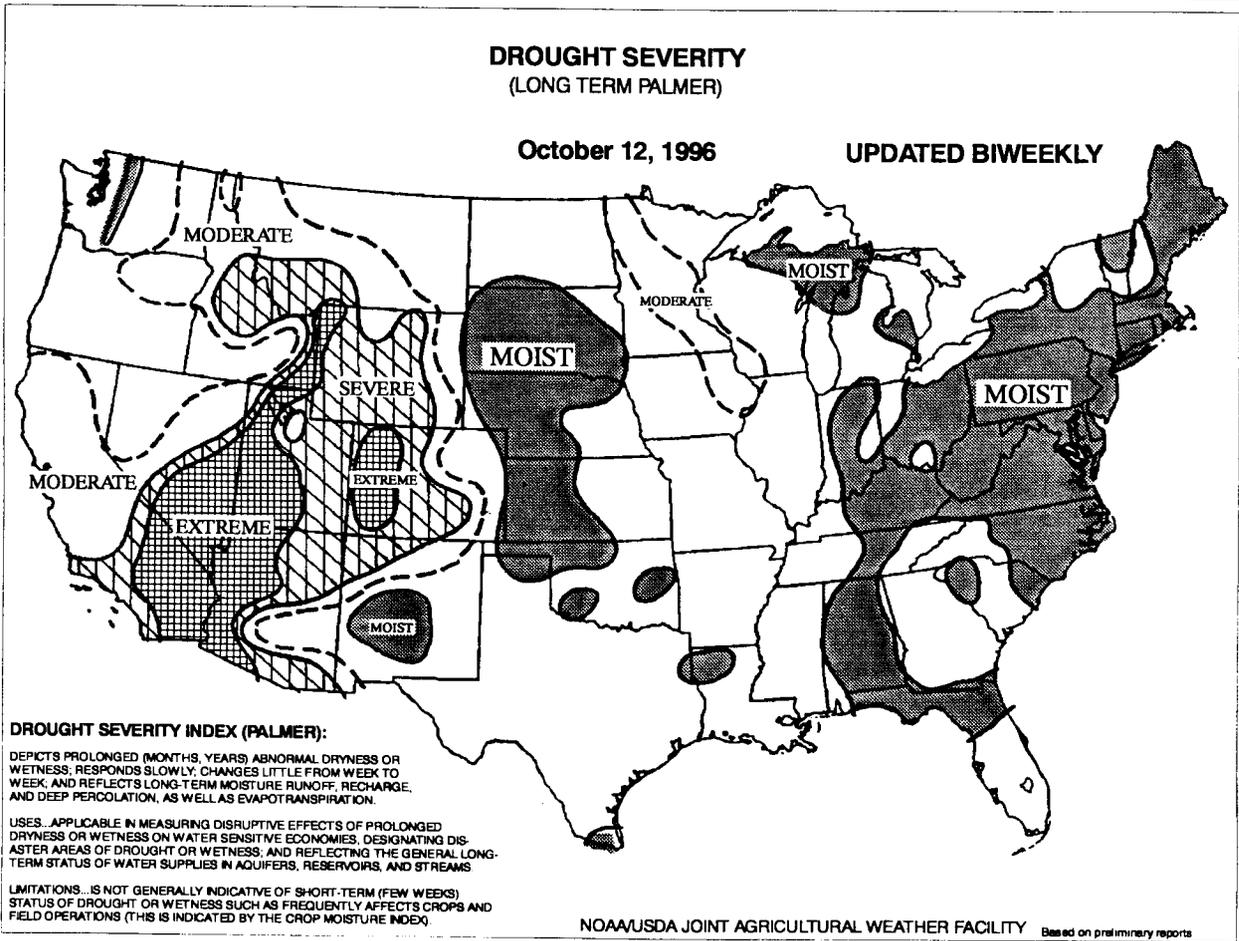
Tropical Storm Josephine's landfall on October 7 southeast of Tallahassee, FL interrupted an otherwise quiet weather pattern. Josephine's remnant circulation moved rapidly northeastward, sparking rain along the Atlantic Seaboard. Elsewhere, precipitation was limited to early-week showers from the Great Lakes to the central Plains, and late-week activity in the Pacific Northwest. Under a strong upper-level ridge in the West, more than 150 daily-record highs were set and weekly departures ranged from +5 to +13°F. In contrast, weekly temperatures averaged more than 5°F below normal in parts of the Southeast. In the Midwest and Northeast, a freeze on October 10-12 reached slightly farther south than the one observed in the same areas on October 3-5.

(Continued on page 4)

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(Continued from front cover)

Early in the week, record warmth overspread the **West Coast**, shifting inland thereafter. On Monday, the high of 102°F in **Monterey, CA** was 2°F shy of their all-time record, set on October 5, 1987. A day later in **Oregon**, **Medford's** maximum of 94°F was their highest reading so late in the year. About three dozen daily records apiece were set on October 9 and 10. Among the records on Wednesday were highs of 103°F in **Phoenix, AZ**, 101°F in **Bakersfield, CA**, and 92°F in **El Paso, TX**. In **Cedar City, UT**, highs of 88°F on October 8 and 9 surpassed their former monthly record set on October 2, 1979. Elsewhere in **Utah**, October records that had stood since 1992 were broken on Thursday in **Alta** (71°F), **Coalville** (86°F), and **Dugway** (91°F).

Heat spread onto the **High Plains** by Friday, pushing highs to daily-record levels in locations such as **Goodland, KS** (93°F) and **Scottsbluff, NE** (90°F). Farther east, however, Friday's lows dipped to records for the date in **Chicago, IL** (27°F) and **Muskegon, MI** (24°F). A day later in the **East**, daily records included 26°F in **Scranton, PA** and 31°F in **Bristol, TN**. The cool surge contributed to the season's first snowfall in parts of the **Great Lakes region**, including a 1.3-inch total on October 9-10 in **Marquette, MI**.

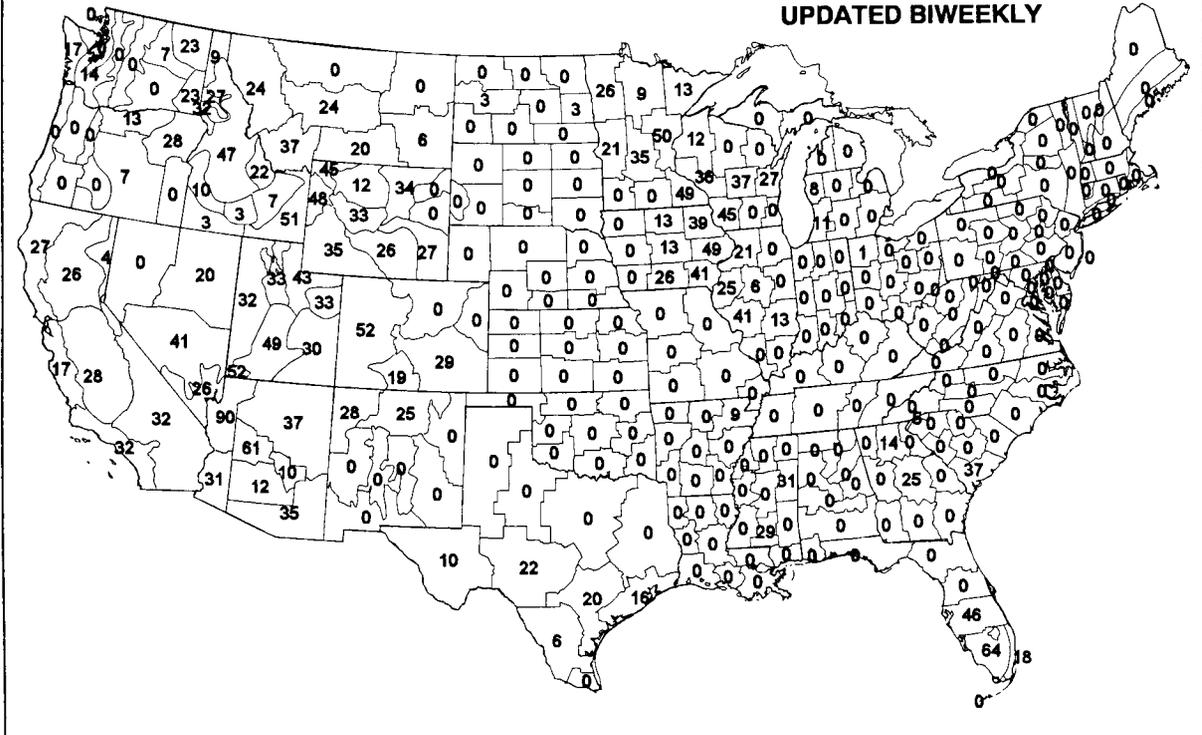
Very cold weather, accompanied by widespread snow, persisted across mainland **Alaska**, where weekly temperatures averaged 5 to 15°F below normal. On Friday, lows of -24°F in **Umiat** and **Prudhoe Bay** were the lowest on record for so early in the season. A day later, **Nome** notched a daily-record low of -6°F. Meanwhile, warm, generally dry weather prevailed in **Hawaii**. On October 6, **Hilo** tallied a daily-record-tying high of 88°F.

Josephine reached **Apalachee Bay** on October 7, crossing the **Florida coast** with 65 mph winds during the evening. A storm surge estimated at 8 to 9 feet affected **Levy County**, while a 4- to 6-foot surge was observed as far south as the **Tampa Bay** area. Peak gusts included 47 mph in **Valparaiso** (west of landfall), 53 mph in **Tampa**, and 54 mph in **Ft. Myers**. Along the **East Coast**, winds were clocked to 47 mph in **Jacksonville, FL**, 56 mph in **Charleston, SC**, and 48 mph in **Wilmington, NC**. Storm-total rainfall topped 2 inches from **New England** southward, with more than 4 inches observed from **northern Florida** to the **eastern Carolinas**. **Jacksonville** received 9.08 inches before and during Josephine's passage on October 6-7.

ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX NEAR ZERO
 (LONG TERM, PALMER)
October 12, 1996

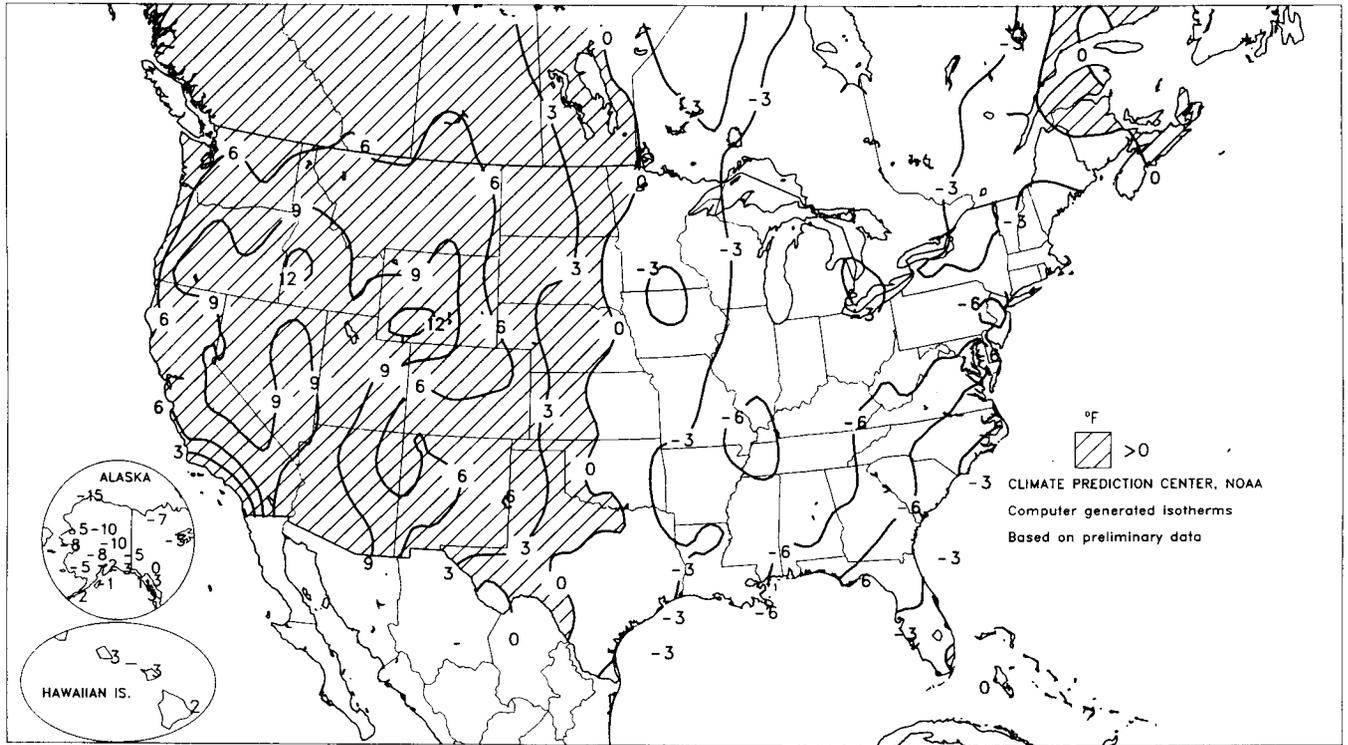
(Index values are in tenths; example: 37 = 3.7)

UPDATED BIWEEKLY



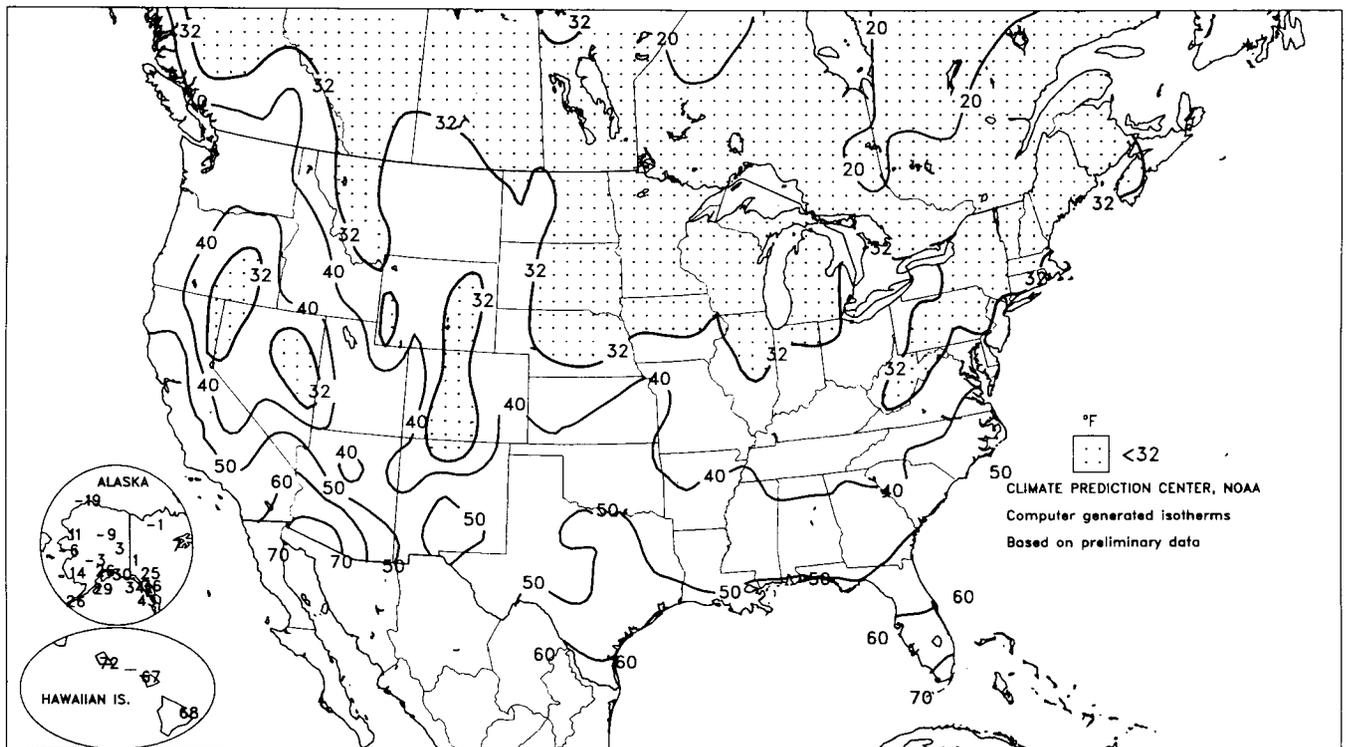
Departure of Average Temperature from Normal (°F)

