

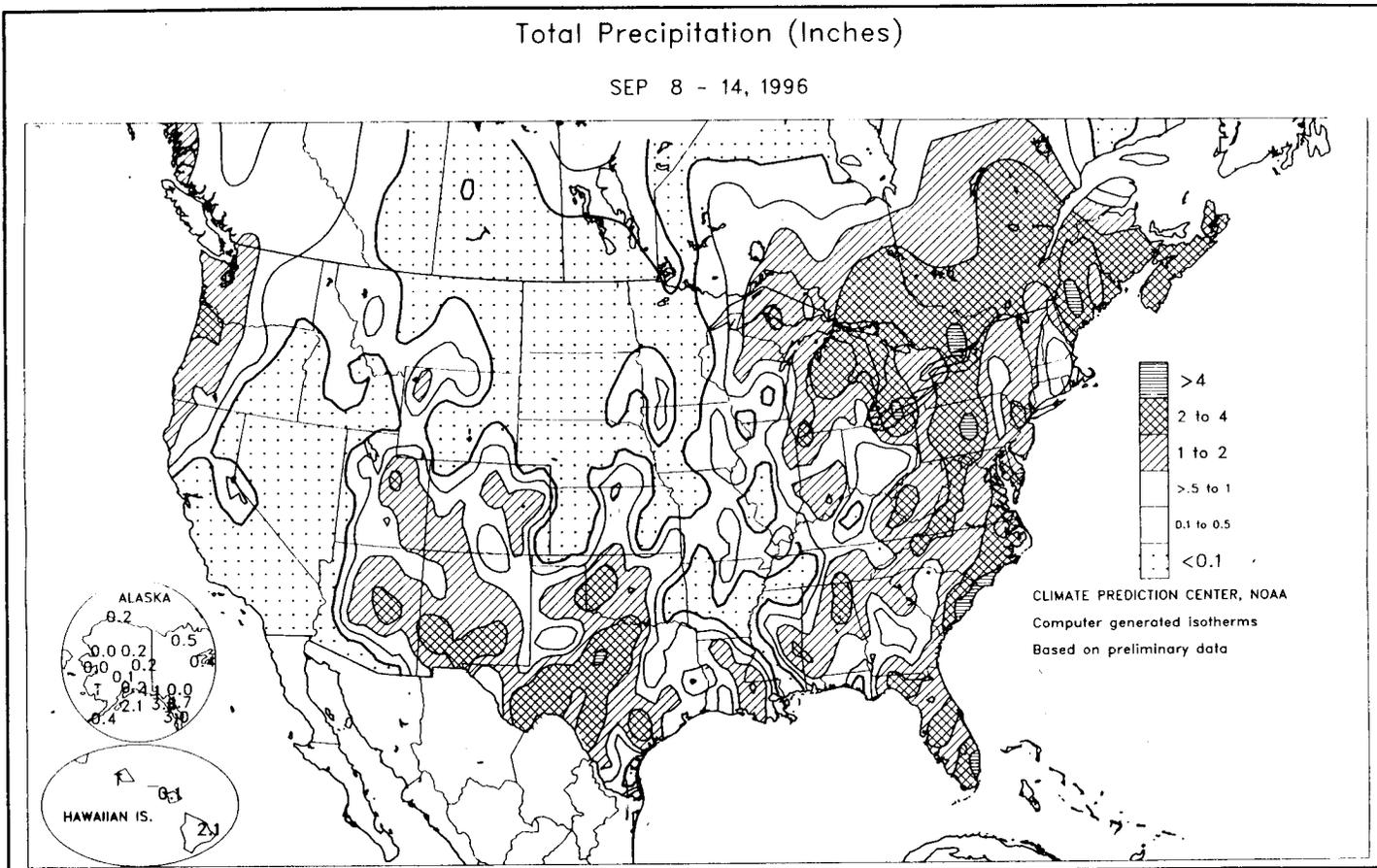
WEEKLY WEATHER AND CROP BULLETIN

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)

SEP 8 - 14, 1996



HIGHLIGHTS

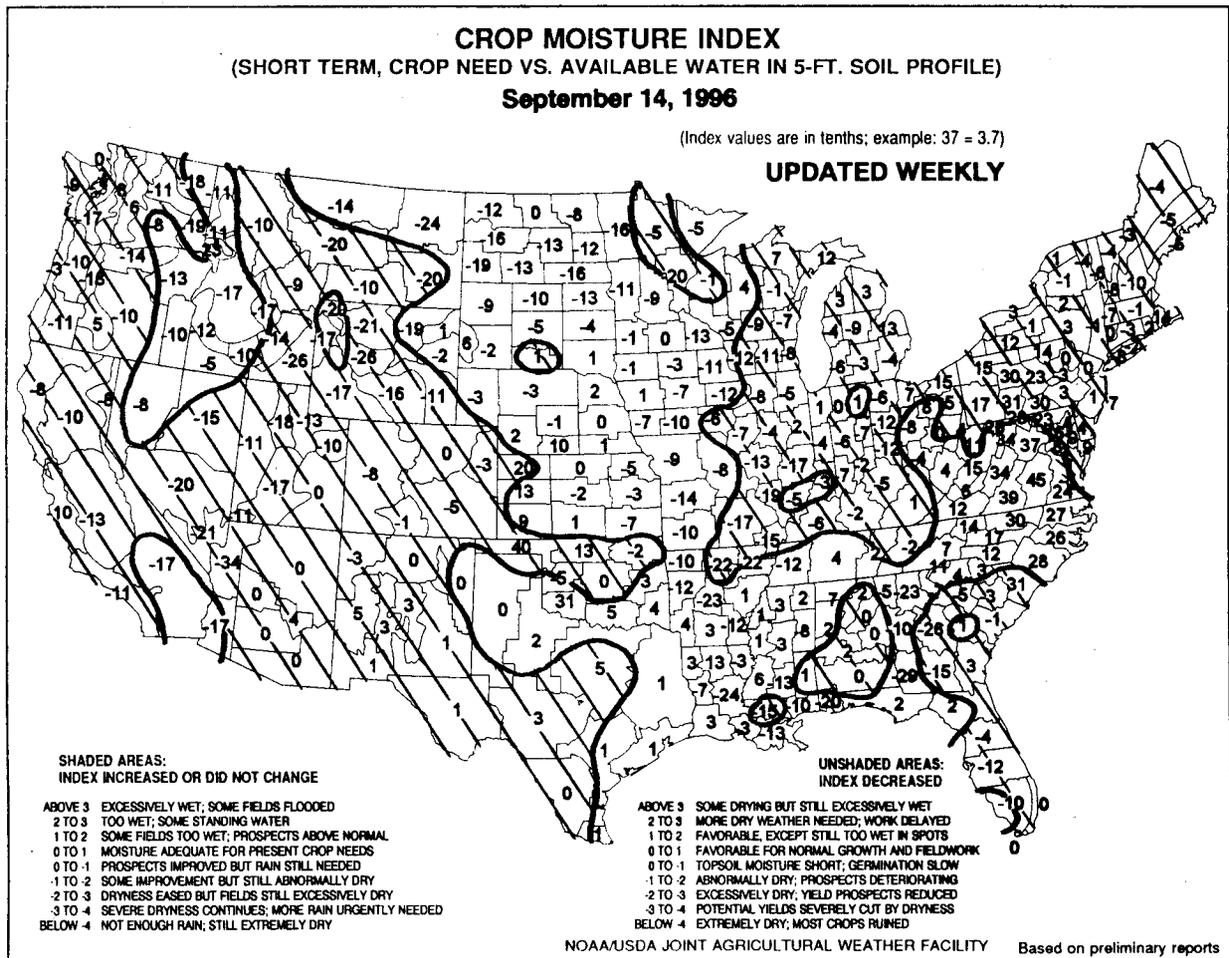
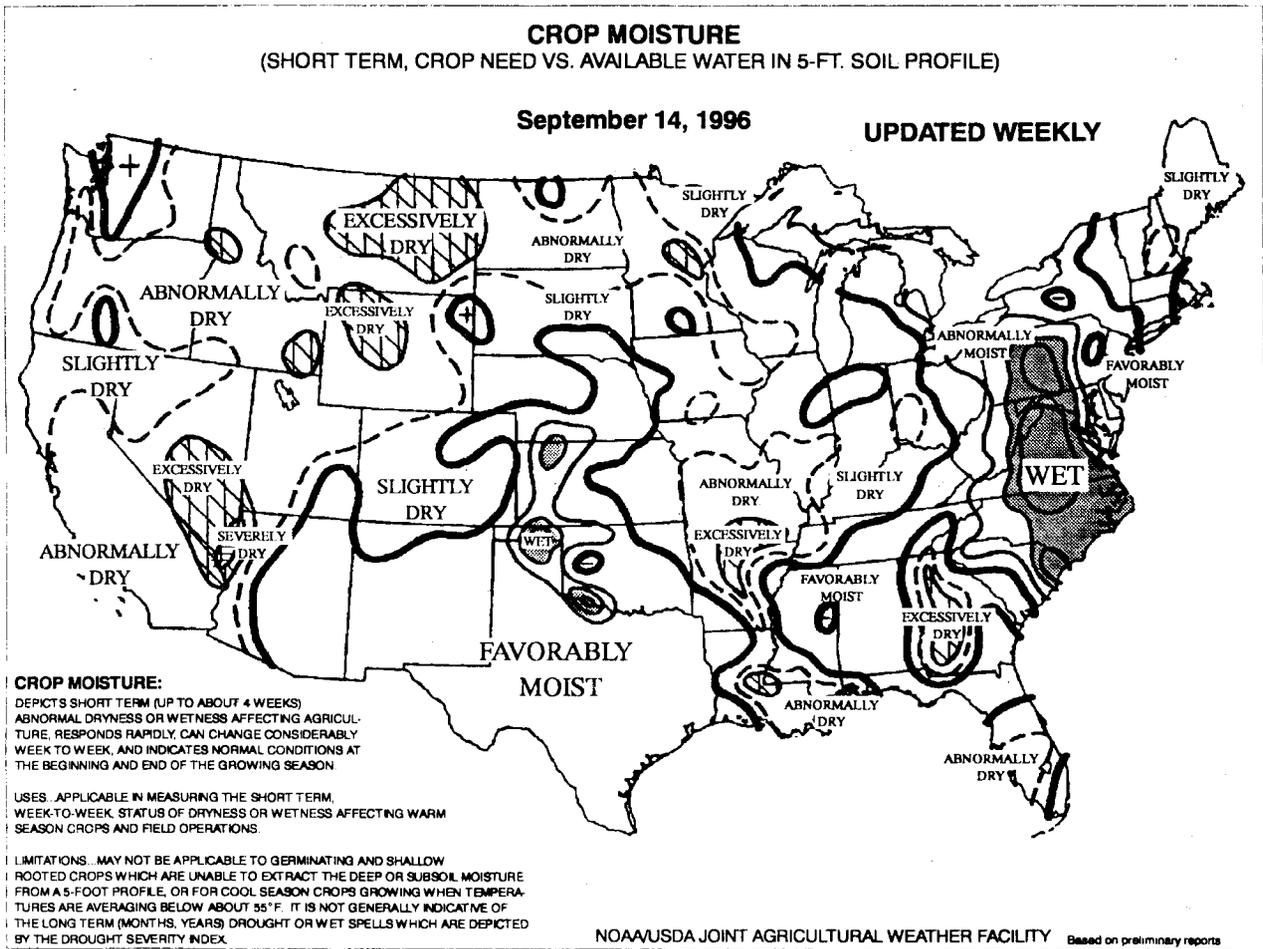
September 8 - 14, 1996