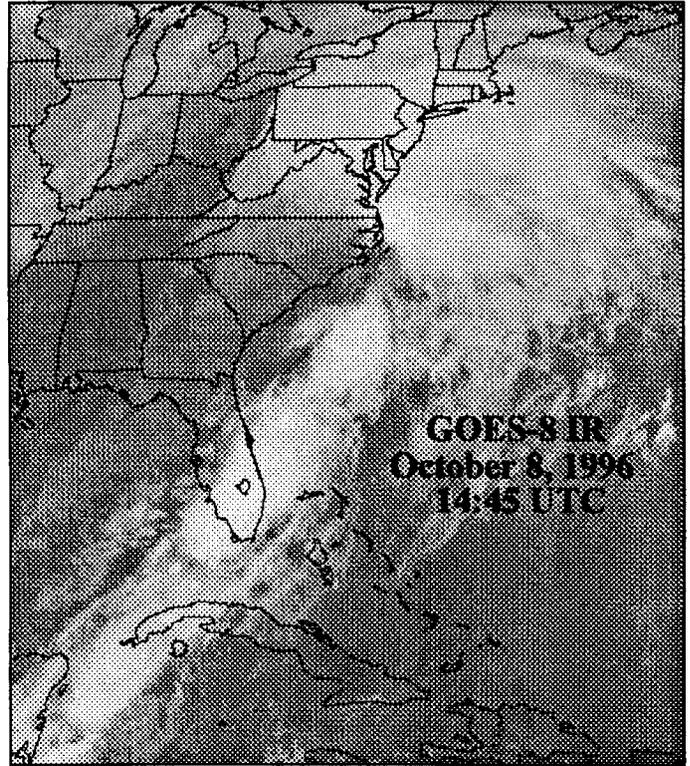
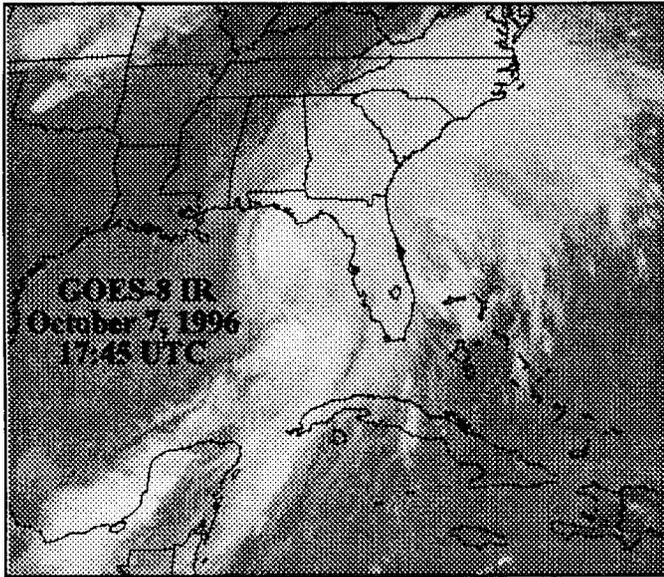
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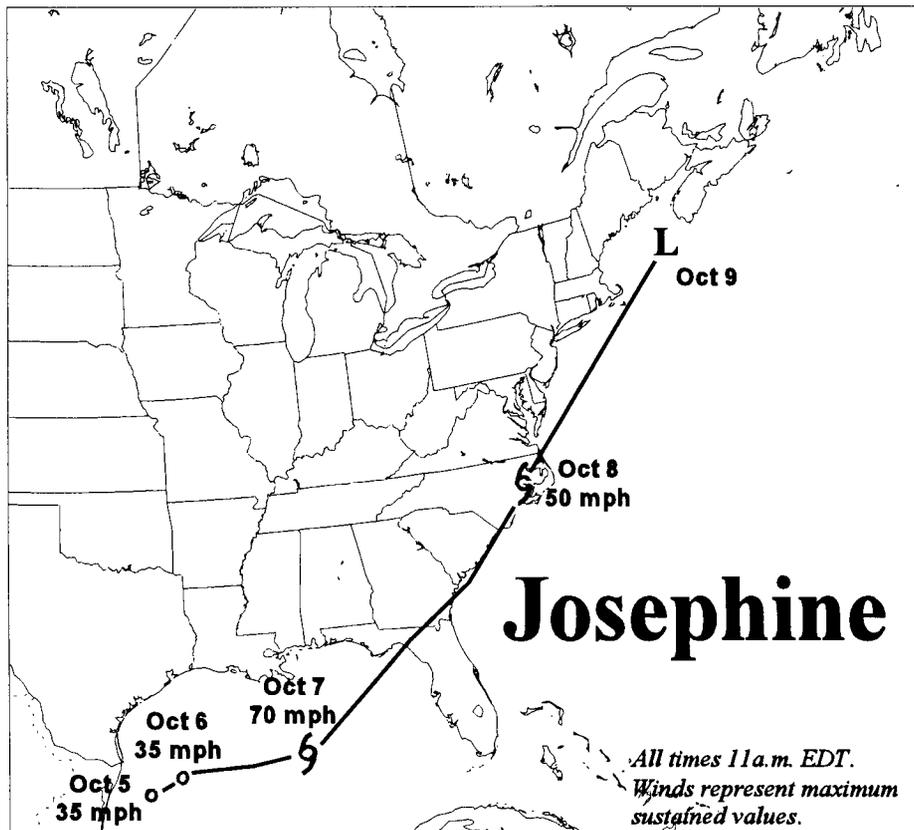
Extreme Minimum Temperature (°F)

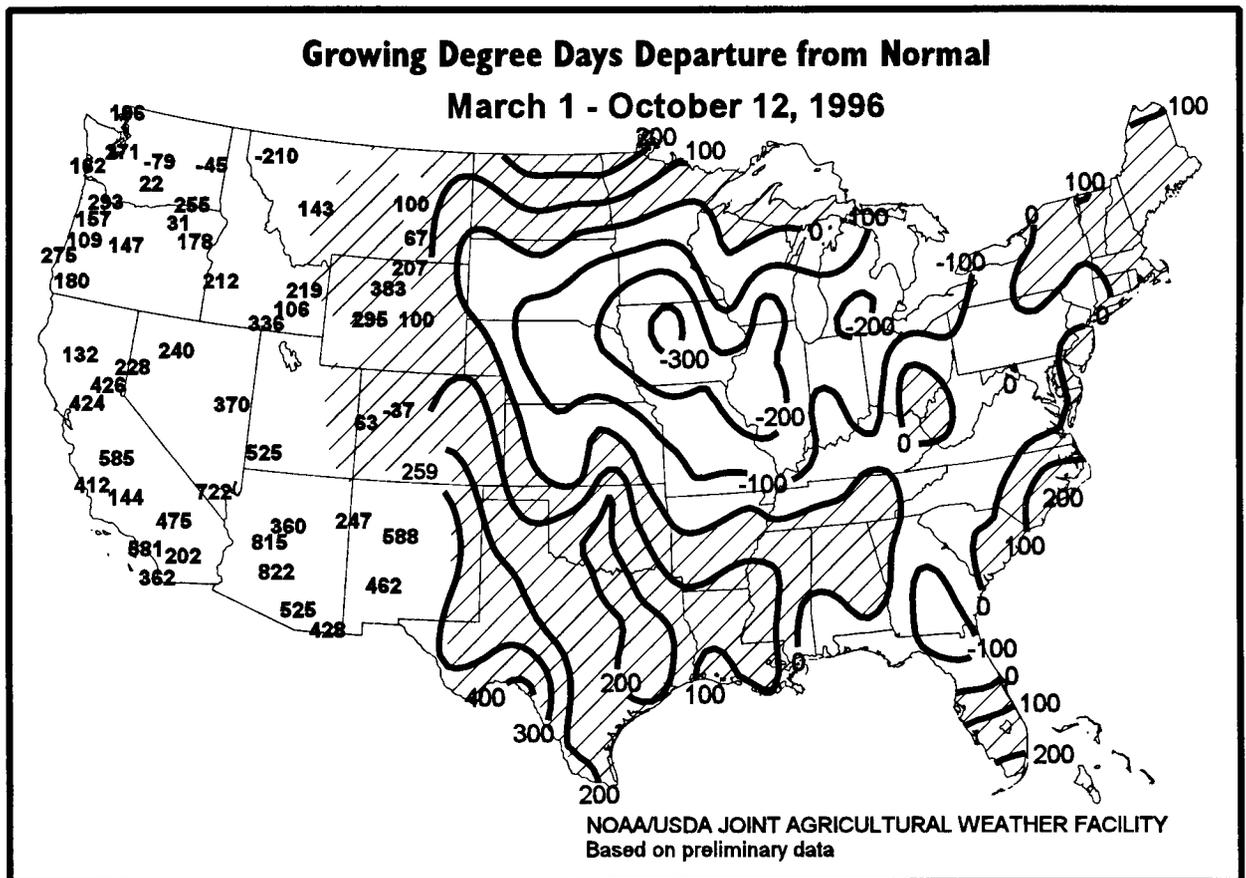
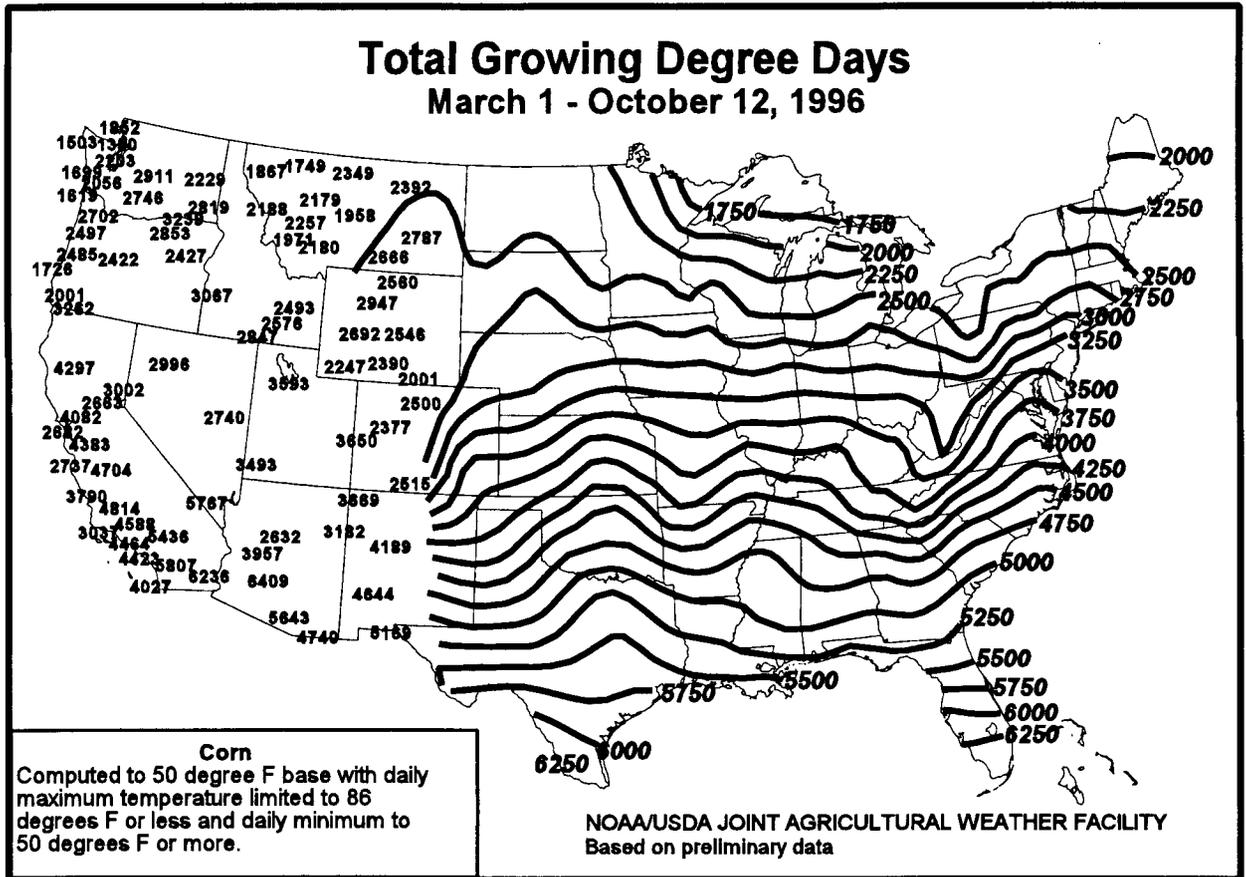
OCT 6 - 12, 1996





Josephine (above) as a tropical storm about 10 hours before landfall, and over eastern North Carolina (right), racing northeastward during her transition to an extratropical low-pressure system.





National Weather Data for Selected Cities

Weather Data for the Week Ending October 12, 1996

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 Sep 1	PCT. NORMAL SINCE Sep 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	05 INCH OR MORE		
AL	BIRMINGHAM	71	48	77	41	68	-6	0.34	-0.27	-	6.17	124	52.16	120	92	48	0	0	0	0	
	MOBILE	73	54	79	49	83	-7	0.80	0.11	0.77	5.87	83	52.84	100	91	51	0	0	0	0	
	MONTGOMERY	71	51	79	43	61	-6	0.14	-0.46	0.14	8.87	188	55.99	128	92	47	0	0	0	1	
AK	ANCHORAGE	42	29	50	28	36	-2	0.53	0.02	0.47	2.51	71	10.80	85	86	54	0	6	2	0	
	BARROW	10	-5	20	-19	2	-14	0.02	-0.09	0.01	0.90	117	3.25	88	87	78	0	7	2	0	
	FAIRBANKS	27	13	40	3	20	-10	0.35	0.16	0.19	1.43	113	9.36	107	85	59	0	7	3	0	
	JUNEAU	51	43	55	38	47	3	-	-	-	-	-	-	98	73	0	0	0	-		
	KODIAK	48	35	58	29	41	-1	0.13	-1.54	0.08	9.48	98	38.45	76	85	53	0	3	2	0	
	NOME	31	15	37	-6	23	-8	0.78	0.43	0.43	1.71	57	13.54	110	82	56	0	7	3	0	
AZ	PHOENIX	101	73	103	70	87	10	0.00	-0.15	0.00	0.54	48	3.67	84	38	14	7	0	0	0	
	PRESCOTT	86	49	90	45	67	-	0.00	-0.25	0.00	0.98	41	8.50	41	67	23	1	0	0	0	
	TUCSON	97	67	100	83	82	9	0.00	-0.26	0.00	3.70	175	8.57	88	39	15	7	0	0	0	
	YUMA	105	75	111	71	90	12	0.00	-0.06	0.00	0.00	0	0.93	40	40	19	7	0	0	0	
AR	FORT SMITH	75	50	80	44	62	-2	0.08	-0.73	0.08	6.61	143	42.24	133	93	45	0	0	1	0	
	LITTLE ROCK	-	-	-	-	-	-	0.17	-0.88	-	5.69	105	35.37	96	-	-	-	-	-	-	
CA	BAKERSFIELD	92	62	101	58	77	7	0.00	-0.06	0.00	0.00	0	4.20	100	58	24	5	0	0	0	
	EUREKA	68	51	82	47	60	4	0.04	-0.40	0.02	1.25	79	30.69	133	94	60	0	0	3	0	
	FRESNO	92	60	98	54	78	9	0.00	-0.09	0.00	0.00	0	8.14	111	72	23	4	0	0	0	
	LOS ANGELES	70	60	72	58	65	-3	0.00	-0.03	0.00	0.00	0	8.72	106	98	56	0	0	0	0	
	REDDING	91	53	100	50	72	8	0.00	-0.39	0.00	0.82	41	28.30	136	76	20	4	0	0	0	
	SACRAMENTO	90	57	99	52	73	7	0.00	-0.18	0.00	0.00	0	15.85	138	90	26	4	0	0	0	
	SAN DIEGO	72	61	74	60	67	-2	0.00	-0.05	0.00	0.00	0	3.94	80	96	57	0	0	0	0	
	SAN FRANCISCO	80	58	94	54	69	7	0.00	-0.20	0.00	0.00	0	18.46	144	86	41	2	0	0	0	
CO	DENVER	76	47	85	42	61	8	0.00	-0.22	0.00	0.94	58	7.39	55	63	22	0	0	0	0	
	GRAND JUNCTION	80	49	83	48	65	6	0.00	-0.28	0.00	1.97	129	7.57	94	78	20	0	0	0	0	
	PUEBLO	81	38	89	35	60	4	0.00	-0.14	0.00	1.46	132	12.06	121	84	20	0	0	0	0	
CT	BRIDGEPORT	60	44	69	33	52	-6	0.82	0.14	0.71	5.89	136	39.51	121	82	59	0	0	3	1	
	HARTFORD	60	39	67	29	49	-5	2.13	1.33	1.43	8.90	173	41.99	123	96	54	0	3	3	1	
DC	WASHINGTON	64	48	69	41	58	-6	1.77	1.08	1.49	9.94	222	40.06	131	91	57	0	0	2	1	
FL	PANAMA CITY	73	57	79	52	65	-5	-	-	-	-	-	-	89	57	0	0	-	-		
	DAYTONA BEACH	80	66	82	58	73	-2	2.52	1.50	1.46	11.15	138	53.82	133	94	57	0	0	4	2	
	JACKSONVILLE	76	62	80	55	69	-6	9.08	8.10	6.01	15.68	180	51.56	122	96	64	0	0	3	2	
	KEY WEST	84	76	85	72	80	-1	2.93	1.85	2.36	12.79	165	33.98	105	89	69	0	0	4	1	
	MIAMI	85	74	92	73	80	1	4.48	3.05	2.18	12.77	127	50.89	105	88	63	1	0	6	3	
	ORLANDO	81	65	82	58	73	-4	1.42	0.80	0.68	9.11	129	53.40	126	97	61	0	0	3	2	
	TALLAHASSEE	75	55	80	46	66	-6	5.82	5.14	5.25	16.99	254	53.17	96	93	59	0	0	2	2	
	TAMPA	82	68	85	61	75	-2	2.41	1.87	1.37	7.99	116	42.40	108	91	61	0	0	3	2	
	WEST PALM BEACH	84	72	87	68	78	-1	2.42	0.58	1.50	8.85	85	35.34	72	89	58	0	0	5	2	
GA	ATLANTA	69	51	78	46	60	-4	0.26	-0.40	0.19	4.66	102	36.86	90	83	49	0	0	2	0	
	AUGUSTA	70	49	77	40	60	-6	1.22	0.56	1.09	4.83	117	32.52	87	96	51	0	0	2	1	
	MACON	71	50	81	40	60	-6	1.67	1.17	1.59	4.86	135	30.35	83	95	52	0	0	3	1	
	SAVANNAH	73	56	80	48	64	-5	3.29	2.71	2.93	6.23	115	29.07	68	92	56	0	0	2	1	
HI	HILO	87	69	88	68	78	2	0.16	-1.81	0.09	6.82	56	89.57	93	82	52	0	0	2	0	
	HONOLULU	90	75	91	72	83	3	0.00	-0.47	0.00	0.78	52	12.23	89	77	48	8	0	0	0	
	KAHULUI	90	71	92	67	81	3	-	-	-	-	-	-	77	51	4	0	-	-		
	LIHUE	-	75	-	73	-	-	-	-	-	-	-	-	86	68	-	-	-	-		
ID	BOISE	81	53	88	50	67	13	0.00	-0.14	0.00	0.59	57	8.24	94	54	24	0	0	0	0	
	LEWISTON	76	49	82	45	62	8	0.00	-0.19	0.00	1.10	95	12.56	131	74	32	0	0	0	0	
	POCATELLO	78	39	83	36	58	8	0.00	-0.19	0.00	1.32	112	8.86	95	77	20	0	0	0	0	
IL	CHICAGO	61	41	76	27	51	-4	0.22	-0.34	0.15	2.98	63	26.42	91	97	61	0	1	2	0	
	MOLINE	64	43	79	32	54	-2	0.01	-0.68	0.01	1.11	21	23.13	71	93	54	0	1	1	0	
	PEORIA	62	41	77	33	51	-5	0.19	-0.44	0.13	1.57	32	23.37	79	93	54	0	0	3	0	
	QUINCY	64	44	76	36	54	-4	-	-	-	-	-	-	92	56	0	0	-	-		
	ROCKFORD	61	39	78	28	50	-4	0.05	-0.62	0.05	1.68	34	36.28	121	97	55	0	2	1	0	
	SPRINGFIELD	66	41	79	30	53	-5	0.05	-0.55	0.06	1.19	27	25.55	90	93	53	0	2	1	0	
IN	EVANSVILLE	66	44	75	37	56	-6	0.10	-0.53	0.08	8.49	202	47.78	133	97	57	0	0	3	0	
	FORT WAYNE	62	40	75	29	51	-4	0.19	-0.36	0.15	4.09	114	35.49	129	95	52	0	1	2	0	
	INDIANAPOLIS	64	44	74	36	54	-3	0.18	-0.40	0.12	7.74	202	42.52	134	95	55	0	0	2	0	
	SOUTH BEND	59	42	74	29	51	-4	0.26	-0.44	0.26	3.06	64	34.67	113	89	58	0	1	1	0	
IA	DES MOINES	64	42	75	34	53	-2	0.10	-0.59	0.09	4.20	84	28.65	98	92	50	0	0	2	0	
	SIOUX CITY	69	38	77	29	53	-1	0.02	-0.46	0.02	2.69	72	28.98	126	90	44	0	2	1	0	
	WATERLOO	63	37	75	27	50	-2	0.09	-0.53	0.09	3.97	86	22.65	78	96	50	0	3	1	0	
KS	CONCORDIA	70	46	80	36	58	-1	0.09	-0.40	0.09	6.07	157	22.67	88	89	49	0	0	1	0	
	DODGE CITY	74	47	84	40	60	0	0.42	0.11	0.42	5.50	225	28.41	147	93	49	0	0	1	0	
	GOODLAND	77	43	93	36	60	5	0.53	0.31	0.53	1.20	82	19.02	115	88	38	2	0	1	1	
	TOPEKA	70	46	78	39	58	-1	0.57	-0.17	0.57	4.17	82	31.69	105	92	52	0	0	1	1	
	WICHITA	72	50	80	44	61	-1	0.23	-0.47	0.23	4.09	81	20.87	70	88	49	0	0	1	0	
KY	BOWLING GREEN	67	43	74	36	55	-5	0.08	-0.58	0.06	7.11	147	44.41	112	99	49	0	0	2	0	
	LEXINGTON	65	43	74	37	54	-5	0.15	-0.42	0.08	4.34	106	41.65	117	94	48	0	0	2	0	
	LOUISVILLE	68	47	77	42	58	-2	0.26	-0.32	0.18	5.88	142	37.68	106	97	47	0	0	3	0	
LA	BATON ROUGE	75	55	79	46	65	-5	0.87	-0.12	0.67	7.42	120	46.98	94	96	50	0	0	1	1	
	LAKE CHARLES	79	57	83	50	68	-3	0.01	-0.91	0.01	7.47	103	38.14	88	93	46	0	0	1	0	
	NEW ORLEANS	76	60	81	53	68	-3	0.35	-0.35	0.35	4.33	65	42.18	84	87	51	0	0	1	0	
	SHREVEPORT	77	53	80	44	65	-2	0.00	-0.85	0.00	7.17	136	35.03	92	83	47	0	0	0	0	

Based on 1961-90 normals

Weather Data for the Week Ending October 12, 1996

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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F			
																90 AND ABOVE	82 AND BELOW	0.1 INCH OR MORE	0.5 INCH OR MORE
ME CARIBOU	55	36	65	29	46	0	0.91	0.22	0.50	3.94	85	31.82	114	94	80	0	3	2	1
PORTLAND	56	36	80	27	46	-6	1.29	0.47	0.84	4.98	111	34.06	108	97	81	0	3	4	2
MD BALTIMORE	63	41	70	34	52	-7	1.56	0.89	1.33	7.50	166	42.41	131	98	54	0	0	2	1
SALISBURY	85	46	73	34	56	-4	2.56	1.77	2.16	7.75	156	45.80	126	99	58	0	0	3	1
MA BOSTON	58	44	66	37	52	-5	2.24	1.53	1.72	8.28	194	35.76	114	90	58	0	0	3	2
CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	56	37	75	26	47	-2	0.04	-0.46	0.04	6.11	156	21.46	92	88	58	0	2	1	0
DETROIT	58	41	75	32	50	-4	0.00	-0.47	0.00	4.36	118	19.51	75	91	59	0	1	0	0
FLINT	57	40	74	27	48	-4	0.60	0.09	0.38	3.43	78	19.42	80	89	82	0	1	4	0
GRAND RAPIDS	57	40	72	26	48	-3	0.49	-0.16	0.36	3.20	80	21.20	75	87	80	0	2	2	0
HOUGHTON LAKE	55	38	70	27	46	-3	0.08	-0.43	0.06	4.88	114	28.30	124	88	63	0	1	2	0
LANSING	57	39	72	24	48	-3	0.58	-0.08	0.30	2.94	59	22.19	88	90	63	0	2	4	0
MARQUETTE	53	31	70	24	42	-4	0.68	-0.17	0.52	4.32	78	33.25	120	96	81	0	5	3	1
MUSKEGON	57	38	68	24	47	-5	0.38	-0.27	0.29	3.02	61	20.41	82	94	65	0	2	3	0
SAULT ST. MARIE	51	32	62	25	42	-6	0.79	0.06	0.79	7.73	157	32.33	124	91	63	0	5	1	1
MN ALEXANDRIA	60	37	75	27	49	0	-	-	-	-	-	-	-	90	48	0	1	-	-
DULUTH	56	35	73	27	45	-1	0.02	-0.59	0.02	5.15	106	27.14	106	86	51	0	2	1	0
INT'L FALLS	59	31	71	20	46	-1	0.03	-0.47	0.03	2.77	89	21.08	99	91	52	0	3	1	0
MINNEAPOLIS	62	37	77	30	49	-2	0.02	-0.50	0.02	1.28	36	16.19	66	88	43	0	2	1	0
ROCHESTER	60	37	72	28	48	-2	0.01	-0.56	0.01	2.17	49	21.81	85	92	50	0	3	1	0
MS GREENWOOD	77	50	81	42	64	-3	-	-	-	-	-	-	-	94	39	0	0	-	-
JACKSON	75	50	79	41	62	-3	0.00	-0.70	0.00	1.49	36	45.21	108	94	44	0	0	0	0
MERIDIAN	74	49	80	40	62	-4	0.00	-0.66	0.00	3.99	85	46.43	105	96	46	0	0	0	0
MO CAPE GIRARDEAU	67	42	76	35	56	-6	0.04	-0.62	0.04	5.10	109	30.41	84	98	46	0	0	1	0
COLUMBIA	66	46	77	34	56	-3	0.32	-0.46	0.18	6.50	123	31.33	101	92	53	0	0	2	0
KANSAS CITY	68	46	78	39	57	-2	0.00	-0.82	0.00	2.20	36	29.98	92	92	51	0	0	0	0
SAINT LOUIS	67	46	77	39	58	-4	0.18	-0.44	0.15	3.04	73	32.73	110	93	52	0	0	2	0
SPRINGFIELD	69	45	77	37	57	-3	0.00	-0.84	0.00	7.44	120	28.29	81	95	48	0	0	0	0
MT BILLINGS	74	46	84	40	60	8	0.00	-0.28	0.00	1.81	87	10.38	81	70	26	0	0	0	0
GLASGOW	68	41	76	38	56	6	0.00	-0.16	0.00	2.94	230	8.31	83	80	37	0	0	0	0
GREAT FALLS	74	39	83	32	58	6	0.00	-0.19	0.00	1.47	94	8.12	61	74	26	0	1	0	0
HAVRE	72	36	83	32	54	5	0.00	-0.14	0.00	1.58	111	9.76	98	81	33	0	2	0	0
HELENA	77	37	83	33	57	9	0.00	-0.15	0.00	0.51	36	8.48	83	74	17	0	0	0	0
KALISPELL	66	32	70	30	49	5	0.00	-0.19	0.00	1.79	113	17.84	138	97	41	0	4	0	0
MILES CITY	75	42	85	35	59	8	0.00	-0.22	0.00	0.91	54	11.05	89	75	23	0	0	0	0
MISSOULA	73	34	77	29	53	7	0.00	-0.17	0.00	0.69	49	12.36	111	86	29	0	2	0	0
NE GRAND ISLAND	71	42	85	30	58	1	0.00	-0.34	0.00	3.02	88	26.94	120	87	43	0	1	0	0
LINCOLN	69	42	80	32	58	-1	0.02	-0.51	0.02	3.82	87	32.38	129	92	47	0	1	1	0
NORFOLK	69	39	80	29	54	0	0.00	-0.40	0.00	3.20	102	21.34	95	89	45	0	1	0	0
NORTH PLATTE	72	38	87	30	56	3	0.09	-0.15	0.09	5.84	281	24.12	137	93	38	0	1	1	0
OMAHA	68	42	78	33	56	-1	0.01	-0.66	0.01	4.88	103	27.10	104	91	42	0	0	1	0
SCOTTSBLUFF	77	39	90	36	58	6	0.00	-0.19	0.00	2.44	174	15.00	110	86	25	1	0	0	0
VALENTINE	72	39	87	26	56	0	0.00	-0.31	0.00	4.49	158	15.20	74	94	33	0	1	0	0
NV ELY	81	34	85	28	58	10	0.00	-0.22	0.00	0.39	28	5.28	63	81	9	0	1	0	0
LAS VEGAS	96	63	97	59	79	9	0.00	-0.03	0.00	0.00	0	0.91	29	37	13	7	0	0	0
RENO	84	39	90	32	61	9	0.00	-0.08	0.00	0.46	96	7.89	148	84	18	2	1	0	0
NH WINNEMUCCA	84	36	91	34	60	9	0.00	-0.13	0.00	0.59	100	6.72	111	83	14	1	0	0	0
CONCORD	58	32	68	23	45	-5	0.87	0.17	0.63	3.92	98	31.24	113	92	55	0	3	2	1
NJ ATLANTIC CITY	62	43	70	32	53	-4	2.28	1.67	1.96	7.52	191	39.87	126	93	56	0	1	2	1
NM ALBUQUERQUE	80	53	83	51	66	7	0.00	-0.22	0.00	2.15	158	7.98	107	67	22	0	0	0	0
CLOVIS	83	50	90	48	66	6	-	-	-	-	-	-	-	88	25	2	0	-	-
ROSWELL	86	52	93	50	69	5	-	-	-	-	-	-	-	90	26	2	0	-	-
NY ALBANY	59	36	65	27	48	-5	0.86	0.22	0.54	5.88	146	35.39	126	98	71	0	3	3	1
BINGHAMTON	56	36	67	27	46	-5	0.41	-0.24	0.33	5.29	119	34.43	119	94	60	0	2	3	0
BUFFALO	57	43	70	38	50	-3	0.49	-0.20	0.33	8.08	174	37.51	128	87	63	0	0	2	0
NEW YORK	62	50	69	44	56	-4	1.81	0.95	1.81	5.86	130	34.49	104	85	55	0	0	1	1
ROCHESTER	60	42	75	36	51	-2	0.91	0.36	0.60	6.03	156	33.82	136	92	63	0	0	2	1
SYRACUSE	61	39	75	33	50	-3	0.34	-0.38	0.34	4.81	96	28.39	94	88	57	0	0	1	0
NC ASHEVILLE	61	41	67	30	51	-7	0.23	-0.79	0.18	5.86	93	38.53	86	94	58	0	1	2	0
CHARLOTTE	67	48	75	42	58	-6	1.36	0.59	0.81	5.98	124	34.21	99	89	62	0	0	2	2
GREENSBORO	63	44	69	37	54	-7	1.11	0.31	0.85	14.01	284	43.44	127	95	61	0	0	3	1
HATTERAS	70	59	80	53	65	-3	4.53	3.40	3.25	8.44	117	-	-	88	70	0	0	2	2
NEW BERN	72	54	82	49	63	-2	3.01	2.29	2.74	14.09	223	50.52	110	93	54	0	0	2	1
RALEIGH	66	47	78	38	57	-5	2.78	2.14	2.44	19.43	454	49.73	148	93	82	0	0	2	1
WILMINGTON	72	54	81	48	63	-2	4.53	3.71	2.86	19.30	236	60.19	126	94	54	0	0	2	2
ND BISMARCK	69	37	83	30	53	4	0.00	-0.23	0.00	2.78	147	16.53	118	88	37	0	1	0	0
FARGO	64	35	79	25	49	0	0.00	-0.41	0.00	3.07	113	12.88	74	80	42	0	3	0	0
GRAND FORKS	66	35	79	27	50	3	0.00	-0.33	0.00	1.88	80	13.02	79	86	36	0	4	0	0
WILLISTON	68																		