A strong, late-week cold front flushed out tropical moisture left across the East in the wake of Hurricane Fran. Before the front's arrival, additional heavy rain in the Middle Atlantic States aggravated recovery efforts in the wake of severe flooding. The front's passage heralded the arrival of very cool air across the Midwest. Frost dotted the upper Midwest at week's end, but likely caused only minor damage to immature corn and soybeans. On Friday, eastern Pacific Hurricane Fausto made landfall in northwestern Mexico, contributing tropical moisture to a storm system moving across the Southwest. As a result, heavy rain overspread the Four Corners States and the southern Plains, further reducing long-term moisture deficits. Elsewhere, Hurricane Hortense crossed southwestern Puerto Rico on Monday night, producing strong winds and as much as 23 inches of rain.

(Continued on page 4)

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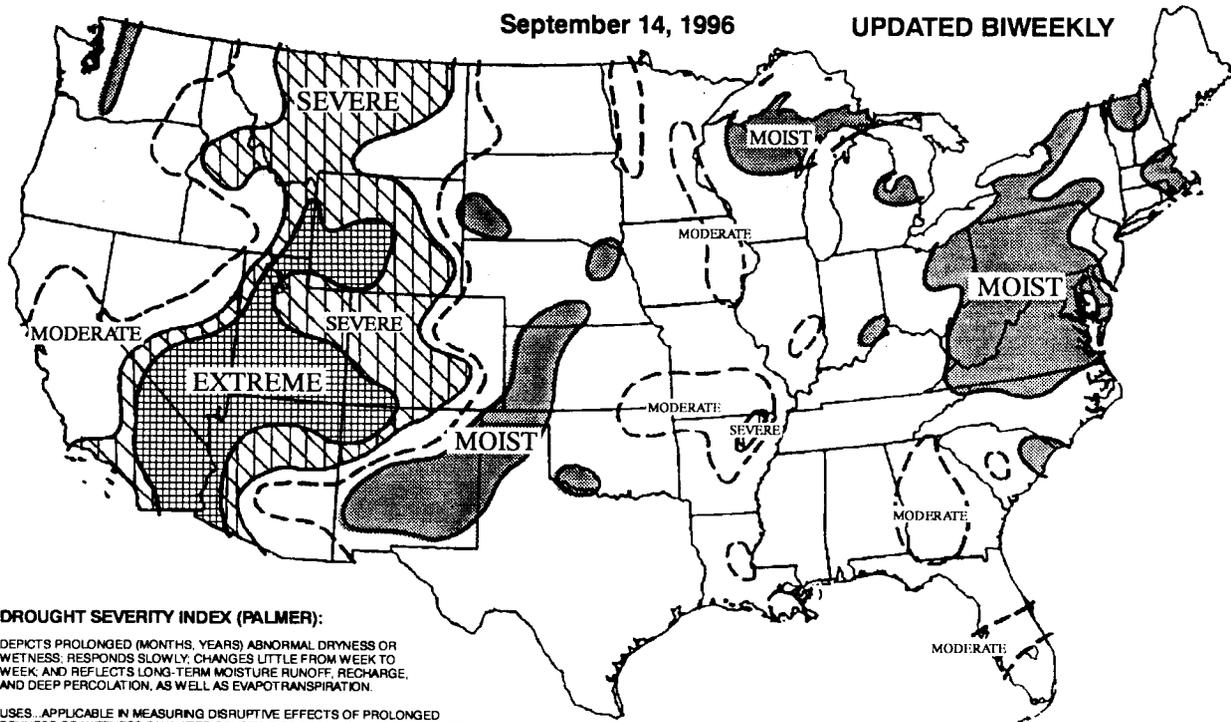
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DROUGHT SEVERITY
(LONG TERM PALMER)

September 14, 1996

UPDATED BIWEEKLY



DROUGHT SEVERITY INDEX (PALMER):

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS. RESPONDS SLOWLY, CHANGES LITTLE FROM WEEK TO WEEK, AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.

USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISTRESS AREAS OF DROUGHT OR WETNESS, AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.

LIMITATIONS... IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

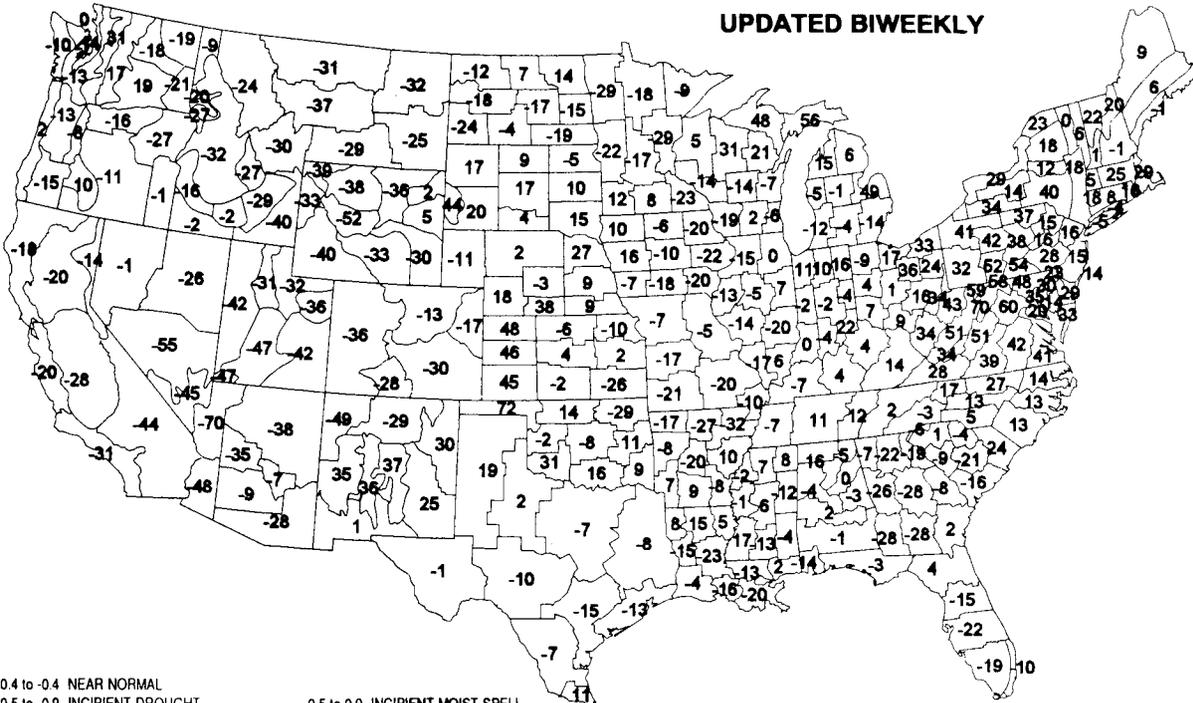
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

DROUGHT SEVERITY INDEX BY DIVISION
(LONG TERM, PALMER)

September 14, 1996

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

UPDATED BIWEEKLY



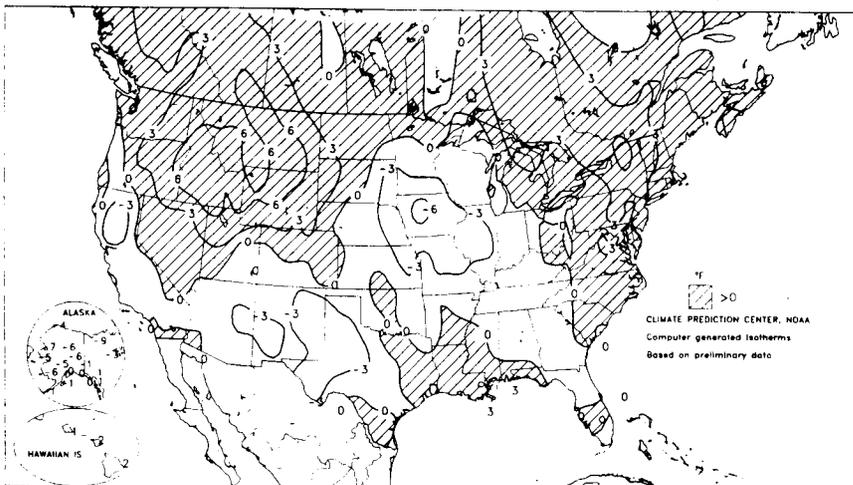
0.4 to -0.4 NEAR NORMAL
-0.5 to -0.9 INCIPIENT DROUGHT
-1.0 to -1.9 MILD DROUGHT
-2.0 to -2.9 MODERATE DROUGHT
-3.0 to -3.9 SEVERE DROUGHT
BELOW -4.0 EXTREME DROUGHT