Weather Data for the Week Ending October 12, 1996

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 Sep 1	PCT. NORMAL SINCE Sep 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
OK TOLEDO	81	40	78	29	51	-3	0.24	-0.23	0.22	2.96	81	23.04	89	97	58	0	1	2	0
OK YOUNGSTOWN	80	40	70	35	50	-4	0.84	0.25	0.75	7.18	160	33.08	111	96	58	0	0	2	1
OK OKLAHOMA CITY	76	53	81	46	64	0	0.58	-0.22	0.58	6.44	124	32.56	116	91	44	0	0	1	1
OR TULSA	76	51	81	44	63	-1	0.02	-0.86	0.02	5.09	82	18.31	56	86	43	0	0	1	0
OR ASTORIA	89	50	81	45	80	6	0.30	-0.80	0.15	4.77	100	51.21	122	96	58	0	0	3	0
OR BURNS	79	34	89	28	57	9	0.00	-0.14	0.00	0.72	67	8.92	126	77	20	0	2	0	0
OR MEDFORD	86	48	94	44	68	9	0.00	-0.27	0.00	0.49	38	15.18	134	86	22	3	0	0	0
OR PENDLETON	75	46	81	44	61	6	0.00	-0.17	0.00	0.64	74	9.49	114	79	30	0	0	0	0
OR PORTLAND	73	63	83	49	63	7	0.45	-0.05	0.39	3.98	154	36.08	156	91	45	0	0	3	0
OR SALEM	72	51	81	46	61	7	0.22	-0.33	0.22	2.47	100	37.72	157	96	58	0	0	3	0
PA ALLENTOWN	59	38	69	28	49	-7	2.06	1.40	1.46	7.79	155	40.26	117	92	55	0	3	3	1
PA ERIE	61	46	73	41	53	-3	0.90	0.05	0.80	11.52	197	41.12	129	92	67	0	0	1	1
PA HARRISBURG	62	44	70	34	53	-4	-	-	-	4.54	98	39.50	124	97	54	0	0	-	-
PA PHILADELPHIA	62	45	70	37	54	-3	1.79	1.07	1.51	6.77	126	39.55	108	92	56	0	0	3	1
PA PITTSBURGH	61	40	72	31	50	-4	0.23	-0.29	0.23	5.82	151	37.07	125	92	56	0	1	1	0
PA SCRANTON	58	38	66	26	48	-5	0.72	0.09	0.53	4.31	98	34.97	120	96	56	0	2	3	1
RI PROVIDENCE	61	41	64	33	51	-5	2.37	1.57	2.12	8.10	168	36.09	106	93	60	0	0	3	1
SC CHARLESTON	72	56	80	50	64	-5	0.44	-0.26	0.44	9.12	155	36.12	81	90	58	0	0	1	0
SC COLUMBIA	69	50	78	38	60	-6	2.22	1.63	1.40	4.78	99	29.38	70	92	47	0	0	2	2
SC FLORENCE	70	51	79	45	61	-5	-	-	-	-	-	-	97	54	0	0	-	-	
SC GREENVILLE	66	47	75	41	57	-6	0.68	-0.33	0.45	5.26	96	42.83	104	93	54	0	0	3	0
SD ABERDEEN	65	36	81	25	50	0	0.03	-0.32	0.03	5.35	209	19.34	101	90	44	0	2	1	0
SD HURON	67	37	81	27	52	1	0.00	-0.36	0.00	1.69	72	14.67	81	89	43	0	2	0	0
SD RAPID CITY	72	42	83	33	57	6	0.08	-0.21	0.05	1.30	76	16.43	110	83	31	0	0	2	0
SD SIOUX FALLS	65	36	78	27	50	-1	0.11	-0.34	0.11	2.93	77	14.97	71	89	49	0	2	1	0
TN CHATTANOOGA	70	47	78	41	58	-4	0.00	-0.70	0.00	7.16	134	44.48	108	95	46	0	0	0	0
TN KNOXVILLE	66	44	73	36	56	-6	0.02	-0.69	0.02	3.64	89	37.30	100	93	51	0	0	1	0
TN MEMPHIS	70	49	77	42	60	-6	0.12	-0.61	0.12	5.94	129	51.13	130	90	48	0	0	1	0
TX NASHVILLE	69	46	75	38	58	-5	0.01	-0.56	0.01	4.78	108	35.35	95	94	46	0	0	1	0
TX ABILENE	82	56	86	50	69	0	0.06	-0.56	0.03	6.08	142	22.88	111	84	41	0	0	2	0
TX AMARILLO	80	49	88	43	64	3	0.00	-0.34	0.00	1.86	73	18.39	104	88	33	0	0	0	0
TX AUSTIN	82	60	85	57	71	-2	0.00	-0.81	0.00	3.00	64	21.34	83	88	46	0	0	0	0
TX BEAUMONT	80	59	83	54	69	-2	0.00	-0.99	0.00	10.81	135	36.83	82	95	46	0	0	0	0
TX BROWNSVILLE	83	65	85	60	74	-3	0.11	-0.83	0.11	19.81	264	27.03	120	97	46	0	0	1	0
TX CORPUS CHRISTI	86	62	88	58	74	-1	0.00	-0.78	0.00	3.49	50	16.39	63	93	43	0	0	0	0
TX DEL RIO	86	62	89	58	74	2	0.00	-0.72	0.00	2.35	58	9.43	48	91	39	0	0	0	0
TX EL PASO	89	58	92	53	72	6	0.00	-0.20	0.00	1.24	80	8.94	119	54	18	4	0	0	0
TX FORT WORTH	80	57	85	51	69	1	0.00	-0.98	0.00	1.51	23	20.55	67	82	41	0	0	0	0
TX GALVESTON	79	66	83	64	72	-2	0.00	-0.69	0.00	3.08	43	15.52	46	85	57	0	0	0	0
TX HOUSTON	81	57	84	53	69	-2	0.03	-0.99	0.03	8.09	109	29.84	72	96	48	0	0	1	0
TX LUBBOCK	84	51	91	47	68	4	0.00	-0.47	0.00	0.59	17	12.86	78	84	28	2	0	0	0
TX MIDLAND	84	56	91	49	70	3	0.00	-0.37	0.00	0.97	25	7.45	56	86	35	1	0	0	0
TX SAN ANGELO	83	53	88	46	68	0	0.00	-0.61	0.00	2.06	46	16.76	96	91	42	0	0	0	0
TX SAN ANTONIO	84	58	86	51	71	-1	0.00	-0.74	0.00	3.74	80	12.53	50	88	41	0	0	0	0
TX VICTORIA	84	59	86	55	72	-1	0.00	-1.06	0.00	5.32	65	22.24	61	95	45	0	0	0	0
TX WACO	80	55	83	47	67	-3	0.01	-0.79	0.01	1.91	39	18.81	73	93	43	0	0	1	0
TX WICHITA FALLS	79	55	83	49	67	1	0.02	-0.76	0.02	5.05	96	17.99	73	89	44	0	0	1	0
UT CEDAR CITY	84	-45	88	42	65	11	0.00	-0.22	0.00	0.98	73	9.38	102	47	12	0	0	0	0
UT SALT LAKE CITY	84	52	88	48	68	13	0.00	-0.33	0.00	1.03	55	12.42	98	58	19	0	0	0	0
VT BURLINGTON	67	38	68	27	48	-2	0.82	0.18	0.48	3.85	88	32.67	120	88	58	0	2	4	0
VA NORFOLK	66	54	73	46	60	-3	3.51	2.78	3.06	5.72	111	44.01	120	91	68	0	0	3	1
VA RICHMOND	64	46	69	40	55	-5	4.09	3.29	2.90	10.97	231	42.83	123	85	60	0	0	3	2
VA ROANOKE	61	42	65	35	52	-7	1.01	0.13	0.62	7.92	159	43.98	134	92	53	0	0	3	1
WA QUILLAYUTE	67	48	81	44	58	6	1.69	-0.45	1.06	6.83	80	58.63	86	95	48	0	0	3	2
WA SEATTLE-TACOMA	67	51	79	47	59	5	0.18	-0.44	0.12	2.78	95	30.61	131	98	61	0	0	3	0
WA SPOKANE	71	43	78	35	57	7	0.01	-0.17	0.01	0.82	81	13.74	122	90	40	0	0	1	0
WA YAKIMA	74	43	79	38	59	7	0.04	-0.04	0.04	0.35	67	5.88	114	86	36	0	0	1	0
WV BECKLEY	59	40	63	30	49	-5	0.60	-0.06	0.41	7.70	172	47.13	142	93	55	0	1	2	0
WV CHARLESTON	64	40	73	33	52	-6	0.02	-0.61	0.02	7.98	186	47.59	141	98	49	0	0	1	0
WV HUNTINGTON	65	40	73	33	52	-4	0.02	-0.61	0.02	4.53	105	41.71	121	96	51	0	0	1	0
WV PARKERSBURG	65	39	75	33	52	-5	0.26	-0.35	0.24	6.06	163	40.87	122	98	49	0	0	2	0
WI GREEN BAY	67	34	74	25	45	-5	0.28	-0.25	0.23	1.69	39	20.11	84	90	56	0	4	2	0
WI LACROSSE	62	41	73	34	52	-1	0.00	-0.54	0.00	1.87	39	21.32	81	91	47	0	0	0	0
WI MADISON	59	37	73	29	48	-5	0.30	-0.28	0.30	1.37	29	24.98	92	92	53	0	3	1	0
WI MILWAUKEE	61	42	78	34	52	-1	0.55	-0.01	0.55	2.37	55	18.11	68	89	50	0	0	1	1
WI WAUSAU	57	36	69	30	47	-3	0.12	-0.53	0.06	2.80	48	27.87	100	88	48	0	3	2	0
WY CASPER	77	36	84	27	56	7	0.00	-0.22	0.00	0.49	37	7.44	71	64	18	0	3	0	0
WY CHEYENNE	73	42	81	35	57	8	0.00	-0.18	0.00	2.45	155	14.89	114	77	26	0	0	0	0
WY LANDER	76	44	81	41	60	11	0.00	-0.28	0.00	0.71	45	7.10	64	59	20	0	0	0	0
WY SHERIDAN	77	42	88	35	59	10	0.00	-0.28	0.00	1.02	55	10.46	85	71	27	0	0	0	0
PR SAN JUAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Based on 1961-90 normals

Note: These data are preliminary and subject to change. In the past, precipitation totals from a number of stations have been incomplete.

National Agricultural Summary

October 7 - 13, 1996

HIGHLIGHTS

Heavy rains from Tropical Storm Josephine saturated Florida's citrus groves and slowed fieldwork across the Southeast. Continued wet weather in the mid-Atlantic saturated fields, prevented some farmers from entering their fields, and delayed small grain seeding and harvest activity. Row crop harvest activity in the Midwest was unaffected by showers early in the week, but the high moisture content of corn and late maturity of soybean fields limited some harvest activity. For the second consecutive week, a frost dipped into the northern Corn

Belt, but caused little or no damage to row crops that were mostly ripe and ready for harvest. The frost was welcomed by some producers in the Corn Belt who hoped it would accelerate the dry down of row crops. Warm, dry weather in the Western States allowed small grain seeding to advance, with some reseeding reported in the Pacific Northwest. Previous wet weather delayed some small grain seeding in the Dakotas, where some fields are expected to remain unplanted due to the lateness of the season.

The **winter wheat** crop in the 19 major producing States was 73 percent (%) planted, up 19 percentage points from last week but 1 point behind the 5-year average. Winter wheat emerged for the major producing States was 44% complete, up 16 points from last week but 2 points behind the average. Planting progress in the eastern Corn Belt was significantly behind the average due to the lateness of the row crop harvest. Ohio, at 35% complete, increased 23 points from last week, but remained 26 points behind the average. Planting progress in Indiana, at 27% complete, increased 13 points from last week, but remained 29 points behind the average. Wheat acreage seeded in Texas at 85% complete was 19 points ahead of the average, while winter wheat emerged was 25 points ahead. Armyworm damage was evident in Texas on emerged fields.

Corn condition in the 17 major producing States at 66% good to excellent was up slightly from last week. Little frost damage was reported in the eastern Corn Belt, where some producers delayed harvest with the hope that frost would dry corn. Corn mature at 90% complete was up 10 points from last week but 1 point behind the average. Corn harvested at 20% complete was up 6 points from last week but 14 points behind normal. Corn mature in Illinois and Indiana was up 7 points from the previous week, but 20 points or more behind the average.

Cotton condition was 59 percent good to excellent in the 14 major producing States, up slightly from last week. Cotton bolls opening was 88% complete, up 5 points from last week and 5 points ahead of the average for the Nation. Cotton acreage harvested was estimated at 35%, up 10 points from

last week. Harvest activity was slowed in the Southeast and Gulf Coast States by rainy weather associated with Tropical Storm Josephine. Cotton defoliation was active in California's San Joaquin and Sacramento Valleys.

Sorghum acreage mature, at 84%, was up 8 points from last week and 1 point ahead of the average. Sorghum harvested at 38% complete was up 6 points from the previous week but 11 points below the average. In Nebraska, sorghum harvested at 8% complete was up 6 points from last week, but 26 points behind the average. Sorghum harvest activity slowed in some States due to high grain-moisture levels and producers concentrating on first completing the harvest of other row crops.

Rice harvest reached 91% complete, up 7 points from last week and 6 points ahead of the average. Harvest activity in Mississippi at 98% complete was up 11 points from the previous week and 14 points ahead of normal. Some California producers reported that harvested rice fields had rice blast disease.

Soybean condition rated 60% good to excellent, up slightly from last week. Soybeans dropping leaves, at 89% complete, was up 14 points from last week but 2 points behind the average. Soybean acreage harvested, at 40%, was up 23 points from last week but 12 points less than the average. Indiana's soybean harvest, at 27% complete, was up 15 from the previous week, but 41 points behind normal. Minnesota's soybean harvest at 81% complete was up 61% from the previous week, 28 points ahead of the average. Soybean harvest activity across the Ohio and middle Mississippi Valley remained behind schedule.

Crop Progress and Condition

Week Ending October 13, 1996

Soybeans Percent Dropping Leaves

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AL	69	51	73	66
AR	60	44	53	52
GA	73	64	69	78
IL	90	73	97	98
IN	98	80	100	100
IA	96	84	99	98
KS	91	83	97	96
KY	75	54	87	76
LA	85	76	84	76
MI	99	68	100	99
MN	99	99	99	94
MS	83	72	87	74
MO	77	55	85	88
NE	99	94	100	100
NC	45	35	56	56
OH	90	74	100	100
SC	24	14	17	27
SD	100	96	100	99
TN	85	67	84	76
ALL	89	75	92	91

These 19 States produced 94% of the 1995 soybean crop.

Soybeans Percent Harvested

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AL	13	10	12	14
AR	23	17	20	19
GA	3	2	4	6
IL	34	17	74	73
IN	27	12	78	68
IA	59	22	56	63
KS	30	15	27	46
KY	10	3	26	18
LA	57	43	59	43
MI	14	7	56	38
MN	81	20	37	53
MS	53	31	57	35
MO	24	11	23	34
NE	64	22	43	68
NC	7	6	5	5
OH	22	12	60	59
SC	3	2	2	1
SD	46	13	23	51
TN	9	4	14	12
ALL	40	17	48	52

These 19 States produced 94% of the 1995 soybean crop.

Winter Wheat Percent Planted

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AR	15	10	13	18
CA	5	1	2	2
CO	93	80	91	96
GA	3	2	6	6
ID	79	60	62	71
IL	29	6	47	49
IN	27	14	56	56
KS	82	55	82	86
MI	42	29	79	72
MO	33	17	38	35
MT	88	65	89	79
NE	98	88	97	99
NC	16	14	21	21
OH	35	12	74	61
OK	74	46	58	76
OR	69	33	62	58
SD	93	72	95	97
TX	85	74	58	66
WA	94	90	86	85
ALL	73	54	69	74

These 19 States produced 92% of the 1995 winter wheat crop.

Winter Wheat Percent Emerged

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AR	7	5	4	8
CA	0	0	0	0
CO	68	51	70	79
GA	1	1	3	2
ID	34	19	34	38
IL	6	1	9	12
IN	5	2	17	17
KS	44	24	42	53
MI	15	12	49	42
MO	11	5	12	14
MT	43	16	46	42
NE	73	49	83	87
NC	0	0	0	4
OH	10	3	27	19
OK	35	18	20	38
OR	27	9	25	25
SD	71	48	80	86
TX	69	51	36	44
WA	71	68	66	66
ALL	44	28	39	46

These 19 States produced 92% of the 1995 winter wheat crop.

Corn Percent Mature

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
CO	95	85	76	81
GA	100	100	100	100
IL	89	83	99	98
IN	84	70	99	97
IA	94	85	99	96
KS	100	96	98	99
KY	100	95	98	97
MI	73	54	100	75
MN	97	87	99	80
MO	98	94	91	97
NE	97	91	99	96
NC	100	100	100	100
OH	56	40	98	88
PA	75	58	91	69
SD	96	79	91	84
TX	100	98	100	99
WI	72	48	100	76
ALL	90	80	98	91

These 17 States produced 91% of the 1995 corn crop.

Corn Percent Harvested

	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
CO	18	10	1	18
GA	93	90	97	96
IL	22	15	52	42
IN	15	8	50	36
IA	8	5	26	26
KS	53	32	40	63
KY	64	45	80	65
MI	10	5	27	18
MN	15	6	34	22
MO	54	45	42	51
NE	13	7	14	30
NC	77	71	89	83
OH	9	6	24	24
PA	21	15	38	20
SD	7	6	16	26
TX	91	84	88	91
WI	8	5	32	17
ALL	20	14	36	34

These 17 States produced 91% of the 1995 corn crop.

Crop Progress and Condition

Week Ending October 13, 1996

Cotton Percent Bolls Opening				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AL	90	86	93	86
AZ	100	100	100	99
AR	99	94	97	92
CA	100	100	99	100
GA	90	87	91	85
LA	100	100	100	99
MS	100	99	100	98
MO	100	92	90	92
NM	95	92	91	93
NC	98	93	99	97
OK	66	59	32	61
SC	93	89	87	91
TN	100	98	100	99
TX	75	66	66	67
ALL	88	83	83	83

These 14 States produced 99% of the 1995 cotton crop.

Cotton Percent Harvested				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AL	38	26	49	38
AZ	26	20	22	36
AR	46	29	45	41
CA	25	15	8	18
GA	29	20	42	27
LA	72	47	77	66
MS	66	49	73	51
MO	57	32	37	44
NM	13	10	5	6
NC	20	16	23	25
OK	4	1	0	13
SC	40	32	24	26
TN	59	38	34	39
TX	21	19	32	32
ALL	35	25	38	35

These 14 States produced 99% of the 1995 cotton crop.

Rice Percent Harvested				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AR	95	87	88	86
CA	60	45	43	61
LA	100	98	98	97
MS	98	87	99	84
TX	100	100	100	99
ALL	91	84	85	85

These 5 States produced 96% of the 1995 rice crop.