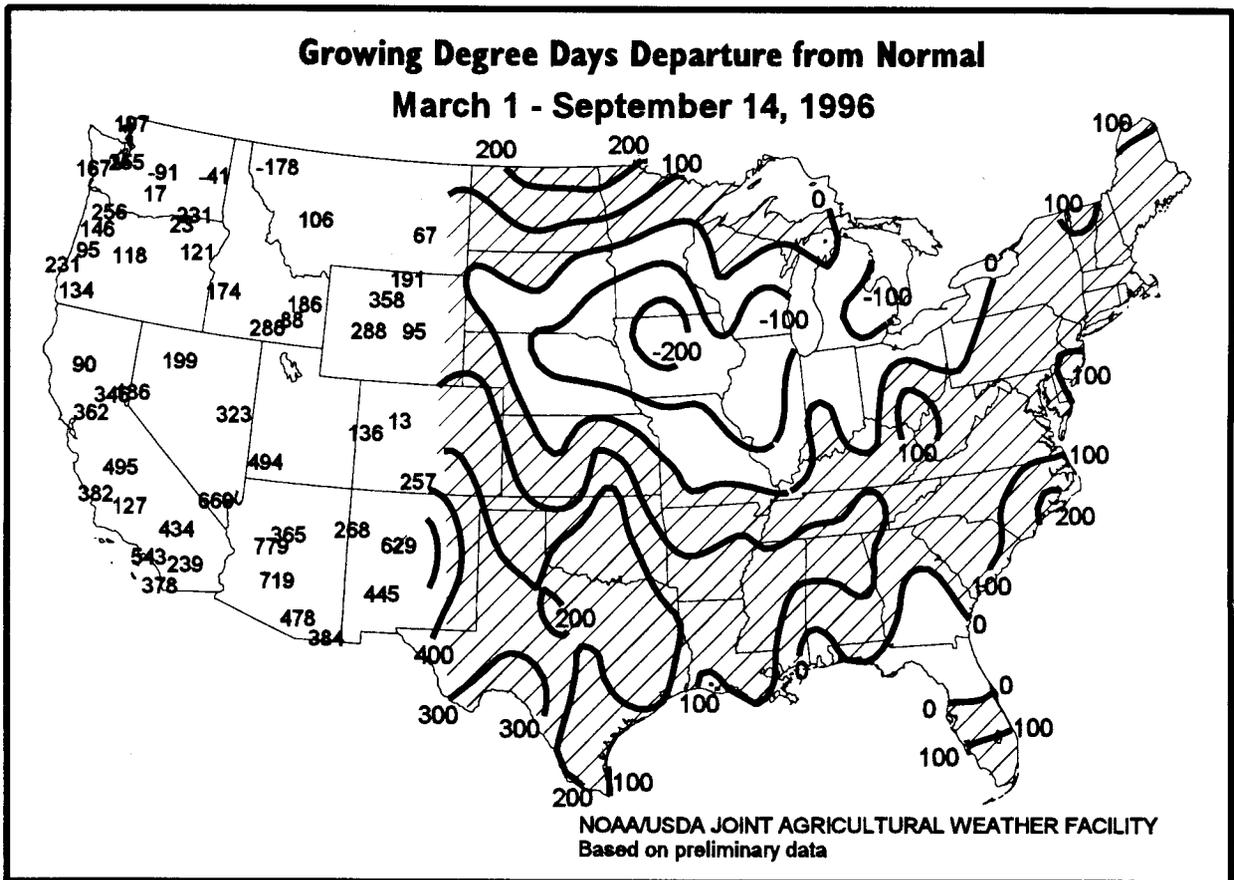
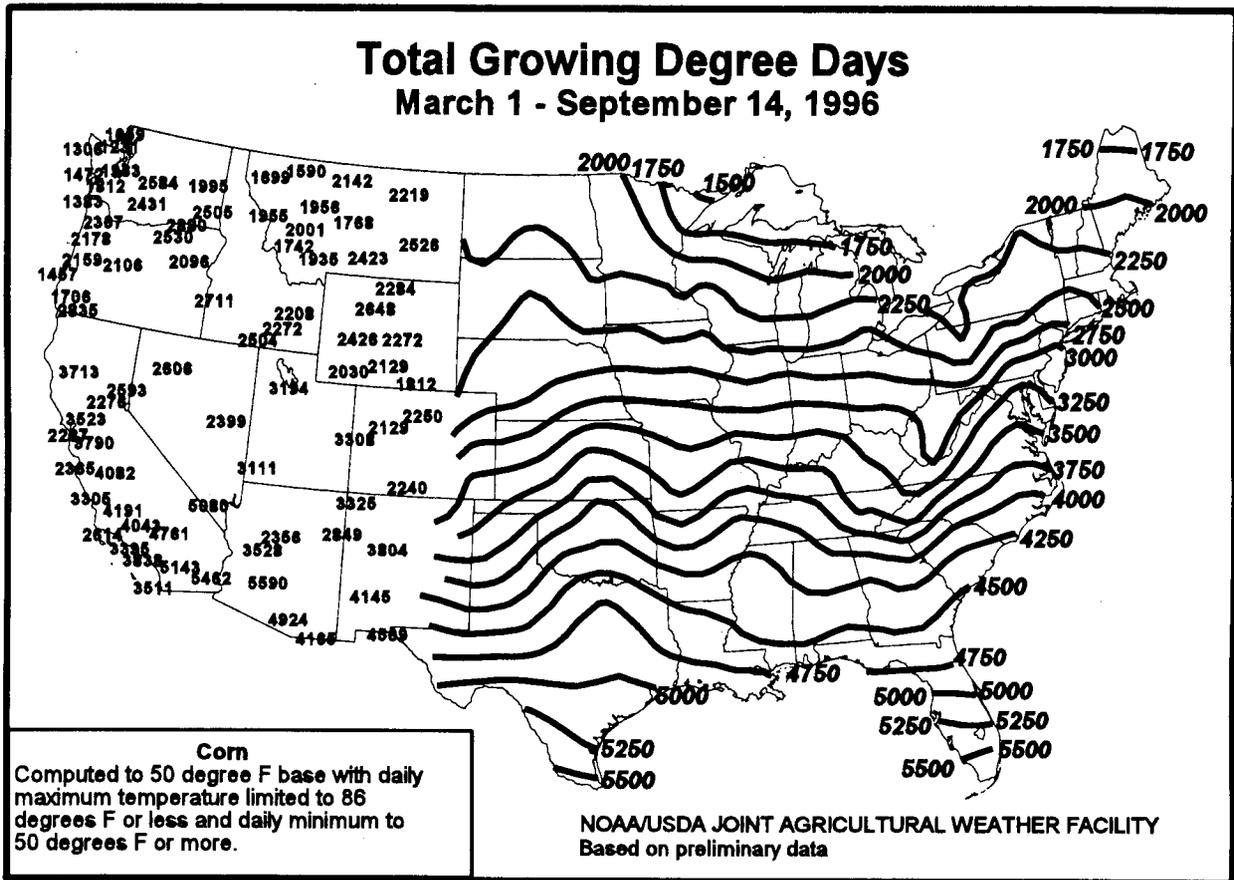
0.5 to 0.9 INCIPIENT MOIST SPELL
1.0 to 1.9 MOIST SPELL
2.0 to 2.9 UNUSUAL MOIST SPELL
3.0 to 3.9 VERY MOIST SPELL
ABOVE 4.0 EXTREME MOIST SPELL

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

Departure of Average Temperature from Normal (°F)

SEP 8 - 14, 1996





National Weather Data for Selected Cities

Weather Data for the Week Ending September 14, 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	.01 INCH OR MORE		.05 INCH OR MORE	
																		90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
AL BIRMINGHAM	86	63	91	51	74	-1	1.58	0.64	1.07	2.96	158	48.94	121	98	48	1	0	2	2	2	2
MOBILE	89	69	91	66	79	0	0.00	-1.47	0.00	0.23	8	47.20	96	93	48	4	0	0	0	0	0
MONTGOMERY	87	65	91	58	76	0	0.12	-0.78	0.10	2.98	163	50.11	120	95	46	2	0	2	2	0	0
AK ANCHORAGE	57	44	62	36	50	0	0.17	-0.46	0.17	0.17	13	8.46	82	83	53	0	0	1	0	0	0
BARROW	31	26	35	21	29	-4	0.22	0.08	0.15	0.70	226	3.06	94	87	72	0	7	2	0	0	0
FAIRBANKS	49	35	67	29	42	-6	0.17	-0.06	0.11	0.21	41	8.14	102	94	67	0	1	5	0	0	0
JUNEAU	56	46	61	35	51	1	-	-	-	-	-	-	-	-	100	77	0	0	-	-	-
KODIAK	54	45	58	41	50	-1	2.10	0.49	1.04	5.24	167	34.20	78	94	73	0	0	6	1	0	0
NOME	48	31	53	26	39	-5	0.00	-0.59	0.00	0.00	0	11.82	112	82	37	0	6	0	0	0	0
AZ PHOENIX	95	76	103	72	86	-1	0.10	-0.11	0.10	0.53	123	3.66	73	84	29	6	0	1	0	0	0
PRESCOTT	78	57	84	53	67	-1	0.35	-0.15	0.26	0.98	90	6.50	45	90	44	0	0	3	0	0	0
TUCSON	90	70	97	66	80	-2	0.08	-0.33	0.07	2.68	319	7.56	89	74	35	3	0	2	0	0	0
YUMA	99	78	104	66	89	1	0.00	-0.08	0.00	0.00	0	0.93	44	50	25	7	0	0	0	0	0
AR FORT SMITH	85	62	89	59	74	-1	0.00	-0.74	0.00	0.00	0	36.64	125	82	48	0	0	0	0	0	0
LITTLE ROCK	-	-	-	-	-	-	0.21	-0.86	-	0.28	10	29.96	-	89	-	-	-	-	-	-	-
CA BAKERSFIELD	89	62	98	56	78	-2	0.00	-0.03	0.00	0.00	0	4.20	105	64	26	4	0	0	0	0	0
EUREKA	65	52	69	50	59	1	0.31	0.14	0.31	0.31	100	29.75	136	93	75	0	0	1	0	0	0
FRESNO	90	61	98	56	75	0	0.00	-0.06	0.00	0.00	0	8.14	115	72	24	4	0	0	0	0	0
LOS ANGELES	75	62	78	60	69	-1	0.00	-0.08	0.00	0.00	0	8.72	108	94	82	0	0	0	0	0	0
REDDING	86	56	98	53	70	-5	0.52	0.33	0.52	0.52	153	28.20	143	74	26	3	0	1	1	1	1
SACRAMENTO	88	56	102	54	72	0	0.00	-0.07	0.00	0.00	0	15.86	145	84	29	3	0	0	0	0	0
SAN DIEGO	76	67	79	64	72	0	0.00	-0.06	0.00	0.00	0	3.94	61	84	69	0	0	0	0	0	0
SAN FRANCISCO	73	54	83	52	64	-1	0.00	-0.03	0.00	0.00	0	18.46	150	91	48	0	0	0	0	0	0
DENVER	79	53	90	48	66	3	0.11	-0.19	0.09	0.30	49	6.74	55	75	32	1	0	2	0	0	0
GRAND JUNCTION	79	55	89	50	67	-2	0.42	0.17	0.27	1.14	243	6.74	96	82	31	0	0	3	0	0	0
PUEBLO	81	50	91	47	65	-2	0.17	-0.06	0.15	0.21	41	10.81	115	85	34	2	0	2	0	0	0
CT BRIDGEPORT	71	65	76	56	68	1	0.39	-0.33	0.27	0.42	29	34.24	115	94	71	0	0	2	0	0	0
HARTFORD	72	59	81	56	66	1	0.45	-0.43	0.37	1.21	69	34.30	112	98	70	0	0	2	0	0	0
DC WASHINGTON	81	67	90	56	74	1	1.99	1.21	1.03	5.54	346	35.66	129	94	61	1	0	3	2	2	2
FL PANAMA CITY	87	73	90	68	80	1	-	-	-	-	-	-	-	82	58	1	0	-	-	-	-
DAYTONA BEACH	87	70	90	68	78	-2	1.78	0.25	0.91	2.96	96	45.43	129	98	82	2	0	4	2	2	2
JACKSONVILLE	88	70	91	64	79	-1	2.71	1.00	1.84	2.96	87	38.82	105	96	55	2	0	3	2	2	2
KEY WEST	87	76	89	73	82	-2	2.97	1.56	1.61	3.57	128	24.78	90	91	68	0	0	4	2	2	2
MIAMI	88	75	92	73	82	-1	3.15	1.32	1.16	5.26	143	43.18	103	91	69	2	0	5	3	3	3
ORLANDO	90	72	93	71	80	-1	2.60	1.10	2.02	5.04	163	49.33	128	98	80	2	0	3	1	1	1
TALLAHASSEE	90	67	93	63	78	-1	0.71	-0.68	0.71	1.94	67	38.11	74	97	62	4	0	1	1	1	1
TAMPA	89	74	91	73	82	0	2.17	0.66	1.72	2.46	78	36.86	104	93	63	3	0	4	1	1	1
WEST PALM BEACH	88	73	91	71	81	-1	2.10	0.45	2.06	2.80	86	29.29	70	92	62	2	0	3	1	1	1
GA ATLANTA	85	66	89	53	75	1	0.11	-0.70	0.11	0.51	31	32.70	86	89	50	0	0	1	0	0	0
AUGUSTA	87	64	92	51	76	0	0.22	-0.50	0.22	0.93	62	28.62	83	99	42	2	0	1	0	0	0
MACON	88	64	95	51	76	-1	0.68	0.01	0.39	0.74	53	26.23	77	99	46	2	0	3	0	0	0
SAVANNAH	87	68	92	56	77	0	0.97	-0.15	0.54	2.02	84	24.85	62	97	55	2	0	2	1	1	1
HI HILO	86	70	87	69	78	2	2.06	0.08	0.66	5.08	127	85.75	97	93	64	0	0	6	2	2	2
HONOLULU	88	76	90	74	82	1	0.05	-0.09	-	0.61	244	12.06	97	79	53	1	0	-	-	-	-
KAHULUI	90	73	92	69	81	2	-	-	-	-	-	-	-	79	52	4	0	-	-	-	-
LIHUE	-	76	-	73	-	-	-	-	-	-	-	-	-	81	70	-	0	-	-	-	-
ID BOISE	87	59	95	54	73	9	0.00	-0.19	0.00	0.04	11	7.69	95	62	22	3	0	0	0	0	0
LEWISTON	85	56	97	52	70	5	0.07	-0.12	0.07	0.07	18	11.53	131	68	26	3	0	1	0	0	0
POCATELLO	81	48	88	40	65	5	0.14	-0.06	0.13	0.14	36	7.68	90	72	21	0	0	2	0	0	0
IL CHICAGO	73	55	84	46	64	-2	0.89	-0.24	0.60	0.69	36	24.13	92	95	80	0	0	2	1	1	1
MOLINE	73	53	82	42	63	-3	0.58	-0.38	0.32	0.58	30	22.59	77	95	58	0	0	2	0	0	0
PEORIA	74	53	83	42	64	-4	0.18	-0.75	0.16	0.18	10	21.98	83	95	54	0	0	2	0	0	0
QUINCY	72	53	82	38	62	-6	-	-	-	-	-	-	-	97	55	0	0	-	-	-	-
ROCKFORD	72	51	82	42	62	-3	0.25	-0.66	0.25	0.25	14	34.84	129	96	53	0	0	1	0	0	0
SPRINGFIELD	76	51	85	37	64	-5	0.08	-0.72	0.08	0.08	5	24.43	95	94	48	0	0	1	0	0	0
IN EVANSVILLE	78	56	87	44	67	-4	0.12	-0.62	0.12	0.91	61	40.20	121	96	50	0	0	1	0	0	0
FORT WAYNE	73	57	81	50	65	-1	0.24	-0.39	0.20	0.29	22	31.70	125	97	62	0	0	4	0	0	0
INDIANAPOLIS	77	57	86	42	67	-1	0.87	0.19	0.86	0.87	62	35.66	121	95	53	0	0	2	1	1	1
SOUTH BEND	71	56	82	48	64	-2	1.42	0.57	0.84	1.43	83	33.04	119	99	64	0	0	4	1	1	1
IA DES MOINES	71	50	81	39	61	-4	0.46	-0.45	0.46	0.86	47	25.31	97	96	55	0	0	2	0	0	0
SIOUX CITY	73	47	83	38	60	-5	0.00	-0.69	0.00	1.19	84	27.48	133	98	51	0	0	0	0	0	0
WATERLOO	74	48	83	34	61	-2	1.53	-0.69	1.53	1.53	90	20.21	77	96	47	0	0	1	1	1	1
KS CONCORDIA	79	54	93	48	66	-2	0.07	-0.66	0.07	0.07	5	16.67	71	87	42	1	0	1	0	0	0
D																					

Weather Data for the Week Ending September 14, 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	92 AND BELOW	TEMP, °F		PRECIP.	
																		01 INCH OR MORE	05 INCH OR MORE	01 INCH OR MORE	05 INCH OR MORE
ME CARIBOU	63	50	71	38	67	2	1.97	1.15	1.21	1.97	117	29.86	119	100	76	0	0	6	2		
ME PORTLAND	68	56	78	54	61	1	1.36	0.69	0.69	2.37	171	31.44	108	100	78	0	0	6	1		
MD BALTIMORE	80	63	88	50	72	2	1.87	0.86	1.36	2.37	143	37.28	127	96	58	0	0	3	1		
MD SALISBURY	81	64	91	52	73	3	1.47	0.69	0.98	1.47	79	36.52	118	98	61	1	0	3	1		
MA BOSTON	69	60	82	56	64	-1	0.27	-0.46	0.14	1.58	110	29.08	102	96	78	0	0	5	0		
MA CHATHAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MI ALPENA	70	57	83	50	63	6	3.15	2.39	1.47	3.26	212	18.61	88	98	88	0	0	6	2		
MI DETROIT	73	58	84	50	66	1	0.72	0.02	0.37	1.70	118	18.86	71	92	58	0	0	3	0		
MI FLINT	71	56	83	49	63	1	0.64	-0.23	0.38	1.08	61	17.07	79	94	80	0	0	3	0		
MI GRAND RAPIDS	72	58	86	49	64	1	0.78	-0.26	0.33	0.78	37	18.77	75	92	56	0	0	6	0		
MI HOUGHTON LAKE	68	52	82	47	60	2	2.65	1.82	1.50	2.67	168	26.09	129	98	64	0	0	6	2		
MI LANSING	71	54	86	49	62	0	0.83	-0.11	0.42	0.86	47	20.13	91	98	63	0	0	4	0		
MI MARQUETTE	61	48	78	42	56	0	2.75	1.79	1.00	2.82	149	31.75	131	99	74	0	0	5	3		
MI MUSKEGON	69	56	81	49	62	0	1.45	0.51	0.81	1.45	78	18.84	87	93	63	0	0	3	2		
MI SAULT ST. MARIE	66	54	79	48	60	4	1.77	0.99	1.01	1.81	103	26.41	115	96	71	0	0	3	2		
MN ALEXANDRIA	69	48	80	37	59	-1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MN DULUTH	64	47	71	38	56	0	0.05	-0.86	0.03	1.39	74	23.39	103	93	61	0	0	3	0		
MN INT'L FALLS	67	41	75	34	54	-1	0.14	-0.82	0.07	0.84	55	19.15	101	98	54	0	0	3	0		
MN MINNEAPOLIS	73	48	87	33	60	-1	0.00	-0.95	0.00	0.00	0	14.91	67	92	41	0	0	0	0		
MN ROCHESTER	67	47	77	34	57	-3	0.36	-0.48	0.36	0.36	21	20.00	87	95	56	0	0	1	0		
MS GREENWOOD	90	66	93	57	78	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MS JACKSON	88	68	91	62	77	1	0.00	-0.89	0.00	0.00	0	43.72	111	97	50	2	0	0	0		
MS MERIDIAN	87	66	91	57	76	-1	0.41	-0.42	0.39	1.74	104	44.18	107	98	51	2	0	3	0		
MO CAPE GIRARDEAU	83	57	90	47	70	-1	0.19	-0.86	0.12	0.57	33	25.89	78	95	43	1	0	2	0		
MO COLUMBIA	77	54	82	41	66	-3	0.33	-0.80	0.28	1.55	85	26.38	96	95	50	0	0	2	0		
MO KANSAS CITY	77	54	86	46	66	-3	0.00	-1.18	0.00	0.20	9	27.98	98	93	49	0	0	0	0		
MO SAINT LOUIS	78	59	88	48	68	-3	0.00	-0.74	0.00	0.05	3	29.74	110	91	46	0	0	0	0		
MO SPRINGFIELD	81	53	91	43	67	-3	0.17	-0.97	0.17	0.40	18	21.25	69	98	46	1	0	1	0		
MT BILLINGS	81	52	85	50	66	6	0.86	0.34	0.68	0.86	106	9.43	81	64	28	0	0	1	1		
MT GLASGOW	78	49	84	40	63	5	0.00	-0.25	0.00	0.00	0	5.37	58	71	25	0	0	0	0		
MT GREAT FALLS	78	48	82	39	63	6	0.01	-0.29	0.01	0.24	38	6.89	56	75	29	0	0	1	0		
MT HAVRE	80	49	86	46	66	7	0.00	-0.30	0.00	0.46	75	8.61	94	78	28	0	0	0	0		
MT HELENA	80	47	84	43	63	7	0.11	-0.17	0.11	0.33	57	8.31	88	77	28	0	0	1	0		
MT KALISPELL	78	44	81	38	60	5	0.18	-0.12	0.16	0.66	106	16.72	139	91	35	0	0	2	0		
MT MILES CITY	83	52	88	48	68	7	0.11	-0.19	0.11	0.11	18	10.25	90	58	24	0	0	1	0		
MT MISSOULA	80	46	87	39	63	8	0.19	-0.09	0.08	0.53	98	12.20	119	81	31	0	0	3	0		
NE GRAND ISLAND	78	53	92	48	66	-1	0.09	-0.81	0.09	0.42	30	24.34	119	91	48	1	0	1	0		
NE LINCOLN	75	51	86	44	63	-4	0.14	-0.71	0.14	0.19	11	28.75	129	95	50	0	0	1	0		
NE NORFOLK	74	48	84	39	61	-3	0.00	-0.59	0.00	0.66	55	18.80	91	92	46	0	0	0	0		
NE NORTH PLATTE	75	50	90	47	63	0	0.03	-0.36	0.03	1.59	206	20.07	122	93	53	1	0	1	0		
NE OMAHA	74	51	86	44	62	-4	0.26	-0.65	..	1.50	79	23.72	102	95	52	0	0	..	..
NE SCOTTSBLUFF	78	52	89	48	65	2	0.00	-0.25	0.00	0.35	70	12.91	102	91	40	0	0	0	0		
NE VALENTINE	78	47	90	38	63	-2	0.00	-0.58	0.00	0.86	72	11.57	82	93	36	1	0	0	0		
NV ELY	79	42	84	31	60	3	0.01	-0.24	0.01	0.01	2	4.91	66	73	17	0	1	1	0		
NV LAS VEGAS	93	72	98	63	82	1	0.00	-0.07	0.00	0.00	0	0.91	31	43	17	5	0	0	0		
NV RENO	81	43	90	35	62	0	0.04	-0.04	0.04	0.04	24	7.48	147	78	19	1	0	1	0		
NV WINNEMUCCA	84	41	92	34	63	2	0.00	-0.08	0.00	0.00	0	6.13	109	73	15	3	0	0	0		
NH CONCORD	70	56	82	53	62	2	0.19	-0.46	0.16	0.57	43	27.90	112	97	69	0	0	3	0		
NJ ATLANTIC CITY	81	64	91	51	73	5	0.59	-0.11	0.40	0.59	40	32.94	113	97	62	1	0	3	0		
NM ALBUQUERQUE	78	59	86	51	68	-2	0.70	0.46	0.65	0.78	153	6.61	100	70	41	0	0	3	1		
NM CLOVIS	77	58	88	57	68	-2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NM ROSWELL	80	61	90	59	71	-3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NY ALBANY	73	59	79	55	66	4	1.72	1.02	1.18	2.09	146	31.61	123	96	64	0	0	3	2		
NY BINGHAMTON	70	56	77	48	63	2	0.84	0.05	0.43	1.73	108	30.87	118	96	67	0	0	4	0		
NY BUFFALO	69	60	77	54	65	1	2.98	2.15	1.07	3.57	208	32.99	125	94	69	0	0	6	2		
NY NEW YORK	78	68	88	59	73	4	0.81	0.01	0.45	1.18	72	29.81	99	90	62	0	0	2	0		
NY ROCHESTER	71	59	79	53	65	2	1.70	0.99	1.14	2.33	180	29.92	133	97	70	0	0	4	1		
NY SYRACUSE	74	59	78	49	66	3	1.55	0.64	0.78	1.78	99	25.36	94	94	64	0	0	4	1		
NC ASHEVILLE	77	57	82	44	67	-1	0.02	-1.01	0.01	1.97	92	34.83	95	97	57	0	0	2	0		
NC CHARLOTTE	83	65	90	55	74	1	0.11	-0.72	0.11	1.93	117	30.16	96	90	54	1	0	1	0		
NC GREENSBORO	80	63	88	51	72	1	0.79	-0.04	0.31	10.27	622	39.70	128	97	80	0	0	3	0		
NC HATTERAS	81	74	85	69	77	2	1.87	0.43	0.95	2.09	83	..	..	..	..	..	..	..	..	..	..
NC NEW BERN	86	70	93	69	77	3	2.06	0.80	1.41	3.30	126	39.73	95	98	61	2	0	5	2		
NC RALEIGH	82	64	89	50	73	1	1.90	1.14	1.14	11.57	742	41.87	136								