Sorghum Percent Mature				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AR	100	100	99	99
CO	51	33	64	69
IL	70	54	68	87
KS	83	72	79	79
LA	100	100	100	100
MS	100	100	100	100
MO	88	81	79	88
NE	84	75	97	90
NM	35	*35	6	47
OK	53	45	35	52
SD	93	87	92	86
TX	94	88	93	89
ALL	84	76	83	83

These 12 States produced 98% of the 1995 sorghum crop.

Sorghum Percent Harvested				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AR	94	90	94	91
CO	12	8	7	18
IL	6	4	20	33
KS	25	16	22	33
LA	100	98	98	96
MS	95	91	99	94
MO	45	31	53	50
NE	8	2	28	34
NM	0	0	0	8
OK	18	15	11	16
SD	17	13	19	33
TX	68	65	83	79
ALL	38	32	44	49

These 12 States produced 98% of the 1995 sorghum crop.

Peanuts Percent Harvested				
	Oct 13 1996	Prev Week	Prev Year	5-Yr Avg
AL	44	40	74	75
FL	67	60	NA	NA
GA	56	43	78	74
NC	32	20	38	38
OK	30	21	33	32
SC	55	41	58	55
TX	23	12	23	26
VA	75	55	82	72
ALL	46	35	60	58

These 8 States produced 99% of the 1995 peanut crop.

Soybeans Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	5	18	68	9
AR	3	11	28	40	18
GA	1	4	30	47	18
IL	5	13	40	36	6
IN	3	13	43	37	4
IA	1	4	26	53	16
KS	0	1	16	55	28
KY	0	4	26	59	11
LA	1	4	25	59	11
MI	8	22	31	33	6
MN	1	7	30	52	10
MS	1	6	29	54	10
MO	1	7	31	48	13
NE	0	2	7	44	47
NC	2	8	30	53	7
OH	4	15	37	36	8
SC	0	6	21	60	13
SD	0	3	19	55	23
TN	1	3	17	60	19
ALL	2	8	30	46	14
Prev Wk	2	8	31	48	11
Prev Yr	NA	NA	NA	NA	NA

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	1	3	15	62	19
GA	2	15	47	30	6
IL	4	11	31	41	13
IN	3	10	38	45	4
IA	0	3	22	57	18
KS	1	2	13	58	26
KY	1	4	20	50	25
MI	7	18	39	30	6
MN	1	6	32	53	8
MO	0	6	22	47	25
NE	1	2	8	50	39
NC	14	30	36	19	1
OH	5	15	38	36	6
PA	1	3	11	47	38
SD	0	2	19	52	27
TX	0	0	8	36	56
WI	2	11	35	46	6
ALL	2	7	25	48	18
Prev Wk	2	7	26	48	17
Prev Yr	NA	NA	NA	NA	NA

(Continued on back cover)

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, 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/> or from JAWF at <http://www.usda.gov/oce/waob/jawf>.

ALABAMA: Days suitable for fieldwork 4.9. Topsoil 7% short, 73% adequate, 20% surplus. Corn harvested 88%, 94% 1995, 89% avg. Wheat planted 14%, 15% 1995, 23% avg. Livestock 2% poor, 29% fair, 54% good, 15% excellent. Open skies, especially in north and central Alabama, allowed row crop harvest to resume at full speed in most areas. Some fields in the wiregrass area remained water saturated from recent rains.

ARIZONA: Temperatures continue above normal; cotton producers going for a top crop could benefit. Alfalfa season slowing. Harvest 2% light, 40% moderate, 34% active, 24% not being harvested at this time. Condition 1% poor, 21% fair, 44% good, 34% excellent. Central growers remained active harvesting cantaloupe, honeydew, watermelons, mixed greens, radishes, green onions. Head lettuce harvesting activities continued in eastern parts of the State. Cantaloupe pickers were kept busy in western fields. Apple harvest continued active for eastern growers. Citrus picking revolved primarily around lemons, grapefruit in western, central groves.

ARKANSAS: Days suitable for fieldwork 7. Soil moisture 2% very short, 19% short, 75% adequate, 4% surplus. Activities: Defoliating, ginning cotton, seeding cool season forage, preparing for and planting wheat, oats, winter annuals, harvesting cotton, rice, corn, sorghum, soybeans, hay. Soybean harvest continued in many counties. Soybean combining reported by Craighead county. Fire ants being treated in soybean fields in Lincoln county. Cotton defoliation proceeded in numerous counties. Cotton harvest, ginning progressed in several counties. Wheat, oats plantings reported by several counties. Numerous counties reported rice, corn, sorghum harvests winding down. Seeding cool season pastures reported by many counties. Fertilizer applications to pastures reported by numerous counties. Livestock continued in good condition. Weaning, vaccinating, selling cattle continued. Hay harvest near completion.

CALIFORNIA: Field activities progressed normally under favorable weather in most areas. Seedbed preparation for planting small grains and forage crops gained momentum. Planting of wheat, barley, oats, winter forage was ongoing in a few areas. Rice harvest continued active in the Sacramento, San Joaquin Valleys. Rice blast disease caused reduced yields in some Glenn County fields. Cotton defoliation was in full swing in the San Joaquin, Sacramento valleys. Harvest activity slowly increased, followed by shredding, discing for pink bollworm control. A few late-maturing fields were sprayed for aphids. Desert area harvest was winding down. Blackeye beans, old crop sugar beets, corn for grain and silage were harvested. Sunflower harvest neared completion in Colusa County. New crop sugar beets planted in Fresno County. Grain sorghum was treated for aphids in the southern San Joaquin Valley. Alfalfa, sudangrass were cut for hay or green chopped. Raisin grape harvest was virtually complete with 95% of the crop picked up. Growers continued to harvest late season table grape varieties for fresh use. Wine grape harvest was active. Fig harvest nearly complete. Harvest of Fuji, Granny Smith apples, Asian pears, pomegranates, persimmons, kiwifruit continued. Pistachio, walnut harvesting was active. Picking of early variety navel oranges was underway in Kern County. 1995-

96 Valencia orange crop harvest was winding down. Strawberry harvest began in the San Joaquin Valley. Broccoli, lettuce were harvested in coastal areas. Carrots were harvested in Fresno County. Fresh market tomato harvesting continued. Harvest of processing tomatoes in central, southern areas nearly completed. Sweet corn harvested in the Sacramento, San Joaquin valleys. Potatoes harvested in the Tulelake-Butte Valley area, in San Joaquin County. Green beans were harvested in Tulare County. Sweet potato harvesting continued in San Joaquin Valley. Cantaloupe, honeydew melon harvest was declining in the San Joaquin Valley. Pumpkins were harvested in the San Joaquin, Sacramento valleys. Seasonally normal rangeland conditions prevailed. At lower elevations where feed quality was poor, cattle weights dropping. Supplemental feeding continued. Rainfall needed for improvement of forage quality. Cattle were being rounded up at higher elevations. Sheep grazed alfalfa, melon fields. Fall calving was ongoing.

COLORADO: Days suitable for fieldwork 6.6. Topsoil 3% very short, 18% short, 77% adequate, 2% surplus. Subsoil 8% very short, 17% short, 71% adequate, 4% surplus. Winter wheat 3% poor, 24% fair, 59% good, 14% excellent. Sorghum 96% turning color, 95% 1995, 93% avg.; 2% very poor, 3% poor, 21% fair, 56% good, 18% excellent. Corn silage 92% harvested, 91% 1995, 94% avg. Dry beans 95% harvested, 74% 1995, 85% avg. Sugar beets 23% harvested, 18% 1995, 17% avg.; 1% very poor, 3% poor, 17% fair, 62% good, 17% excellent. Summer potatoes 96% harvested, 92% 1995, 95% avg. Fall potatoes 93% harvested, 79% 1995, 81% avg. Alfalfa hay 90% 3rd cutting, 84% 1995, 86% avg.; 42% 4th cutting, 24% 1995, 38% avg.; 1% very poor, 5% poor, 29% fair, 51% good, 14% excellent.

DELAWARE: Days suitable for fieldwork 4.5. Topsoil 4% short, 86% adequate, 10% surplus. Subsoil 4% short, 91% adequate, 5% surplus. Corn 91% mature, 100% 1995, 99% avg.; 54% harvested for grain, 84% 1995, 67% avg.; 92% harvested for silage, 100% 1995, 99% avg. Soybeans 1% poor, 26% fair, 64% good, 9% excellent; 73% turned, 94% 1995, 86% avg.; 56% shedding leaves, 85% 1995, 67% avg.; 15% harvested, 15% 1995, 13% avg. Sorghum 79% mature, 89% 1995, 77% avg.; 12% harvested, 29% 1995, 20% avg. Lima bean harvest nearly ended. Apples 89% harvested, 84% 1995, 80% avg. Alfalfa hay 79% 4th cutting, 73% 1995, 87% avg. Other hay 94% 3rd cutting, 100% 1995, 96% avg.; 84% 4th cutting, 18% 1995, 46% avg. Barley 40% planted, 35% 1995, 40% avg. Winter wheat 6% seeded, 9% 1995, 10% avg. Rye cover crop 30% planted. Hay supplies 2% very short, 13% short, 83% adequate, 2% surplus. Wet soils expected to slow small grain planting, haymaking may end. Corn, soybean yields looking good. Tropical storm brought significant moisture to State. Activities: Harvesting field crops, hay, planting small grain crops; most varieties of apples have been picked, late varieties available.

FLORIDA: Strong winds, some heavy rains occurred when Tropical Storm Josephine made landfall in the Big Bend area early in the week. Milder weather during the rest of the period allowed field work to get back on schedule. Topsoil mostly adequate to surplus

throughout the State. Peanut harvest 67% complete. Wet fields delaying peanut harvest. Tobacco markets scheduled to close this week. Corn for grain harvest virtually complete. Cotton harvest, haying active. Soybean growers starting harvest. Sugarcane mills making preparation to open. Vegetable fieldwork slowed as heavy rains fell in most areas early in the week. Strong winds reduced vegetable yield prospects due to bloom loss, fruit scarring. Drier weather during the rest of the period allowed vegetables to recover, fieldwork to get back on schedule. Major vegetables available: Sweet corn, tomatoes, okra, cucumbers, eggplant, peppers. Citrus groves are wet from heavy rains, lower temperatures most areas. Harvest increasing on early fruit. Several packing houses now open. Caretakers cutting cover crops, spraying, removing dead trees. Pasture feed fair 35%, good 50%, excellent 15%. Condition of pastures in north, central hurt by flooding. Also, cooler weather has slowed pasture growth, especially in northern counties. Cattle herds fair 10%, good 75%, excellent 15%.

GEORGIA: Days suitable for fieldwork 3.8. Soil moisture 2% short, 58% adequate, 40% surplus. Hay 1% very poor, 6% poor, 38% fair, 52% good, 3% excellent. Peanuts 3% very poor, 16% poor, 35% fair, 40% good, 6% excellent; 71% dug, 90% 1995, 87% avg. Rye 31% planted, 44% 1995, 33% avg. Sorghum 4% very poor, 7% poor, 36% fair, 49% good, 4% excellent; 48% harvested for grain, 68% 1995, 70% avg. Wheat 2% very poor, 3% poor, 20% fair, 75% good. Other small grains 16% planted, 22% 1995, 20% avg. Apples 2% poor, 1% fair, 97% good; 93% harvested, 85% 1995, 83% avg. Pecans 16% poor, 36% fair, 43% good, 5% excellent; 2% harvested, 7% 1995, 5% avg. Rains slowed fieldwork most of last week southern half of State. Sunshine, warmer temperatures, wind needed to dry fields, crops. Row crops steady to slightly lower. Pastures, hay down seasonally. Activities: Harvesting peanuts, cotton as conditions allowed. Over seeding pastures, preparing seedbeds for planting small grains, planting small grains, harvesting late hay, harvesting pecans, marketing tobacco.

HAWAII: Continued dry weather. Mandatory 10% water reductions major vegetable region of Kula, Maui. Water conservation also continued some farmers in major vegetable area Waimea, Hawaii. Papaya harvesting active; production to increase on Oahu. Banana production steady, good progress with warm weather. Head cabbage supplies moderate to heavy, quality varies. Sugarcane harvesting back on track on Kauai. Tomato production steady, good condition.

IDAHO: Days suitable for fieldwork 6.8. Topsoil 4% very short, 47% short, 47% adequate, 2% surplus. Potatoes harvested 80%, 72% 1995, 78% avg. Sugar beets harvested 17%, 29% 1995, 33% avg. Alfalfa hay harvested (3rd cutting) 92%, 94% 1995, 90% avg. Corn harvested for silage 90%, 91% 1995, 86% avg. Corn harvested for grain 10%, 8% 1995, 20% avg. Dry beans harvested 96%, 90% 1995, 93% avg. Onions harvested 95%, 87% 1995, 91% avg. Apples harvested 62%, 51% 1995, 58% avg. Pasture feed, range 33% poor, 43% fair, 22% good, 2% excellent. Irrigation water supply 1% poor, 10% fair, 56% good, 33% excellent. Activities: Plowing, fertilizing, seeding winter wheat, moving livestock down from the summer ranges, harvesting potatoes, sugar beets, apples, corn for silage, corn for grain.

ILLINOIS: Days suitable for fieldwork 5.8. Topsoil 4% very short, 33% short, 62% adequate, 1% surplus. Corn, soybean harvest progressed throughout the State last week but the pace was slowed by high moisture content in corn, late maturity of soybeans. A frost

in the northern districts on the night of 10th caused little crop damage. Wheat seeding had begun, delayed because of late soybean harvest.

INDIANA: Days suitable for fieldwork 5.7. Topsoil 2% very short, 13% short, 83% adequate, 2% surplus. Subsoil 3% very short, 20% short, 75% adequate, 2% surplus. Scattered showers early slowed harvest. By the week-end corn, soybean harvest was in full swing statewide. Moisture content of harvested corn 27%, soybeans 14%. Widespread frost occurred in the northern, central areas. Percent of corn mature by region: 86% north, 82% central, 88% south. Soybeans 73% mature, 97% 1995, 97% avg. Tobacco harvest nearing completion. Apple harvest continues. Hay supplies short, most areas. Activities: Harvesting seed corn, fall tillage, seeding winter wheat, equipment maintenance, cleaning grain bins, chopping stalks and care of livestock.

IOWA: Days suitable for fieldwork 7.0. Topsoil very short 4%, short 28%, adequate 67%, surplus 1%. Subsoil very short 5%, short 30%, adequate 64%, surplus 1%. Bean harvest progressed rapidly across the State. Corn harvest is slower as some producers wait for corn to dry down some before rolling the combines. Last week's dry winds provided perfect pre-harvest conditions. No problems were reported with livestock. Calves showing some weight declines due to a shortage of pasture. Dry weather has stalled fall regrowth. Grain storage availability off-farm 5% short, 83% adequate, 12% surplus; on-farm 2% short, 83% adequate, 15% surplus. Percent moisture of corn in the field 30%, harvested corn 25%. Soybeans lodging 59% none, 32% light, 9% moderate, 0% heavy; shattering 53% none, 40% light, 7% moderate, 0% heavy. Completion of 1997 row crop fall tillage 3%, 7% 1995, 7% avg.; fall fertilizer applied 3%, 5% 1995, 6% avg. Winter wheat planted 57%, 72% 1995, 68% avg.

KANSAS: Days suitable for fieldwork 4.4. Topsoil 3% short, 87% adequate, 10% surplus. Subsoil 1% very short, 6% short, 87% adequate, 6% surplus. Rain early in the week halted activities in many areas, fair weather later in the week allowed progress to be made on wheat seeding and fall harvest. Harvest of fall crops, especially milo, is progressing slowly in some cases where grain moisture is too high. A frost at this point would be beneficial, would halt growth, aid in the drying process. Seeding of wheat and harvest remain slightly behind average progress. Fall crops remain mostly in good to excellent condition. Activities: Seeding wheat, fall harvest.

KENTUCKY: Days suitable for fieldwork 4.9. Topsoil 7% short, 87% adequate, 6% surplus. Subsoil 8% short, 87% adequate, 5% surplus. Sunny skies, mild temperatures most of week. Activities harvesting corn, soybeans, seeding wheat, working tobacco. Burley tobacco 8% stripped, 15% 1995, 12% avg. Soybean harvest picking up, corn harvest over 1/2 complete. Corn yields mostly good. Pasture feed 2% very poor, 8% poor, 38% fair, 43% good, 9% excellent.

LOUISIANA: Days suitable for fieldwork 5.8. Soil moisture 11% short, 80% adequate, 9% surplus. Cotton farmers continued to express concern over lint quality. Hay 100% second cutting, 83% 1995, 92% avg. Hay producers took advantage of nearly ideal weather conditions to finish harvesting. Pecans 3% very poor, 10% poor, 38% fair, 45% good, 4% excellent; 6% harvested, 2% 1995, 6% avg. Soybeans 95% turning color, 98% 1995, 88% avg. Soybean harvest picked up as fields dried. Farmers reported above average yields. Sugarcane 7% poor, 27% fair, 54% good, 12% excellent; 83% planted, 100% 1995, 95% avg.; 3% harvested, 8% 1995, 8%

avg. Sugarcane planting remained slow due to wet conditions, but harvest got off to a good start. Sweet potatoes 5% poor, 39% fair, 49% good, 7% excellent; 69% harvested, 65% 1995, 66% avg. Wheat 9% planted, 9% 1995, 7% avg.; 4% emerged, 1% 1995, 1% avg. Livestock 5% poor, 27% fair, 62% good, 6% excellent. Crawfish producers were busy flooding and managing their ponds. Vegetables 11% poor, 46% fair, 42% good, 1% excellent. Vegetable producers were spraying cabbage to control insects. Pasture feed 3% poor, 29% fair, 62% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 4.6. Topsoil 1% short, 84% adequate, 15% surplus. Subsoil 88% adequate, 12% surplus. Corn 96% mature, 100% 1995, 95% avg.; 58% harvested for grain, 78% 1995, 58% avg.; 93% harvested for silage, 96% 1995, 90% avg. Soybeans 3% poor, 20% fair, 56% good, 21% excellent; 81% turning, 96% 1995, 91% avg.; 68% shedding leaves, 82% 1995, 74% avg. Sorghum 94% mature, 83% 1995, 85% avg.; 21% harvested, 48% 1995, 27% avg. Apples 57% harvested, 68% 1995, 71% avg. Alfalfa hay 36% 5th cutting, 10% 1995, 29% avg. Other hay 57% 4th cutting, 58% 1995, 45% avg. Hay supplies 8% short, 90% adequate, 2% surplus. Barley 53% planted, 63% 1995, 53% avg. Rye 29% planted, 49% 1995, 42% avg. Winter wheat 13% planted, 23% 1995, 18% avg. Tobacco stripped 4%, 4% 1995, 3% avg. Corn and soybeans yielding well; rain slowing small grain plantings, heavy rain from tropical storm coastal areas. Light frost in several locations. Harvesting pumpkins, field crops, apples; planting small grains.

MICHIGAN: Days suitable for fieldwork 4.5. Frost continues to plague the State with cooler temperatures prevailing. Rain was spotty throughout the State in the beginning of the week. Topsoil 1% very short, 10% short, 73% adequate, 16% surplus. Subsoil 3% very short, 24% short, 63% adequate, 10% surplus. Dry beans mature 99%, 100% 1995, 100% avg.; harvested 55%, 97% 1995, 90% avg.; 8% very poor, 16% poor, 32% fair, 34% good, 10% excellent. All hay 3rd cutting 95%, 100% 1995, 91% avg.; 4th cutting 38%, 58% 1995, 47% avg.; 4% very poor, 19% poor, 37% fair, 31% good, 9% excellent. Sugar beets harvested 2%, 12% 1995, 19% avg. Potatoes harvested 84%, 99% 1995, 87% avg. Pasture feed 3% very poor, 20% poor, 47% fair, 24% good, 6% excellent.

MINNESOTA: Days suitable for fieldwork 6.0. Topsoil 14% very short, 28% short, 57% adequate, 1% surplus. Corn 97% mature, 99% 1995, 80% avg.; 15% harvested, 34% 1995, 22% avg.; 97% silage cut, 89% 1995, 86% avg.; 29% moisture content, 24% 1995, 26% avg. Soybeans 99% shedding leaves, 99% 1995, 94% avg.; 99% mature, 98% 1995, 91% avg.; 81% harvested, 37% 1995, 53% avg.; 12% moisture content, 13% 1995, 13% avg. Dry beans 96% harvested, 71% 1995, 87% avg. Potatoes 91% harvested, 67% 1995, 82% avg. Stubble plowed 77%, 81% 1995, 80% avg. Flax 93% harvested, 98% 1995, 84% avg. Sugar beets 90% harvested, 36% 1995, 64% avg. Pasture feed 11% very poor, 27% poor, 36% fair, 25% good, 1% excellent. Corn 1% very poor, 6% poor, 32% fair, 53% good, 8% excellent. Soybeans 1% very poor, 7% poor, 30% fair, 52% good, 10% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.7. Soil moisture 4% very short, 23% short, 71% adequate, 2% surplus. Corn 96% harvested, 99% 1995, 89% avg. Soybeans 96% turning color, 97% 1995, 94% avg.; 83% shedding leaves, 87% 1995, 74% avg.; 53% harvested, 57% 1995, 35% avg.; 1% very poor, 6% poor, 29% fair, 54% good, 10% excellent. Wheat 36% planted, 25% 1995, 22% avg. Peanuts 91% harvested, 93% 1995, 93% avg.; pecans 5% harvested, 2%

1995, 7% avg.; 15% very poor, 17% poor, 28% fair, 38% good, 2% excellent. Sweet potatoes 70% harvested, 76% 1995, 70% avg.; 7% fair, 67% good, 26% excellent. Cattle 2% very poor, 5% poor, 26% fair, 59% good, 8% excellent. Pasture feed 2% very poor, 8% poor, 32% fair, 54% good, 4% excellent. Activities: Harvesting row crops. Farmers used excellent weather to finish planting winter grasses, make progress in harvesting.

MISSOURI: Days suitable for fieldwork 5.7. Topsoil 13% short, 82% adequate, 5% surplus. A week of pleasant, mostly dry weather enabled farmers to continue with row-crop harvesting, winter wheat seeding during the past week. As the remaining row-crops move toward full maturity, reporters across the State continue to rate conditions mostly good to fair, with the most favorable crop ratings found across the northwestern, north central, west central areas of State. Virtually all of corn crop has been harvested across southern portion of the State, followed by about 60% west central, 55% across the north central, central, east central districts. Ninety four percent of the soybean crop is turning color or beyond, 55% has reached maturity. The Bootheel, southwestern districts lead the State with nearly 75% of sorghum harvested; 1% very poor, 6% poor, 25% fair, 50% good, 18% excellent. Percent of ground worked at least once for next year's spring crops 7%, 2% 1995, 5% avg. Pasture feed, range 3% very poor, 14% poor, 34% fair, 44% good, 5% excellent.

MONTANA: Days suitable for fieldwork 6.7. Topsoil 14% very short, 49% short, 37% adequate. Subsoil 22% very short, 48% short, 30% adequate. Producers made good progress on winter wheat planting. Nice weather allowed row crop harvest to move ahead. Corn for silage 90% harvested, 97% 1995, 94% avg. Sugar beets 57% harvested, 42% 1995, 40% avg. Dry beans 100% harvested, 99% 1995, 93% avg. Potatoes 59% harvested, 46% 1995, 68% avg. Cattle, calves moved from summer ranges, 44%. Sheep, lambs moved from summer ranges, 51%.

NEBRASKA: Days suitable for fieldwork 6.5. Topsoil 3% very short, 16% short, 79% adequate, 2% surplus. Subsoil 8% short, 88% adequate, 4% surplus. Soybean harvest was in full swing last week with nearly two-thirds of the crop cut by week's end. Corn, sorghum harvest continued to be limited due to high grain moisture levels. Wheat seeding, dry bean harvest were nearing completion. Corn 97% mature, 99% 1995, 96% avg.; 13% harvested, 14% 1995, 30% avg.; dry weather last week continued to aid crop dry down, although most corn remained to wet for harvest. Soybeans 99% dropping leaves, 100% 1995, 100% avg.; 64% harvested, 43% 1995, 68% avg. Sorghum 84% mature, 97% 1995, 90% avg.; 8% harvested, 28% 1995, 34% avg. Dry beans 98% harvested, 90% 1995. Wheat 98% sown, 97% 1995, 99% avg.; 73% emerged, 83% 1995, 87% avg.; moisture supplies in most of the Panhandle, southwest have been adequate for establishment of the young crop. Pasture feed, range 2% poor, 17% fair, 61% good, 20% excellent; cattle doing well on pastures, with few being moved to stalks. Activities: Harvesting millet, sugar beets, potatoes.

NEVADA: Winter wheat, barley seeding well along. Alfalfa 3rd cutting nearly complete North, 4th cutting continues central, 5th cutting complete extreme south. Planting of new alfalfa stands were nearly complete. Sudan harvest continues extreme south. Potato harvest in full swing; crop condition good. Onion harvest in full swing; crop condition good to excellent. Garlic planting nearly complete. Pomegranates, pistachio nuts will both mature in about two weeks. Livestock mostly on fall pastures, some grazing sudan extreme south.

Pregnancy testing cows, weaning calves. Drought continues south, southeast. Main farm, ranch activities: Haying, potato digging, onion harvest, fall planting, moving livestock.

NEW ENGLAND: Days suitable for fieldwork 5.3. Topsoil 12% short, 81% adequate, 7% surplus. Subsoil 1% very short, 11% short, 85% adequate, 3% surplus. Pasture feed 7% poor, 50% fair, 42% good, 1% excellent. Maine potatoes 90% harvested, 95% 1995, 85% avg., condition good. Massachusetts potatoes 90% harvested, 95% 1995, 90% avg., condition good. Rhode Island potatoes 70% harvested, 100% 1995, 95% avg., condition excellent. Maine oats 100%, 99% harvested 1995, 95% avg., condition good. Maine barley 100%, 100% harvested 1995, condition good/excellent. Silage corn 70% harvested, 90% harvested 1995, 75% avg., condition good. Sweet corn 100% harvested, 99% 1995, 100% avg., condition good. Second hay 95% harvested, 100% 1995, 100% avg., condition good/fair. Third cut hay 80% harvested, 90% 1995, 85% avg., condition good/excellent. Apples 85% harvested, 90% 1995, 80% avg., size average, condition good. Pears 75% harvested, 99% harvested 1995, size average, condition good. Cranberries 60% harvested, 70% 1995, size average/above average, condition good/excellent. Highbush blueberries 100% harvested, 100% 1995, size average, condition good/excellent. Major farm activities: Harvesting corn silage, potatoes, apples, cranberries. Preparing fields for winter by harrowing, spreading manure.

NEW JERSEY: Days suitable for fieldwork 5. Topsoil mostly adequate. Apple, cranberry harvest continues. Harvest of soybeans are 25% complete. Corn for silage is about 75% through harvest while corn for grain harvest continues with 40% completed. Pasture feed good condition.

NEW MEXICO: Days suitable for fieldwork 6.8. Soil 8% very short, 43% short, 44% adequate, 5% surplus. Winter wheat planting 95% complete, condition reported as 3% poor, 32% fair, 64% good, 1% excellent. Corn 1% poor, 21% fair, 67% good, 11% excellent. Harvest completion for grain 43%, silage 90%. Cotton 5% poor, 29% fair, 49% good, 17% excellent; cotton bolls opening 95%, 91% 1995, 93% avg. Sorghum 44% poor, 22% fair, 34% good; coloring 79%, 88% 1995, 95% avg.; mature 36%. Alfalfa 3% very poor, 3% poor, 27% fair, 58% good, 9% excellent; 5th cutting 90% complete. Chile 1% poor, 5% fair, 86% good, 8% excellent; green chile harvest 97% complete, red is 29% complete. Lettuce 73% good, 27% excellent; harvest 13% complete. Pecan 1% poor, 13% fair, 77% good, 9% excellent. Cattle 1% very poor, 2% poor, 33% fair, 56% good, 8% excellent; sheep 6% very poor, 5% poor, 33% fair, 48% good, 8% excellent. Range, pasture feed 7% very poor, 8% poor, 32% fair, 45% good, 8% excellent.

NEW YORK: Days suitable for fieldwork 4.2. Soil moisture 43% adequate, 57% surplus. Pasture feed 46% fair, 54% good. Corn good. Silage 79% harvested, 93% 1995, 70% avg. Grain corn 14% harvested, 26% 1995, 11% avg. Dry beans 40% harvested. Potato digging continued. Apple harvest in full swing. Concord grape harvest slowed as growers wait for vineyards to ripen. Wine grape harvest continued. Vegetable harvest near end. Only cold weather crops remain. Onion digging progressed on schedule.

NORTH CAROLINA: Continuing wet weather kept farmers out of the fields for part of the week, fair progress was made in planting small grains, harvesting corn, digging peanuts. Soil moisture 32% adequate, 68% surplus. Days suitable for fieldwork 3.4. Oats planted

22%, 26% 1995, 31% avg.; barley planted 32%, 24% 1995, 32% avg.; rye planted 33%, 29% 1995, 35% avg.; sorghum harvested 60% 39% 1995, 56% avg.; burley tobacco harvested 97%, 99% 1995, 98% avg.; sweet potatoes harvested 35%, 43% 1995, 51% avg.; hay 3rd cutting 70%, 64% 1995, 69% avg.; apples harvested 81%, 85% 1995, 82% avg. Crop conditions: Sweet potatoes 7% very poor, 14% poor, 53% fair, 26% good; sorghum 6% very poor, 6% poor, 39% fair, 48% good, 1% excellent. Activities included: Planting small grains; defoliating, harvesting cotton; marketing flue-cured tobacco; harvesting burley tobacco; harvesting corn, soybeans, peanuts, sorghum, apples, sweet potatoes; cutting and baling hay; maintaining pastures; tending livestock; repairing equipment and general farm maintenance.

NORTH DAKOTA: Days suitable for fieldwork 7. Warm, dry week allowed farmers to make good progress on the harvest of late season crops. Other activities included fall tillage, applying anhydrous, weaning calves, hauling hay. Topsoil 2% very short, 21% short, 75% adequate, 2% surplus. Subsoil 7% very short, 28% short, 63% adequate, 2% surplus. Late season crop development: Canola 96% harvested; corn for grain 10% harvested; 31% 1995; 33% avg.; corn for silage 97% chopped; 94% 1995; 94% avg.; dry edible beans 95% harvested; 91% 1995; 86% avg.; flaxseed 90% harvested; 92% 1995; 90% avg.; potatoes 88% dug; 88% 1995; 93% avg.; soybeans 76% harvested; 60% 1995; 73% avg.; sugar beets 88% lifted; 39% 1995; 70% avg.; sunflowers 18% harvested; 32% 1995, 28% avg.

OHIO: Rain middle of week slowed fieldwork, primarily soybean harvest, winter wheat seeding, not many acres of soybeans ripe, awaiting harvest. Dry weekend helped crops mature, allowed widespread fieldwork. Days suitable for fieldwork 4.8. Topsoil 7% short, 82% adequate, 11% surplus. Alfalfa hay 4th cutting 75%. Other hay 4th cutting 70%. Processing tomato harvest advanced to 98%; 100% 1995. Apple harvest progressed to 75% complete. Grapes harvested 91%. Potatoes dug 72% complete. Harvest continues tobacco, pumpkins. Livestock 4% poor, 25% fair, 60% good, 11% excellent. Winter wheat seedings delayed by later soybean harvest.

OKLAHOMA: Days suitable for fieldwork 5.5. Topsoil 6% short, 92% adequate, 2% surplus. Subsoil 5% short, 93% adequate, 2% surplus. Oats 51% planted, 49% 1995, 48% avg.; 5% up-to-stand, 13% 1995, 25% avg.; corn 90% mature, 93% 1995, 98% avg.; 79% harvested, 67% 1995, 89% avg.; soybeans 78% mature, 59% 1995, 66% avg.; 38% harvested, 33% 1995, 30% avg.; peanuts 71% mature, 68% 1995, 74% avg.; 16% combined, 10% 1995, NA avg.; alfalfa 2% very poor, 3% poor, 25% fair, 59% good, 11% excellent; 94% 4th cutting, 92% 1995, 94% avg.; 32% 5th cutting, 34% 1995, 48% avg.; Livestock 1% poor, 15% fair, 74% good, 10% excellent. Feeder steers and heifers were steady to slightly higher.

OREGON: Days suitable for fieldwork 6.6. Topsoil 15% very short, 34% short, 51% adequate. Subsoil 15% very short, 35% short, 50% adequate. Barley planted 26%, 21% 1995, 35% avg. Activities: Fall small grain field preparation, seeding continued statewide, with some reseeding in eastern sections. Spring small grain harvest completed. Field corn silage harvest nearing completion, Willamette Valley. Mint harvest about done, central sections. Fall nursery, greenhouse planting, digging, container movement in full swing. Commercial Easter lily bulb harvest, shipping of bulbs winding down, southern coast. Christmas tree growers marking trees for harvest. Potato, sugar beet harvest underway statewide. Willamette valley: Sweet corn, table beets, squash, cole crops, pumpkin harvest continued;

caneberry pruning, training continued; some fall raspberries, strawberries being harvested. Hazelnut drop continued; southwestern grape harvest underway. Cranberry harvest underway southern coast, apple harvest continued, statewide. Pear harvest continued, Hood River, Rogue River valleys. Cattle, sheep continued good-excellent. Cattle weaning, sales continued. Eastern ranges dry, still some forage. Western pastures started fall regrowth.