Weather Data for the Week Ending September 14, 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.		
																80 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE	
OK TOLEDO	74	57	86	48	66	1	1.08	0.38	0.38	1.24	88	21.32	90	97	81	0	0	4	0	
OK YOUNGSTOWN	71	56	79	50	63	0	1.29	0.48	0.68	3.86	221	29.53	108	97	87	0	0	4	1	
OK OKLAHOMA CITY	86	63	92	59	74	-1	0.68	-0.32	0.58	0.60	36	26.72	108	88	47	2	0	1	1	
OR TULSA	86	61	96	56	73	-2	0.18	-0.93	0.18	0.18	8	13.41	48	90	38	2	0	1	0	
OR ASTORIA	88	53	75	46	60	0	1.14	0.53	0.98	1.63	147	48.07	126	96	58	0	0	3	1	
OR BURNS	81	39	90	34	60	4	0.00	-0.14	0.00	0.03	11	8.23	127	72	19	1	0	0	0	
OR MEDFORD	82	52	96	48	67	1	0.13	-0.06	0.07	0.13	36	14.82	143	96	29	3	0	2	0	
OR PENDLETON	82	54	87	51	68	4	0.06	-0.08	0.06	0.06	21	8.91	116	83	20	0	0	1	0	
OR PORTLAND	74	57	86	52	66	1	2.03	1.64	2.03	2.16	290	33.31	157	84	48	0	0	1	1	
OR SALEM	74	53	86	48	64	1	0.88	0.56	0.88	0.99	160	36.24	163	93	50	0	0	2	1	
PA ALLENTOWN	77	59	86	47	68	2	0.26	-0.68	0.14	0.72	37	33.19	108	82	58	0	0	2	0	
PA ERIE	70	59	81	51	64	-1	2.44	1.39	0.71	4.01	192	33.60	120	100	75	0	0	7	3	
PA HARRISBURG	79	64	86	54	72	4	0.63	-0.30	0.00	1.64	99	36.80	128	98	60	0	0	0	0	
PA PHILADELPHIA	80	66	92	57	73	5	0.73	-0.26	0.80	0.98	49	33.78	102	96	63	1	0	4	1	
PA PITTSBURGH	74	59	80	51	67	2	1.74	1.03	0.87	3.43	238	34.67	127	94	61	0	0	3	2	
PA SCRANTON	75	59	83	47	67	4	0.34	-0.46	0.28	1.12	70	31.77	121	92	60	0	0	2	0	
RI PROVIDENCE	72	60	84	57	68	1	0.20	-0.61	0.13	1.89	104	29.68	96	97	66	0	0	3	0	
SC CHARLESTON	84	69	90	68	76	-1	5.04	3.87	2.56	7.97	321	34.96	86	98	64	2	0	6	3	
SC COLUMBIA	87	68	92	62	77	1	0.24	-0.65	0.24	0.62	27	26.12	86	96	48	3	0	1	0	
SC FLORENCE	86	68	90	54	78	0	0.00	-0.82	0.00	0.00	0	23.76	70	100	56	2	0	0	0	
SC GREENVILLE	82	61	88	50	72	-1	0.82	-0.29	0.81	1.84	101	38.41	106	98	58	0	0	2	1	
SD ABERDEEN	74	44	86	39	59	-1	0.00	-0.48	0.00	0.88	88	14.87	86	96	39	0	0	0	0	
SD HURON	76	47	89	38	61	-1	0.00	-0.41	0.00	0.24	29	13.22	80	90	42	0	0	0	0	
SD RAPID CITY	80	51	88	42	66	4	0.00	-0.29	0.00	0.22	37	16.36	110	73	31	0	0	0	0	
SD SIOUX FALLS	72	48	83	38	59	-4	0.00	-0.74	0.00	1.49	101	13.62	72	94	49	0	0	0	0	
TN CHATTANOOGA	81	61	86	50	71	-3	0.77	-0.22	0.66	2.26	116	39.69	103	98	54	0	0	3	1	
TN KNOXVILLE	79	61	84	50	70	-1	0.18	-0.68	0.09	1.08	76	34.74	101	96	54	0	0	2	0	
TN MEMPHIS	86	66	90	52	76	0	0.00	-0.86	0.00	0.68	40	46.87	126	88	48	1	0	0	0	
TN NASHVILLE	83	62	88	48	73	-1	0.00	-0.83	0.00	2.14	127	32.71	96	90	47	0	0	0	0	
TX ABILENE	84	64	89	59	74	-3	2.81	2.04	2.46	3.21	211	20.00	112	90	52	0	0	3	1	
TX AMARILLO	78	58	86	54	68	-2	0.61	0.12	0.34	1.44	138	17.97	111	92	41	0	0	4	0	
TX AUSTIN	89	72	92	68	80	-1	0.17	-0.68	0.13	0.23	16	18.57	83	84	46	3	0	2	0	
TX BEAUMONT	87	71	91	69	79	-1	0.71	-0.81	0.28	2.72	90	28.74	72	97	61	2	0	3	0	
TX BROWNSVILLE	90	74	91	73	82	0	3.68	2.12	3.68	4.70	167	11.92	67	97	49	5	0	1	1	
TX CORPUS CHRISTI	90	73	93	70	82	0	0.24	-1.10	0.11	0.72	28	13.82	83	97	51	6	0	3	0	
TX DEL RIO	89	72	92	70	80	0	0.17	-0.47	0.11	0.26	20	7.33	41	92	50	4	0	3	0	
TX EL PASO	83	64	90	61	74	-2	0.99	0.28	0.60	1.19	142	8.89	141	86	38	1	0	4	1	
TX FORT WORTH	88	69	91	66	79	2	0.08	-1.06	0.08	0.13	6	19.17	73	84	50	4	0	1	0	
TX GALVESTON	86	77	89	74	82	1	0.62	-0.94	0.52	1.26	43	13.89	46	90	61	0	0	1	1	
TX HOUSTON	89	69	92	66	79	0	0.11	-1.23	0.11	0.68	28	22.44	61	97	56	3	0	1	0	
TX LUBBOCK	79	59	87	56	69	-3	0.44	-0.18	0.27	0.53	42	12.80	90	89	45	0	0	3	0	
TX MIDLAND	81	63	88	61	72	-3	0.73	-0.07	0.68	0.96	62	7.44	67	91	50	0	0	4	1	
TX SAN ANGELO	86	64	89	59	76	-2	1.74	0.93	1.53	1.74	112	16.44	114	96	50	0	0	3	1	
TX SAN ANTONIO	89	70	91	62	79	-1	0.69	-0.11	0.34	0.73	47	9.52	43	91	49	3	0	3	0	
TX VICTORIA	86	72	90	71	79	-1	2.56	1.03	1.86	2.56	88	19.48	62	99	62	2	0	3	2	
TX WACO	89	68	92	61	78	-2	0.01	-0.80	0.01	0.02	1	16.92	76	94	44	3	0	1	0	
TX WICHITA FALLS	87	67	91	66	77	0	0.61	-0.48	0.40	0.77	40	13.70	64	88	46	2	0	3	0	
UT CEDAR CITY	81	62	87	47	67	3	0.00	-0.23	0.00	0.47	96	8.87	106	67	24	0	0	0	0	
UT SALT LAKE CITY	88	61	92	58	73	7	0.08	-0.21	0.06	0.09	16	11.48	101	66	28	3	0	2	0	
VT BURLINGTON	73	58	77	56	66	6	0.86	0.07	0.43	0.86	63	29.68	121	96	61	0	0	6	0	
VA NORFOLK	81	69	89	59	76	2	0.86	-0.07	0.39	1.44	76	39.73	118	94	68	0	0	4	0	
VA RICHMOND	82	66	88	53	73	2	3.27	2.49	1.87	5.32	333	36.98	117	96	52	0	0	4	2	
VA ROANOKE	79	62	86	52	70	1	3.07	2.26	2.03	4.82	294	40.88	139	89	48	0	0	5	1	
WA QUILLAYUTE	87	48	74	42	58	0	1.57	0.58	0.71	2.46	136	54.26	88	97	56	0	0	3	2	
WA SEATTLE-TACOMA	71	56	77	51	63	1	0.48	0.07	0.36	1.01	129	28.84	136	89	44	0	0	2	0	
WA SPOKANE	79	52	93	47	66	5	0.07	-0.10	0.06	0.16	46	13.07	123	72	27	1	0	2	0	
WA YAKIMA	81	48	91	43	66	3	0.09	0.01	0.06	0.10	53	5.63	116	79	30	1	0	2	0	
WV BECKLEY	73	56	80	48	64	0	0.66	-0.14	0.68	3.24	204	42.67	141	96	64	0	0	1	1	
WV CHARLESTON	77	60	83	51	68	-1	1.17	0.40	1.16	3.36	212	42.96	138	97	60	0	0	2	1	
WV HUNTINGTON	78	60	84	50	69	2	0.84	-0.13	0.63	1.16	73	38.36	121	96	58	0	0	2	1	
WV PARKERSBURG	75	58	82	48	66	-2	0.67	-0.03	0.67	2.46	170	37.27	120	97	58	0	0	1	1	
WI GREEN BAY	70	49	80	41	60	-1	0.32	-0.52	0.32	0.32	19	18.74	86	96	60	0	0	1	0	
WI LACROSSE	73	52	86	41	63	0	0.14	-0.79	0.00	0.14	7	19.59	84	94	46	0	0	0	0	
WI MADISON	71	50	81	41	60	-2	0.23	-0.68	0.23	0.23	13	23.84	99	98	58	0	0	1	0	
WI MILWAUKEE	72	56	83	50	64	1	0.00	-0.81	0.00	0.00	0	16.74	66	87	57	0	0	0	0	
WI WAUSAU	67	50	79	38	59	0	0.20	-0.86	0.10	0.34	16	25.81	104	93	52	0	0	3	0	
WY CASPER	81	46	88	39	63	4	0.00	-0.22	0.00	0.02	5	6.96	73	79	27	0	0	0	0	
WY CHEYENNE	73	51	84	49	62	3	1.19	0.88	1.08	1.40	216	13.83	114	93	38	0	0	2	1	
WY LANDER	81	62	87	48	67	7	0.03	-0.22	0.03	0.03	7	6.43	86	75	20	0	0	1	0	
WY SHERIDAN	84	48	89	46	67	8	0.00	-0.32	0.00	0.00	0	9.44	86	66	23	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