PENNSYLVANIA: Days suitable for fieldwork 4.1. Soil moisture 2% short, 69% adequate, 29% surplus. Snow flurries in some northern counties. Corn harvest active. Most of it harvested for high moisture at this point. Yields were good. Potato harvest continued to be difficult due to wet soils. Less feed on pastures and some supplemental feeding was taking place. Ensilage corn harvest 71% complete, 89% 1995, 78% avg. Soybean harvest 5% complete, 17% 1995, 14% avg. Soybean 2% poor, 14% fair, 54% good, 30% excellent. Potato harvest 72% complete, 69% 1995, 80% avg. Fall plowing 61% complete, 58% 1995, 70% avg. Wheat planted 54% complete, 45% 1995, 64% avg.; emerged 30% complete. Barley planted 75% complete, 72% 1995, 81% avg.; emerged 50% complete. Alfalfa 3rd cutting 94% complete, 87% 1995, 91% avg.; 4th cutting 65% complete, 48% 1995, 62% avg. Quality of hay made 6% very poor, 22% poor, 32% fair, 33% good, 7% excellent. Grape harvest 83% complete, 69% 1995, 75% avg. Apple harvest 73% complete, 73% 1995, 73% avg. Activities: Making hay and haylage; harvesting corn, corn silage and potatoes; seeding barley, wheat and alfalfa; fixing fences; hauling manure; caring for livestock.

SOUTH CAROLINA: Soil moisture 2% short, 83% adequate, 15% surplus. Days suitable for fieldwork 4.8. Corn 98% harvested, 97% 1995, 96% avg.; 3% very poor, 20% poor, 32% fair, 41% good, 4% excellent. Sorghum 73% harvested, 55% 1995, 57% avg.; 1% poor, 41% fair, 53% good, 5% excellent. Sweet potatoes 39% harvested, 29% 1995, 47% avg.; 11% poor, 42% fair, 47% good. Tobacco 81% stalks destroyed, 93% 1995, 89% avg. Apples 83% harvested, 74% 1995, 83% avg.; 25% very poor, 30% poor, 25% fair, 20% good. Small grains planting ahead of normal; fair to good condition.

SOUTH DAKOTA: Days suitable for fieldwork 6.2. Topsoil 7% short, 91% adequate, 2% surplus. Subsoil 10% short, 86% adequate, 4% surplus. Warm, dry weather allowed a large increase in soybean harvest; however, corn harvest was still being hampered by high moisture grain. Winter wheat planting was nearing completion after weather delay. Some areas report some intended winter wheat acreage will not get planted due to late planting dates. Corn silage harvested 92%, 81% 1995, 85% avg. Sorghum silage harvested 75%, 70% 1995, 76% avg. Sorghum 4% poor, 26% fair, 57% good, 13% excellent. Soybeans 97% mature, 87% 1995, 89% avg. Sunflowers 97% mature, 91% 1995, 90% avg.; 26% harvested, 18% 1995, 35% avg.; 2% very poor, 4% poor, 26% fair, 51% good, 17% excellent. Winter rye 91% planted, 100% 1995, 99% avg.; 75% emerged, 89% 1995, 89% avg. Producers starting to wean calves; however, low prices were a major concern with more operators backrounding to try and make ends meet. Feed supplies 2% short, 86% adequate, 12% surplus. Livestock 7% fair, 74% good, 19% excellent. Stock water supplies 3% short, 87% adequate, 10% surplus.

TENNESSEE: Weather was good for farmers to continue harvesting corn, cotton at an above average pace. Sorghum progress has fallen behind due to farmers concentrating on the corn crop. Soybeans are only slightly behind because harvest is just beginning on early planted beans, while later plantings are beginning

to shed leaves. Days suitable for fieldwork 6.0. Topsoil 10% short, 86% adequate, 4% surplus. Subsoil 9% short, 88% adequate, 3% surplus. Corn 89% grain harvested, 93% 1995, 76% avg. Tobacco 21% burley stripped, 23% 1995, 20%. Sorghum 98% mature, 100% 1995, 99% avg.; 61% harvested, 89% 1995, 81% avg. Wheat 26% seeded, 25% 1995, 24% avg. Pasture feed 2% poor, 21% fair, 65% good, 12% excellent.

TEXAS: Mild, open conditions most areas allowed agricultural activities progress without much delay. Small grain seeding continued many areas while harvest operations cotton, sorghum also progressed. Rainfall activity scattered, light most cases. An isolated hail storm caused some damage High Plains. Armyworm activity slowed because cooler nights, however spraying continued some pastures. Damage already been severe few areas. Stocker cattle continued arrive, were being processed for wheat pastures in Plains. Haying activity remained active. A few areas state could now use additional moisture.

Crops: Small grains: Emerged fields continued look good most areas as seeding progressed with open conditions. Armyworm damage evident many fields with treatment occurring. A few stockers placed on early fields in Plains with many more expected. Corn: Harvest winding down many High Plains fields during week with open weather. Yields remained excellent. Grain sorghum: Harvest increased many fields in Plains. Some later fields continue need warmer days to mature. Harvest winding down Cross Timbers. Cotton: Defoliation activity increased during week, harvest beginning to pick up Plains. Cooler nights slowed maturity, however return to warmer days has helped. A few later fields harvested central areas. Stalk destruction continued South. Peanut: Harvest continued progress in Plains where yields have been good. Insect pressures increasing south central areas where harvest increasing. Soybean: Harvest continued in High Plains, early yields have been good. Harvest winding down along Upper Coast. A few fields lost from recent heavy rains. Stink bugs also caused some damage. Harvest north central areas also winding down.

Commercial Vegetables: Rio Grande Valley: There has been an increase disease some melon fields. Spraying occurred. Harvest early oranges, grapefruit increased. San Antonio- Winter Garden: Fall watermelons continued make good progress. East: Sweet potato harvest slowing with later yields down from earlier yields. Cool season crops making good progress. High Plains: Bell pepper harvest continued. Chilies maturing. Pumpkin harvest winding down. Trans-Pecos: Bell pepper harvest continued. Pecan: Harvest getting underway many areas during week. Shuck split also increasing. Early yields have been fair, however overall outlook remained variable. Insect problems continued some areas.

Range and Livestock: Cool nights slowed pasture growth during week, however warm days helped offset this situation some. Haying remained active. Supplemental feeding increased as dry conditions have returned some areas. Producers seeding winter pastures as conditions allowed. Additional stocker cattle received, being processed in High Plains to be turned in on wheat pastures. Livestock condition in general good.

UTAH: Days suitable for fieldwork 6.7. Topsoil 24% very short, 48% short, 28% adequate. Subsoil 25% very short, 45% short, 23% adequate, 7% surplus. Winter wheat seeded 98%, 93% 1995, 90% avg.; emerged 78%, 55% 1995, 56% avg. Corn dent stage 98%, 76% 1995; maturity 82%, 51% 1995, 78% avg.; harvested for grain 28%, 4% 1995, 27% avg.; harvested for silage 94%, 77% 1995, 87% avg. Onions harvested 90%, 81% 1995, 86% avg. Potatoes harvested 94%, 58% 1995, 74% avg. Alfalfa hay 4th cutting 69%, 69% 1995, 77% avg.; seed harvested 59%, 60% 1995, 87% avg.

Apples picked 54%, 74% 1995, 72% avg. Range, pasture feed 11% very poor, 30% poor, 42% fair, 17% good. Cattle moved from summer range 79%, 61% 1995, 75% avg. Sheep moved from summer range 76%, 63% 1995, 79% avg. Major activities: Harvesting onions, apples, alfalfa, corn for grain, corn for silage, fall tillage, planting winter grains, moving livestock.

VIRGINIA: Days suitable for fieldwork 3.2. Topsoil 47% adequate, 53% surplus. Subsoil 55% adequate, 45% surplus. Corn 97% mature, 1995 100%, 100% avg.; 55% corn for grain harvested, 1995 74%, 71% avg.; 92% corn silage harvested, 1995 98%, 94% avg. Cotton 11% harvested, 1995 32%, 22% avg. Soybeans 5% harvested, 1995 12%, 11% avg.; 2% poor, 14% fair, 64% good, 20% excellent. Peanuts 75% dug, 1995 82%, 72% avg.; 50% combined, 1995 64%, 56% avg. Flue cured tobacco 95% harvested, 98% 1995, 97% avg. Burley tobacco 99% harvested, 100% 1995, 100% avg. Livestock 10% fair, 76% good, 14% excellent. Pasture feed 10% fair, 75% good, 15% excellent. Fall apples 75% harvested, 58% 1995. Winter apples 35% harvested. Barley 35% seeded, 29% 1995, 39% avg. Oats 35% seeded, 35% 1995, 51% avg. Winter wheat 10% seeded, 1995 16%, 17% avg. Activities: Heavy rain early week pushed topsoil moisture supplies to surplus level in more than fifty percent of localities. Wet field conditions delayed small grain seeding, harvesting of corn silage, corn for grain, cotton, hay cutting, baling. Hard freeze virtually stopped most grass growth western Virginia. Burley, flue harvest winding down. Livestock producers busy with calf weaning, cattle marketing.

WASHINGTON: Days suitable for fieldwork 6.2. Topsoil 30% short, 69% adequate, 1% surplus; subsoil 26% short, 74% adequate. Winter wheat, dryland 8% poor, 48% fair, 43% good, 1% excellent; irrigated, 100% good. Seeding of winter wheat continued, but dry seed bed conditions persisted. Some areas in Whitman County had to be reseeded due to poor emergence, heavy pressure from cheat grass. Corn grain 8% harvested, 1% 1995, 13% avg. Corn grain 100% good. Potatoes 78% harvested, 69% 1995, 68% avg.; 5% fair, 95% good. Dry beans 95% harvested, 76% 1995, 85% avg.; 100% good. Buckwheat swathing in progress. Hay, other roughage supplies, 8% short, 80% adequate, 12% surplus. Range, pasture feed, 4% poor, 35% fair, 60% good, 1% excellent. Alfalfa 3rd cutting 100%, 100% 1995, 100% avg. Corn silage 84% harvested, 77% 1995, 81% avg. Red Delicious and Granny Smith apple harvests were in full swing. Fuji harvest is expected to begin next week. Cranberries were nearly ready for harvest; good yields are anticipated. Sweet corn, carrots, and onion harvests also continued. U-pick pumpkin operations were doing a brisk business.

WEST VIRGINIA: Days suitable for fieldwork 4.1. Topsoil moisture 87% adequate, 13% surplus. Reports of frost again last week. Some producers reported frost damage to corn crop that had not matured. Where corn was mature, frost, dry open conditions helped dry down corn preparing it for harvest. Winter wheat 44% planted, 31% 1995, 26% avg. Open weather conditions allowed for producers to make good progress planting wheat. Hay 2nd cutting 98%, 100% 1995, 98% avg.; 3rd cutting 62%, 87% 1995, 94% avg. Corn 3% very poor, 1% poor, 11% fair, 78% good, 7% excellent; 84% mature stage, 98% 1995, 98% avg.; 14% harvested for grain, 70% 1995, 61% avg. Silage chopping active, but some producers still waiting for corn to dry down more before harvesting for silage. Soybeans 1% very poor, 3% poor, 22% fair, 67% good, 7% excellent; 97% dropping leaves, 98% 1995; 0% harvested, 14% 1995. Tobacco 98% harvested, 99% 1995, 99% avg. Cattle 14% fair, 79% good, 7% excellent. Sheep 9% fair, 88% good, 3% excellent. Some pastures were clipped and temporary fences for fall pastures were being put

up. Activities: Cutting and baling hay; harvesting apples, corn for grain and tobacco; chopping silage; seeding wheat; marketing feeder calves and yearlings, working livestock and repairing fences.

WISCONSIN: Days suitable for fieldwork 6.5. Soil moisture 17% very short, 47% short, 36% adequate. Variation in crop maturity still remains after it froze last week. Warm, sunny weather conditions are helping the crops dry for harvest. Grain harvest in most areas is on hold, pending more time for drying in the field. Corn silo filling was finishing in some areas, with 70% complete statewide. Fall tillage was at 15% complete, compared to 22% last year. Soybean acreage had 85% shedding leaves, compared to 100% 1995, 89% avg. Soybean combining jumped to 33% of the acreage harvested, compared to 30% 1995, 28% avg. One reporter from Iowa County reported soybeans were staying at average yields and good test weights. Two reports from the West Central district noted yields averaging around 40 bushels per acre. Soybean 4% very poor, 11% poor, 33% fair, 46% good, 6% excellent. Winter wheat was reported up and in good shape in Fond du Lac County. A reporter in Dane County stated winter wheat is about half planted, so far. Some comments were made on the dry weather slowing the development of wheat. Many apple orchards are open for business, statewide. Cranberry harvest is progressing well in Wood and Jackson Counties with varied yields. Pasture feed 6% very poor, 32% poor, 44% fair, 18% good.

WYOMING: Days suitable for fieldwork 6.9. Topsoil 16% very short, 45% short, 39% adequate or surplus. Corn for grain 4% poor, 14% fair, 26% good, 56% excellent; 43% harvested, 25% 1995, 28% avg. Sugar beets 1% poor, 5% fair, 90% good, 4% excellent; 46% harvested, 37% 1995, 39% avg. Alfalfa 3rd cutting 96% harvested, 82% 1995, 82% avg. Winter wheat seeding for 1997 harvest 3% poor, 11% fair, 86% good; 96% emerged, 89% 1995, 88% avg. Range, pasture feed 3% very poor, 28% poor, 30% fair, 39% good. Livestock moved from summer pastures: cattle 62%, 64% 1995, 74% avg. sheep 67%, 71% 1995, 77% avg.

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International Weather and Crop Summary

October 6 - 12, 1996

HIGHLIGHTS

FSU WESTERN: Dry weather aided summer crop harvesting and winter grain planting.

FSU-NEW LANDS: Warm, mostly dry weather improved conditions for spring grain harvesting.

EUROPE: Dry weather dominated western and northeastern Europe, favoring summer harvests and winter grain planting.

AUSTRALIA: Rain in Queensland and New South Wales slowed winter grain harvesting but increased moisture for cotton and sorghum establishment.

CANADA: Warmer, drier weather favored Prairie grain and oilseed harvesting.

SOUTH ASIA: Seasonable dryness in northern cotton and rice areas brought flood relief and fostered improving dry down conditions.

SOUTHEAST ASIA: Seasonal showers favored rice across Java, as scattered heavy showers slowed rice harvesting in portions of the Philippines and Indochina.

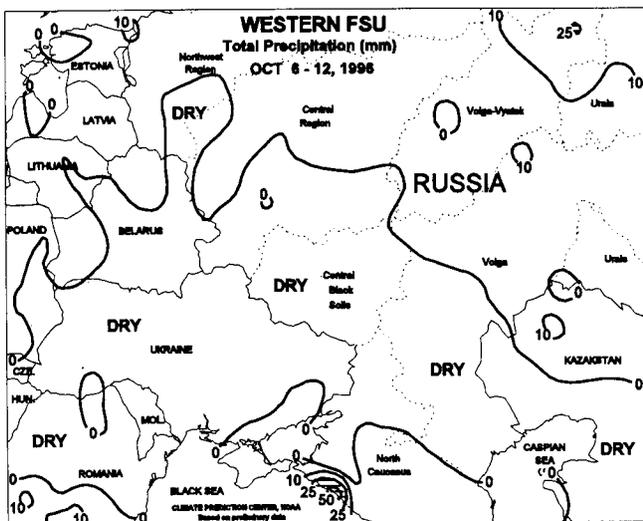
EASTERN ASIA: Drier weather aided winter wheat planting and summer crop harvesting across Manchuria and the North China Plain. Rain slowed rice harvesting across Japan and the Korean Peninsula.

SOUTH AMERICA: Rain benefited reproductive winter wheat in Argentina and summer crop planting across the region.

MEXICO: Seasonal showers started to diminish across northern and central Mexico, as early corn harvesting began.

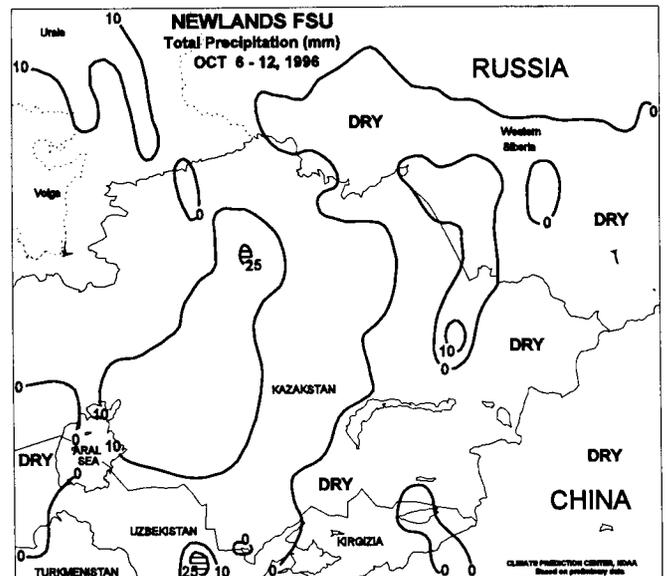
FSU-WESTERN

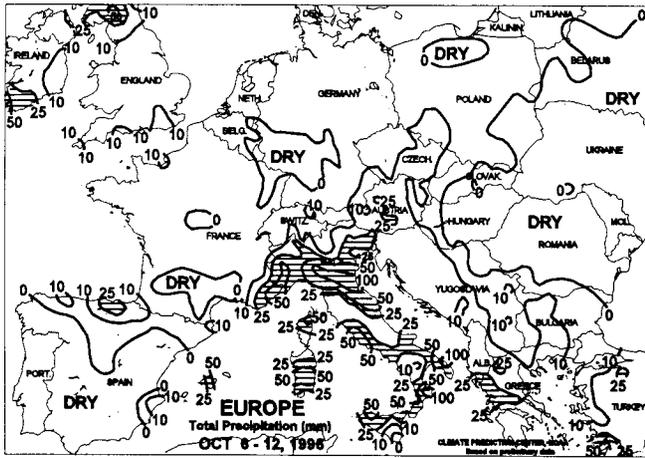
In Ukraine and most of western Russia, dry weather aided corn, sunflower, and sugar beet harvesting and late winter grain planting. The only significant precipitation (5-50 mm) was in North Caucasus along the Black Sea. In northern Russia, warm weather (temperatures 2-4 degrees C above normal) favored winter grain development.