September 9 - 15, 1996

HIGHLIGHTS

Temperatures averaged 3 to 6 degrees above normal in the Northwest and Northeast, and normal to 6 degrees below normal elsewhere. In the Midwest, warmer weather is needed to speed the maturity of late-planted crops. On September 14, light, scattered frost occurred in low-lying areas of eastern North Dakota, Minnesota, and northern Iowa. Damage is unknown at this time. Early in the week, remnants of Hurricane Fran brought rain across the Great Lakes and the Northeast, which brought relief to crops on dry soils. By midweek, a cold front brought rain to

the Middle Atlantic and Southeastern States, which delayed harvest and planting activities. Rains, preceding Hurricane Fausto, also fell across the Southwest at midweek, causing planting and harvesting delays, as well as some problems for the cotton crop. At the end of the period, the remnants of Hurricane Fausto brought more rains to the Southwest and South. Heavy rains also fell over the Northeast as another cold front moved across the region. A Pacific storm brought rains to the Northwest at week's end.

The **winter wheat** crop in the 19 major producing States was 15 percent (%) planted, up 8 percentage points from the previous week but 3 points behind the 5-year average. Good planting progress was made in Colorado, Nebraska, South Dakota, Texas, and Washington. In Nebraska, producers were concerned about grasshopper populations in some newly seeded fields. In Texas, planting continued as conditions allowed. Some greenbug and armyworm problems occurred in emerged fields. Recent rains should improve planting prospects. However, cool weather has slowed emergence.

Spring wheat harvested for the five major producing States was 91% complete, up 8 points from last week and 12 points ahead of the average. Spring wheat harvest activity was ahead of the average in all five States, with Montana and North Dakota 23 and 11 points ahead, respectively.

Corn remained in mostly good to fair condition, with 96% of the crop completing the dough stage for the 17 major producing States, up 8 points from the previous week, and 1 point ahead of the average. Corn denting, at 73% complete, was up 21 points from the previous week but 8 points behind the average, while corn mature, at 20% complete, lagged the average by 17 points. Corn harvested at 4%, was 3 points behind the average. Corn denting progress lagged the average by at least 10 points in the eastern Corn Belt and the upper Great Lakes region. In Ohio, denting progress was 45 points behind the average. Corn maturity in the Corn Belt averaged 18 points behind the 5-year average. Corn harvest was at or behind the average in all States except Missouri, North Carolina, and Pennsylvania. Some minor, light, scattered frost was reported in mostly low-lying areas of Minnesota, northern Iowa, and parts of North Dakota.

Cotton bolls opening was 61% complete, up 9 points from last week and 7 points ahead of the average. Cotton condition

improved slightly from the previous week but remained mostly good to fair for the 14 major producing States. Boll rot was a problem in some late-planted fields in Mississippi. In Texas, cool conditions slowed crop maturity in the plains. Rainfall slowed harvest and caused some quality problems in south-central areas and possibly in the upper coast of Texas.

Rice harvested for the five major producing States was 52% complete, up 19 points from the previous week and 11 points ahead of normal. Rice condition remained mostly good to excellent. Favorable conditions allowed the harvest to advance rapidly in Arkansas and Mississippi. High winds caused some lodging in rice fields in Arkansas. In California, producers delayed harvest as they waited for the crop to dry down more.

Sorghum condition for the 12 major producing States remained mostly good to fair with sorghum turning color at 85% complete, up 16 points from the previous week, and 9 points ahead of the average. The acreage of sorghum mature at 36% was 8 points ahead of last week but 2 points behind normal. Acreage harvested, at 23%, was 2 points behind average. Kansas reported serious corn earworm problems in some southwestern fields. Wet fields delayed harvest in north-central Texas. Cool conditions delayed crop maturity in parts of Texas. In Nebraska, sorghum maturity, at 2%, was 22 points behind the average.

Soybeans condition remained mostly good to fair with soybeans dropping leaves 17% complete, up 9 points from last week, but 12 points below the average. Dropping leaves progress from Nebraska to Ohio was 25 points behind average. In Illinois, light, scattered rains provided the crop with some moisture for pod filling, but warmer weather was needed to promote crop development.

Crop Progress and Condition

Week Ending September 15, 1996

Soybeans Percent Dropping Leaves

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AL	13	7	27	18
AR	18	15	11	9
GA	18	9	15	20
IL	9	2	21	36
IN	15	7	43	41
IA	7	0	19	26
KS	32	20	14	33
KY	12	7	18	21
LA	48	29	34	24
MI	7	3	42	30
MN	24	10	32	26
MS	50	48	43	23
MO	12	2	6	19
NE	8	1	9	31
NC	11	3	9	10
OH	14	4	46	51
SC	4	2	1	2
SD	56	35	33	44
TN	15	8	20	15
ALL	17	8	24	29

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

Winter Wheat Percent Planted

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AR	1	0	0	1
CA	0	0	0	0
CO	38	17	19	31
GA	0	0	1	1
ID	12	3	13	15
IL	0	0	0	1
IN	1	0	1	3
KS	6	3	5	12
MI	3	2	7	11
MO	1	0	2	2
MT	4	3	5	11
NE	25	11	32	36
NC	2	0	2	3
OH	1	0	2	1
OK	10	3	12	20
OR	2	0	5	7
SD	27	8	42	43
TX	29	10	21	24
WA	61	40	47	41
ALL	15	7	13	18

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

Corn Percent Dough

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
CO	100	96	87	89
GA	100	100	100	100
IL	96	88	100	97
IN	95	88	100	100
IA	94	84	99	92
KS	100	100	99	100
KY	100	100	100	100
MI	88	*65	100	86
MN	99	99	99	93
MO	100	100	97	99
NE	100	96	99	99
NC	100	100	100	99
OH	92	79	100	100
PA	90	75	99	94
SD	96	84	97	92
TX	100	100	100	100
WI	86	71	100	84
ALL	96	88	99	95

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

Corn Percent Dented

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
CO	88	63	50	67
GA	100	100	100	100
IL	75	56	90	88
IN	62	42	92	90
IA	77	51	90	78
KS	97	88	83	89
KY	94	91	98	97
MI	40	*16	91	61
MN	76	46	89	71
MO	98	94	74	89
NE	80	55	80	85
NC	100	100	100	98
OH	43	22	92	88
PA	63	41	81	64
SD	72	44	78	71
TX	100	99	95	97
WI	46	28	94	64
ALL	73	52	88	81

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

Corn Percent Mature

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
CO	9	0	1	15
GA	98	98	100	100
IL	22	8	39	44
IN	20	9	42	39
IA	16	4	40	40
KS	60	38	27	60
KY	50	35	73	70
MI	2	0	30	19
MN	9	3	25	18
MO	63	50	35	55
NE	6	1	9	31
NC	98	95	98	92
OH	2	0	22	25
PA	20	7	41	18
SD	14	6	13	30
TX	85	75	82	78
WI	5	3	49	25
ALL	20	11	35	37

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

Corn Percent Harvested

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
CO	0	NA	0	0
GA	71	NA	89	80
IL	1	NA	2	6
IN	1	NA	5	4
IA	1	NA	3	3
KS	10	NA	3	17
KY	14	NA	29	16
MI	0	NA	1	2
MN	0	NA	1	0
MO	17	NA	15	16
NE	0	NA	0	3
NC	47	NA	59	40
OH	0	NA	1	2
PA	4	NA	5	2
SD	1	NA	0	2
TX	63	NA	69	65
WI	0	NA	0	0
ALL	4	NA	6	7

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

Crop Progress and Condition

Week Ending September 15, 1996

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AR	99	96	98	95
CO	81	67	73	58
IL	80	39	53	78
KS	85	65	60	68
LA	100	100	100	98
MS	100	99	95	96
MO	84	72	66	81
NE	76	45	64	74
NM	54	30	38	51
OK	85	70	66	76
SD	86	72	67	60
TX	91	85	92	87
ALL	85	69	72	76

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

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AR	87	64	85	79
CO	12	10	0	10
IL	13	3	5	28
KS	25	13	4	16
LA	99	90	90	89
MS	97	90	86	83
MO	33	26	37	42
NE	2	0	3	24
NM	0	0	1	7
OK	26	24	12	18
SD	28	23	12	21
TX	66	62	81	76
ALL	36	28	31	38

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

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AR	55	NA	53	49
CO	0	NA	0	1
IL	0	NA	0	2
KS	6	NA	0	4
LA	82	NA	64	68
MS	81	NA	62	53
MO	8	NA	16	13
NE	0	NA	0	2
NM	0	NA	0	0
OK	6	NA	3	4
SD	0	NA	0	1
TX	60	NA	70	69
ALL	23	NA	24	25

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

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AL	54	42	65	48
AZ	99	95	95	91
AR	71	64	73	52
CA	95	75	53	74
GA	67	57	76	56
LA	94	82	89	84
MS	93	84	91	76
MO	60	48	55	49
NM	75	70	54	50
NC	63	43	65	61
OK	25	16	7	24
SC	62	39	56	63
TN	78	59	68	61
TX	35	34	42	39
ALL	61	52	60	54

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

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AL	13	4	23	22
FL	24	6	NA	NA
GA	8	2	29	19
NC	1	0	2	1
OK	1	0	1	1
SC	13	10	20	12
TX	1	0	5	7
VA	1	0	14	4
ALL	7	2	18	13

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

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
ID	92	81	82	86
MN	90	82	92	90
MT	95	85	74	75
ND	97	91	94	91
SD	100	100	100	100
WA	99	90	98	96
ALL	95	87	88	87

These 6 States produced 82% of the 1995 barley crop.

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
ID	93	85	84	84
MN	85	77	96	83
MT	95	88	77	72
ND	90	79	83	79
SD	100	100	100	98
ALL	91	83	85	79

These 5 States produced 96% of the 1995 spring wheat crop.

	Sep 15 1996	Prev Week	Prev Year	5-Yr Avg
AR	41	15	36	31
CA	5	0	1	3
LA	88	76	83	76
MS	62	25	72	38
TX	92	85	80	80
ALL	52	33	48	41

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

	VP	P	F	G	EX
AL	0	3	15	72	10
AR	3	13	29	39	16
GA	1	4	25	52	18
IL	6	18	41	31	4
IN	6	16	43	31	4
IA	1	6	27	50	16
KS	0	1	17	58	24
KY	1	4	30	56	9
LA	0	2	27	63	8
MI	10	20	37	30	3
MN	1	10	41	42	6
MS	1	4	25	57	13
MO	3	14	33	40	10
NE	0	3	20	54	23
NC	0	1	45	52	2
OH	4	16	42	33	5
SC	0	5	28	53	14
SD	0	6	28	48	18
TN	0	5	19	56	20
ALL	3	11	33	42	11
Prev Wk	3	11	31	44	11
Prev Yr	3	12	36	41	8

Crop Progress and Condition

Week Ending September 15, 1996

Corn Crop Condition by Percent					
	VP	P	F	G	EX
CO	3	5	10	57	25
GA	2	7	41	44	6
IL	5	12	34	40	9
IN	4	15	40	37	4
IA	1	4	24	51	20
KS	2	2	14	56	26
KY	1	5	22	58	14
MI	11	21	43	22	3
MN	2	9	36	44	9
MO	0	6	28	48	18
NE	1	2	15	56	26
NC	10	27	7	45	11
OH	5	16	40	35	4
PA	0	3	15	55	27
SD	0	5	20	55	20
TX	0	5	10	41	44
WI	1	6	30	51	12
ALL	3	8	28	46	15
Prev Wk	3	9	26	47	15
Prev Yr	2	9	34	46	9

Rice Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	2	16	54	28
CA	0	0	20	60	20
LA	0	2	17	72	9
MS	0	3	21	58	18
TX	0	0	6	61	33
ALL	0	2	16	59	23
Prev Wk	0	2	17	60	21
Prev Yr	0	4	36	49	11

Sorghum Crop Condition by Percent					
	VP	P	F	G	EX
AR	0	10	39	44	7
CO	0	5	11	62	22
IL	6	7	27	56	4
KS	0	1	12	60	27
LA	0	1	35	61	3
MS	0	8	29	55	8
MO	2	7	34	47	10
NE	1	1	12	58	28
NM	25	27	31	15	2
OK	0	4	18	76	2
SD	0	5	25	61	9
TX	0	8	36	42	14
ALL	1	5	22	53	19
Prev Wk	1	4	19	58	18
Prev Yr	3	14	31	47	5

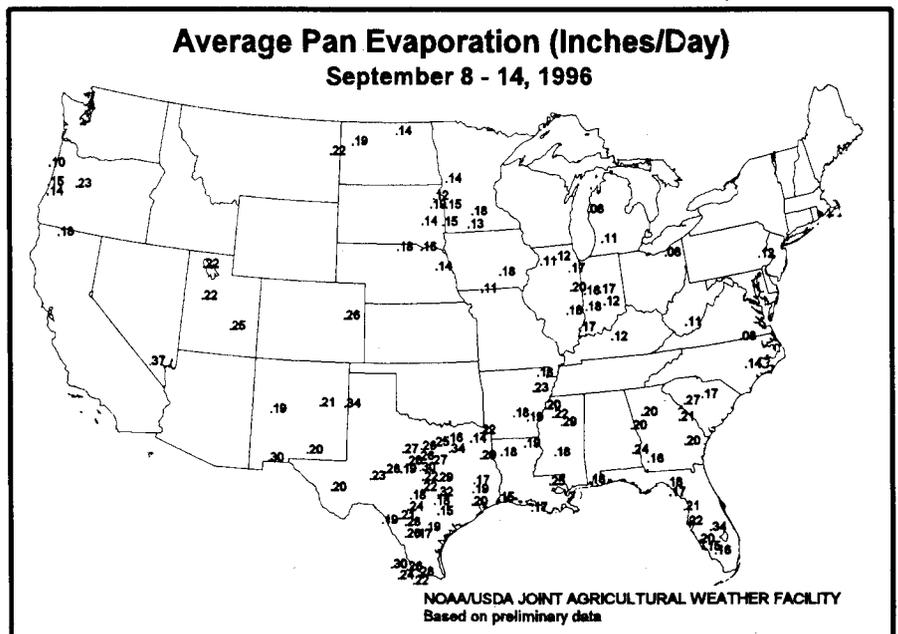
Peanuts Crop Condition by Percent					
	VP	P	F	G	EX
AL	0	4	54	40	2
FL	0	9	12	34	45
GA	2	10	39	39	10
NC	0	21	25	54	0
OK	0	4	32	52	12
SC	1	8	30	56	5
TX	0	5	34	47	14
VA	0	5	33	50	12
ALL	1	9	36	43	11
Prev Wk	1	7	36	47	9
Prev Yr	NA	NA	NA	NA	NA

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

* Revised

Cotton Crop Condition by Percent					
	VP	P	F	G	EX
AL	2	2	24	63	9
AZ	1	2	23	39	35
AR	0	5	31	48	16
CA	0	0	10	60	30
GA	2	11	26	52	9
LA	0	4	27	64	5
MS	1	2	30	52	15
MO	0	12	28	51	9
NM	1	10	25	58	6
NC	0	11	28	58	3
OK	1	19	31	46	3
SC	2	5	28	60	5
TN	0	2	20	63	15
TX	5	18	35	31	11
ALL	2	10	29	46	13
Prev Wk	4	10	29	44	13
Prev Yr	3	15	40	38	4

National crop conditions for selected States are weighted based on 1995 planted acres.



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/inwf>.

ALABAMA: Days suitable for fieldwork 5.2. Topsoil 11% short, 86% adequate, 3% surplus. Corn mature 97%, 96% 1995, 98% avg.; harvested 57%, 68% 1995, 58% avg.; 1% very poor, 3% poor, 37% fair, 55% good, 4% excellent. Livestock 3% poor, 29% fair, 59% good, 9% excellent. A few fields of cotton were picked, but peak harvest is still several weeks away. Rains delayed peanut harvest.

ALASKA: Days available for harvesting grain and hay 3.5, 6 days suitable for harvesting potatoes. Topsoil 10% short, 85% adequate, 5% surplus. Subsoil 25% short, 75% adequate. Barley harvest 20% complete, compared to 80% 1995. Second crop hay harvest was 30% complete, 5% ahead of 1995. Commercial potato harvest was 50% complete, compared to 75% 1995. Livestock were in mostly good to excellent shape.

ARIZONA: Defoliation increasing in cotton fields, condition continues to decline. Harvest 6%, 4% 1995, 6% avg. Alfalfa quality continues improving. Harvest 11% light, 14% moderate, 48% active, 27% not being harvested at this time. Condition 3% poor, 24% fair, 42% good, 31% excellent. Corn for grain harvest is active in eastern parts of the State. Central growers continued to harvest cantaloupe, honeydew, watermelons. Eastern growers harvested chili peppers, as well as apples, pistachios. Lemon harvest continued in central, western areas.

ARKANSAS: Days suitable for fieldwork 7. Soil moisture 15% very short, 39% short, 46% adequate. Main farming activities: Defoliating cotton, irrigating soybeans, draining rice fields, preparing for winter annuals planting, harvesting cotton, rice, corn, sorghum, soybeans, hay. Soybean irrigation continued in many counties. Soybean harvest proceeded in several counties. Drought conditions caused some soybeans to deteriorate in Faulkner County. Lime applications were again applied to early soybeans in Conway County. Several counties reported cotton defoliation. Cotton harvest was reported by numerous counties. Mississippi County reported cotton ginning was underway. Prairie County reported salt was applied to rice fields to aid in harvest. High winds caused some rice fields to lodge in Craighead County. Rice fields continued to be drained in preparation for harvest in numerous counties. Rice, corn, sorghum harvests continued in several counties. Livestock remained in good condition across State. Hay harvest progressed.