FSU-NEWLANDS

In Russia and most of Kazakstan, unseasonably warm, dry weather favored spring grain harvesting. The harvest is running about 2 weeks behind normal in Russia due to excessive wetness in September. Spring grain harvesting is nearing completion in Kazakstan. Temperatures averaged 3 to 6 degrees C above normal across most of the region. In cotton growing areas of Central Asia, unusually warm and generally dry weather helped early harvesting.

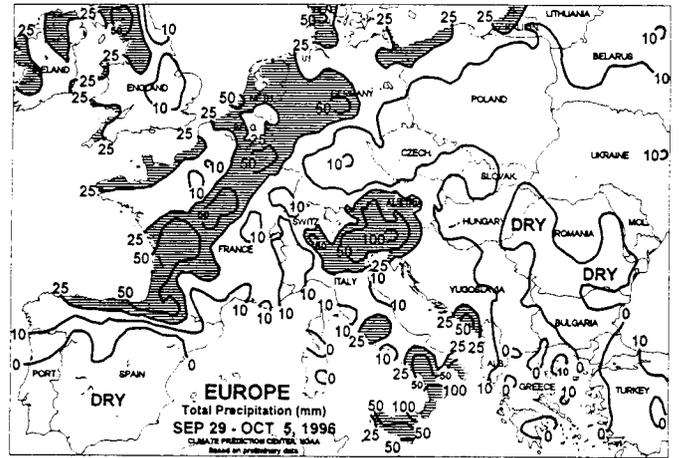




CORRECTION TO THE MAP PUBLISHED IN LAST WEEK'S ISSUE

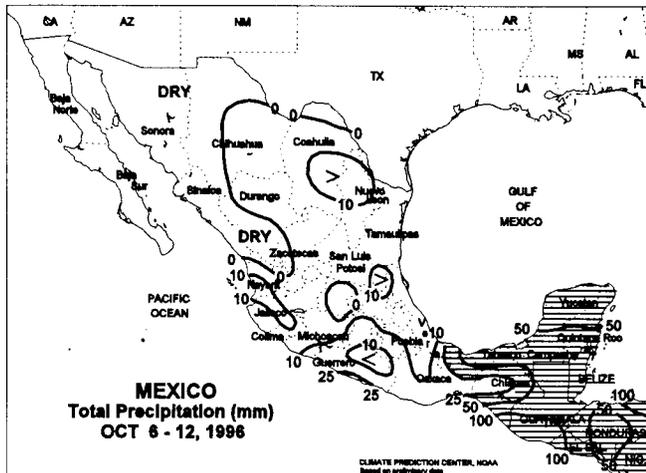
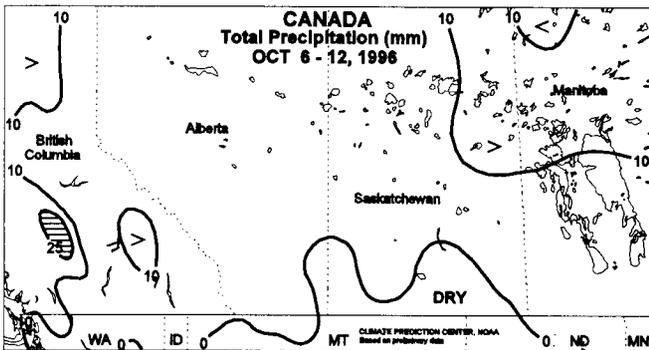
EUROPE

Mostly dry weather prevailed across a broad area of western and northeastern Europe, favoring corn, sunflower, and sugar beet harvesting. Winter wheat planting was also underway in these areas, where wet weather in recent weeks provided adequate to abundant moisture reserves for germination. Showery weather persisted, however, over south-central Europe, slowing corn harvesting. The heaviest rain (10-25 mm or greater, exceeding 50-100 mm locally) was concentrated over Italy with generally lighter amounts stretching from Austria southeastward to Greece. Temperatures averaged 2 to 4 degrees C below normal over southwestern Europe (Iberian Peninsula and southwestern France) but generally near to above normal elsewhere.



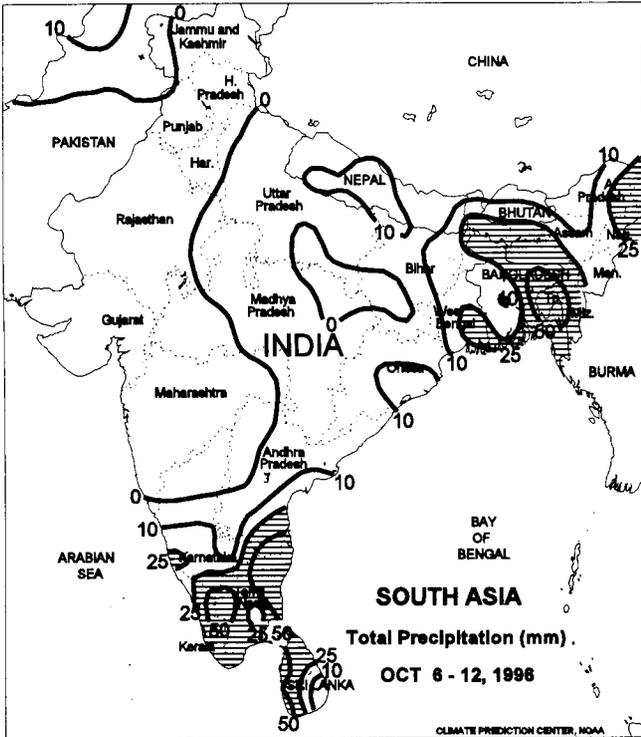
CANADA

Mostly dry, warmer-than-normal weather (temperatures averaging 2-4 degrees) across the Prairies favored late spring grain and oilseed harvesting. In Ontario and Quebec, cool weather, accompanied by scattered, light showers (1-18 mm), dominated the main crop areas. Corn and soybean harvesting and winter wheat planting typically lasts into November.



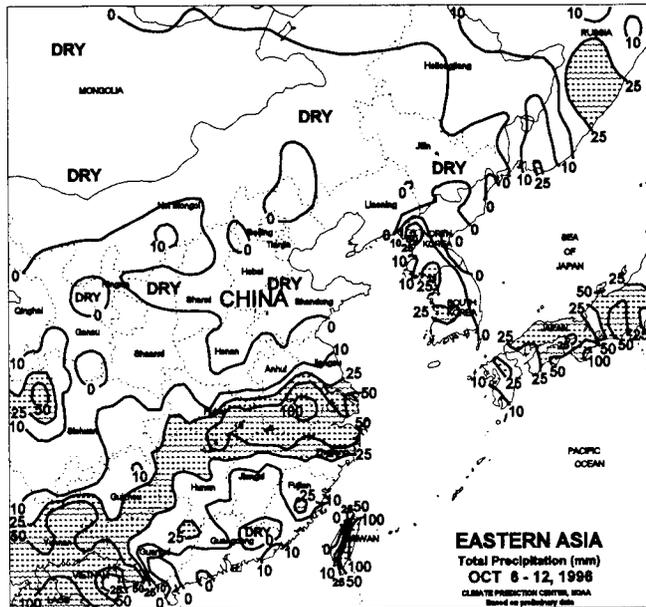
MEXICO

Seasonal showers began to diminish across northern and central Mexico. Light to moderate showers (5-20 mm) fell across northeastern Mexico, favoring pastures. Dry weather favored corn harvesting across the main corn belt, except in the southern fringe, where 5 to 25 mm of rain slowed fieldwork. Tropical activity brought widespread showers (30-80 mm) to the Yucatan Peninsula, aiding reproductive to filling corn. Temperatures averaged 1 to 4 degrees C below normal across north-central and central Mexico and 2 to 5 degrees C above normal across the northwest.



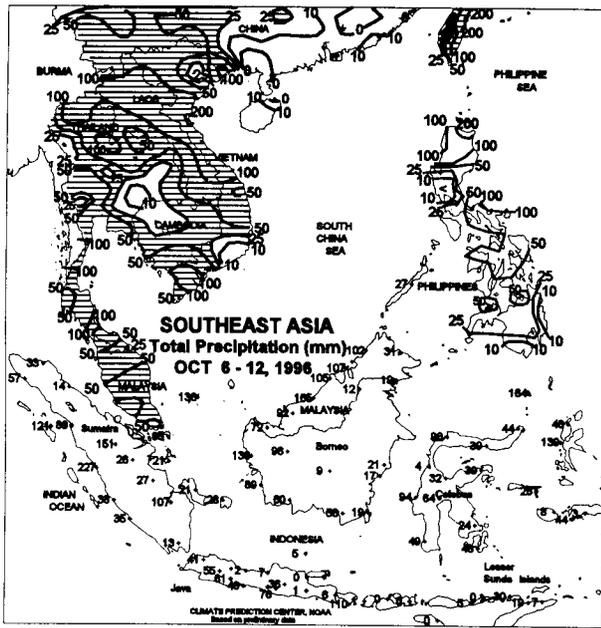
SOUTH ASIA

Dry weather dominated the main crop areas. Scattered showers (10-50 mm or more) were confined to India's southern tip and local areas of the eastern rice belt, typical of the retreating southwest monsoon. Across the north, after last week's unusually late, heavy rain, the dryness was vital in major cotton and rice areas for flood abatement and crop quality improvement. Over the next few months, grain, oilseed, and cotton harvesting will become widespread. Winter wheat and rapeseed planting, typically lasting from October through December, should be underway with adequate to abundant moisture reserves.



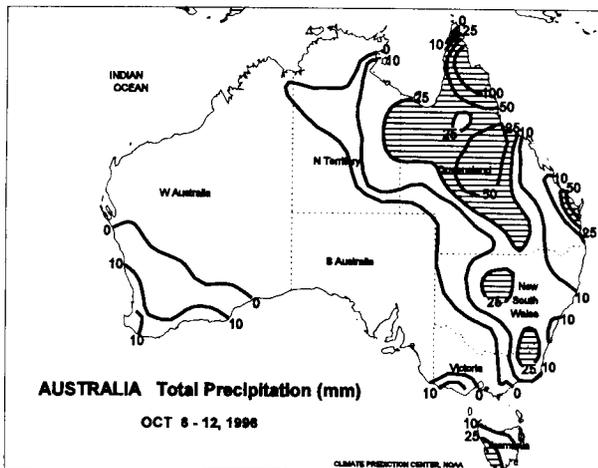
EASTERN ASIA

Dry weather aided summer crop harvesting and winter wheat planting across Manchuria and the North China Plain. Topsoil moisture is favorable for winter wheat germination due to previous rainfall. A slow-moving cold front produced moderate to heavy rain (25-75 mm) and cool weather (1-3 degrees C below normal) across the Yangtze Valley, slowing late-double crop rice harvesting. Drier weather prevailed in southeastern China, aiding rice maturation and harvesting. Moderate rain (20-50 mm) slowed rice harvesting across the Korean Peninsula and Japan, as temperatures averaged near normal.



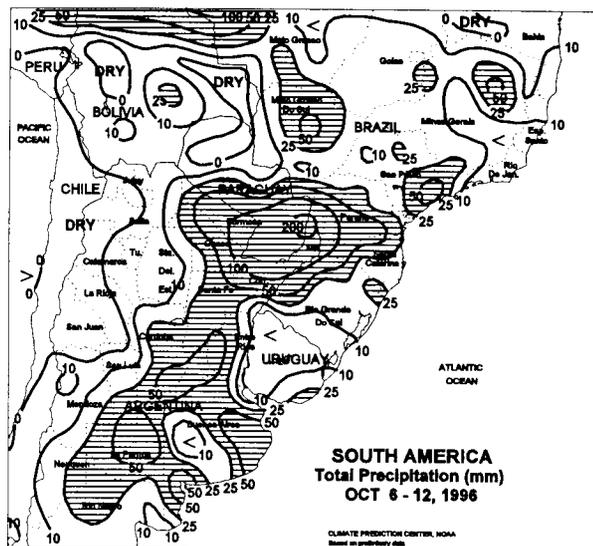
SOUTHEAST ASIA

In Java, seasonal showers (25-70 mm) boosted irrigation supplies for filling second-season rice and upcoming main-season rice planting. Across the Philippines, a weak tropical depression, which later developed into Tropical Storm Abel, brought moderate to heavy showers (50-150 mm, with isolated amounts greater than 250 mm) to Luzon and the east-central Islands, slowing main-season rice harvesting. Heavy seasonal showers (60-200 mm) fell across north-central Vietnam, slowing 10th-month rice harvesting. Drier weather (10-30 mm) eased wetness across eastern Thailand, but heavier showers (50-100 mm) fell across northern Thailand. Showers (30-80 mm) continued to favor oil palm across peninsular Malaysia.



AUSTRALIA

Widespread showers (5-25 mm, exceeding 50 mm locally) continued throughout the major crop areas of Queensland and New South Wales, slowing northern winter barley and wheat harvests. Generally seasonable temperatures accompanied the rain, promoting cotton and sorghum establishment. Unseasonable wetness (50-100 mm or more) over the Cape York Peninsula reached Queensland's northern sugarcane areas. Elsewhere, rainfall was light (5 mm or less, with many locations receiving no rain) in most western and southeastern winter grain areas, where moisture reserves should be adequate for filling winter grains. In New Zealand, rainfall was variable in the main pasture areas, with heavy showers (50-100 mm) reported in central North Island.



SOUTH AMERICA

In Argentina, timely rain (30-75 mm) fell across southern Santa Fe, southern Cordoba, La Pampa, and northern Buenos Aires, greatly boosting topsoil moisture for corn and sunflower planting. The rain also favored reproductive to filling winter wheat in that region. Farther south in southern Buenos Aires, scattered moderate rain (5-60 mm) aided heading winter wheat. Moderate to heavy rain (40-110 mm) increased soil moisture for cotton planting in northern Argentina, but drier weather is needed for fieldwork. As of October 4, reports indicated that about 5 percent of sunflowers and 20 percent of corn have been planted. In southern Brazil, moderate to heavy showers (30-80 mm, with isolated amounts greater than 200 mm) fell in Parana, northwestern Rio Grande do Sul, and southern Paraguay, boosting soil moisture for summer crop planting, but slowing fieldwork. Drier weather is needed, especially in southern Paraguay. Elsewhere in southern Brazil, light to scattered moderate rain (10-40 mm) increased soil moisture for summer crops. Temperatures averaged 1 to 3 degrees C above normal.

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(Continued from page 13)

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	7	4	16	56	17
AZ	1	4	37	47	11
AR	0	2	35	50	13
CA	0	0	0	70	30
GA	2	9	33	44	12
LA	1	18	37	38	6
MS	2	6	27	53	12
MO	0	10	28	57	5
NM	0	5	29	49	17
NC	1	3	45	46	5
OK	1	25	38	32	4
SC	0	2	25	63	10
TN	0	2	16	66	16
TX	4	16	31	31	18
ALL	2	10	29	44	15
Prev Wk	2	12	29	44	13
Prev Yr	4	18	44	30	4

U.S. Crop Production Highlights

The following information was released by USDA's Agricultural Statistics Board on October 11, 1996. Forecasts refer to October 1.

Corn production is forecast at 9.01 billion bushels, 2 percent (%) above the September 1 forecast and up 22% from 1995. Yields are expected to average 123.0 bushels per acre, up 2.8 bushels from last month and 9.5 bushels from 1995. Acreage harvested and to be harvested for grain is forecast at 73.3 million acres, unchanged from last month.

Soybean production is forecast at 2.35 billion bushels, 3% above the September forecast and 8% above the revised 1995 production. The yield forecast is 37.0 bushels per acre, 1.2 bushels above September 1 and up 1.7 bushels from the revised 1995 yield. (The 1995 acreage was revised to 61.6 million acres, yield to 35.3 bushels per acre, and the production to 2.18 billion bushels.)

All **cotton** production is forecast at 18.2 million bales, up 2% from last month and last year. Yield is indicated at 673 pounds per acre, up 136 pounds from 1995.

All **orange** production for the 1996-97 season is forecast at a record-large 12.4 million tons, up 6% from a year ago. This year's crop is expected to be 5% larger than the previous record of 11.8 million tons set in the 1979-80 season.

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