CALIFORNIA: Field activities progressed normally in most areas, despite scattered light rain late in the week. Small grain fields were burned, disced, pre-irrigated in preparation for planting. Oats and winter forage mixes were seeded in the San Joaquin Valley, some early planted fields were emerging. Rice harvest slowly picked up speed. Many growers were waiting for lower moisture content before harvesting. Cool weather hindered growth in the Sacramento Valley. Cotton was sprayed for aphids, lygus, mites, worms, white flies. Defoliation gained momentum in the San Joaquin Valley. Harvest was active in the desert counties. Grain sorghum was sprayed for aphids. Alfalfa, corn were treated for armyworms. Dry beans, safflower, seed alfalfa, sugar beets, corn for grain or silage were harvested. Alfalfa, sudan grass were cut for hay or green chopped. Grape harvest was active. Approximately 39% of the raisin crop was on trays, with 47% rolled, 14% picked up. Fresh grape varieties picked include Thompson Seedless, Flame Seedless, Ruby Seedless. Harvest of grapes for wine use continued. Prune harvest was active. Granny Smith, Fuji variety apples were picked. Almond harvest was in full swing, while the early variety walnut harvest began in the San Joaquin Valley. Fig harvest continued. Valencia orange picking gained momentum. Grapefruit, lemon harvests were active. New crop navel oranges were progressing well. Some strawberries were blooming in the San Joaquin Valley. Broccoli, cauliflower were harvested along the coast. Carrots in Kern County were planted, harvested. Garlic harvest in Kings County was winding down. Celery was harvested in Monterey, Ventura, San Luis Obispo Counties. Melon harvest decreased in the San Joaquin, Sacramento Valleys. Pumpkins were sprayed for aphids, worms. Onions were

harvested along the coast. Bell, chili peppers were harvested in the San Joaquin Valley. Harvest of sweetpotatoes progressed in Merced County. Processing tomatoes were harvested in the San Joaquin, Sacramento Valleys. Fresh market tomato harvesting continued. Lettuce was harvested along the coast. Fall lettuce fields were planted, irrigated in the San Joaquin Valley. Fall vegetables were sprayed for white flies. Winter vegetables were planted in the Imperial Valley. Cooler weather helped stabilize production in the poultry, dairy industry. Supplemental feeding of hay, nutrients to cattle increased as feed supplies declined. Fall calving began. Sheep were grazing melon fields.

COLORADO: Days suitable for fieldwork 5.4. Topsoil 5% very short, 22% short, 66% adequate, 7% surplus. Subsoil 12% very short, 22% short, 64% adequate, 2% surplus. Spring barley 99% harvested, 69% 1995, 79% avg. Oats 86% harvested, 61% 1995, 77% avg. Dry onions 77% harvested, 54% 1995, 59% avg. Spring wheat 91% harvested, 62% 1995, 59% avg. Corn silage 42% harvested, 4% 1995, 16% avg. Sugar beets 1% very poor, 2% poor, 18% fair, 63% good, 16% excellent. Summer potatoes 63% harvested, 54% 1995, 69% avg. Fall potatoes 17% harvested, 2% 1995, 7% avg.; 1% very poor, 4% poor, 7% fair, 68% good, 20% excellent. Sorghum 100% headed, 94% 1995, 89% avg. Dry beans 60% cut, 26% 1995, 47% avg.; 43% harvested, 10% 1995, 28% avg.; 6% very poor, 12% poor, 15% fair, 53% good, 14% excellent. Alfalfa hay 53% 3rd cutting, 50% 1995, 46% avg.; 3% very poor, 6% poor, 21% fair, 55% good, 15% excellent. Rain occurred in the eastern part of the State almost everyday which favored some crops, slowed development, harvest activities for other crops.

DELAWARE: Days suitable for fieldwork 4.2. Topsoil 18% short, 80% adequate, 2% surplus. Subsoil 27% short, 73% adequate. Corn 2% poor, 9% fair, 84% good, 5% excellent; 94% dent, 98% 1995, 94% avg.; 44% mature, 86% 1995, 56% avg.; 8% harvested for grain, 31% 1995, 15% avg.; 53% harvested for silage, 90% 1995, 75% avg. Soybeans 2% poor, 34% fair, 62% good, 2% excellent; 84% setting pods, 98% 1995, 93% avg.; 8% turned, 34% 1995, 21% avg. Sorghum 32% fair, 64% good, 4% excellent; 34% turning color, 67% 1995, 41% avg.; 5% mature, 44% 1995, 17% avg. Sweet corn 95% harvested, 99% 1995, 97% avg. Potatoes 95% harvested, 98% 1995, 92% avg. Tomatoes 95% harvested, 97% 1995, 93% avg. Watermelons 94% harvested, 98% 1995, 98% avg. Lima beans 57% harvested, 59% 1995, 56% avg. Apples 8% fair, 88% good, 4% excellent; 49% harvested, 44% 1995, 40% avg. Alfalfa hay 88% 3rd cutting, 100% 1995, 100% avg.; 31% 4th cutting, 46% 1995, 47% avg. Other hay 84% 3rd cutting, 88% 1995, 73% avg, 18% 4th cutting, 8% 1995, 15% avg. Hay supplies 2% very short, 31% short, 67% adequate. Activities: Harvesting vegetables, hay, corn for grain, silage.

FLORIDA: Topsoil mostly short to adequate throughout State. Peanut harvest is 24% complete. Tobacco marketing is active. Corn for grain harvest is active. Haying active. Growers starting to pick cotton. Peanuts poor 9%, fair 12%, good 34%, excellent 45%. Wet fields delayed vegetable planting in some southern Peninsula localities during first part of week. Most vegetable activity back on schedule during later part of week. Citrus groves, trees, new crop fruit very good to excellent condition. Moisture adequate, new growth on most young trees, some irrigation. Testing fruit for early harvest continues. Some early fruit shipped this week. Caretakers cutting cover crops, herbiciding, spraying, adding soil amendments. Pasture feed fair 30%, good 70%. Armyworms in west-central pastures. Recent rainfall southwest helped grass growth; however, too much rain has created flooding conditions same area. Condition of cattle herds fair 15%, good 80%, excellent 5%.

GEORGIA: Days suitable for fieldwork 5.6. Soil moisture 4% very short, 22% short, 66% adequate, 8% surplus. Cotton 5% harvested, 8% 1995, 3% avg. Hay 5% poor, 29% fair, 62% good, 4% excellent. Peanuts 18% dug, 49% 1995, 33% avg. Rye 2% planted, 3% 1995, 2% avg. Sorghum 4% very poor, 5% poor, 39% fair, 48% good, 4% excellent; 29% harvested for grain, 33% 1995, 39% avg. Soybeans

96% setting pods, 100% 1995, 98% avg. Tobacco 96% harvested, 100% 1995, 99% avg. Other small grains 1% planted, 3% 1995, 2% avg. Apples 2% fair, 98% good; 27% harvested, 49% 1995, 49% avg. Pecans 1% very poor, 12% poor, 38% fair, 40% good, 9% excellent. Rains scattered, soil moisture down slightly from last week. Rains interfering with hay harvest some areas, dry few areas pasture, hay declining, farmers feeding hay to cattle on pastures. Disease in peanuts causing premature digging some areas. Activities: Spraying for insects in pecans, soybeans, cotton; defoliating cotton; mowing tobacco stalks; getting pecan orchards ready for harvest, checking peanuts for maturity.

HAWAII: Crops benefited from gradual improvement in weather. Papaya production relatively light. Banana production heavy, above year ago levels. Watermelon harvesting light. Tomato production light, good quality. Head cabbage supplies moderate to heavy, generally good quality. One sugarcane milled will close this week. Sugarcane condition varies. Kauai fields in good condition after recent rains. Maui fields in need of more water.

IDAHO: Days suitable for fieldwork 6.7. Topsoil 23% very short, 39% short, 38% adequate. Potatoes turning (vines senescing) 95%, 77% 1995, 94% avg.; vines dead/killed 54%, 55% 1995, 78% avg.; harvested 10%, 7% 1995, 11% avg.; 1% poor, 11% fair, 66% good, 22% excellent. Sugar beets harvested 1%, 1% 1995, 3% avg. Alfalfa hay harvested (3rd cutting) 53%, 43% 1995, 48% avg. Oats harvested for grain 82%, 61% 1995, 80% avg. Corn harvested for silage 21%, 16% 1995, 23% avg. Dry peas harvested 94%, 91% 1995, 92% avg. Dry beans harvested 51%, 26% 1995, 39% avg. Lentils harvested 84%, 62% 1995, 80% avg. Mint harvested 96%, 86% 1995, 96% avg. Hops harvested 62%, 68% 1995, 73% avg. Sweet corn harvested 92%, 63% 1995, 75% avg. Onions harvested 46%, 18% 1995, 42% avg. Apples harvested 7%, 8% 1995, 14% avg. Peaches harvested 86%, 76% 1995, 89% avg. Prunes, plums harvested 69%, 42% 1995, 75% avg. Pasture feed, range 3% very poor, 28% poor, 43% fair, 24% good, 2% excellent. Irrigation water supply 4% poor, 10% fair, 55% good, 31% excellent. Activities: Killing, rolling potato vines, seeding fall planted grains, applying fertilizer, harvesting small grains, alfalfa hay, onions, dry beans, silage corn.

ILLINOIS: Days suitable for fieldwork 6.4. Topsoil 17% very short, 48% short, 35% adequate. Corn harvest was underway last week in central, southern districts, only 1% of the crop had been harvested by 15th. Light, scattered rains throughout the State provided soybeans with some moisture, more is needed in most areas for pod filling. Northern districts still need warm weather to promote crop progress. Silage harvest began in the northern districts. Soybeans 34% turning yellow, 50% 1995, 68% avg. Soybeans 0% harvested, 1% 1995, 4% avg. Alfalfa 82% 3rd cutting, 89% 1995, 85% avg.

INDIANA: Days suitable for fieldwork 5.9. Topsoil 19% very short, 36% short, 43% adequate, 2% surplus. Subsoil 21% very short, 40% short, 38% adequate, 1% surplus. Portions of the State received rainfall last week, but many areas remain dry. Corn harvest gaining momentum, southwestern and some central areas. A few scattered soybean fields have been harvested. Corn in dent stage or beyond by region: 63% north, 61% central, 65% south. Tobacco harvest 60% complete, 61% 1995, 68% avg. Mint harvest nearing completion. Activities: Preparing equipment for fall harvest, preparing ground for winter wheat seeding, filling silos, cleaning grain bins, cutting hay, mint, mowing roadsides, care of livestock.

IOWA: Days suitable for fieldwork 5.7. Topsoil very short 6%, short 33%, adequate 58%, surplus 3%. Subsoil very short 5%, short 31%, adequate 60%, surplus 4%. Harvest getting underway across the State with seed corn harvest well underway. Several reporters mentioned that the moisture level of harvested corn (primarily seed corn) is in the upper 30s to lower 40s range. Comments on the condition of both corn, soybeans remain variable ranged from "crops look excellent" to "crops not as good as farmers thought." Northern districts report a frost occurring on the morning of the 14th. For the most part, only low lying areas appear to have been affected by the frost. The extent of damage to the crops in these areas is unknown. Soybeans leaves turning color 48%, 60% 1995, 59% avg. Alfalfa hay 3rd crop harvested 78%, 82% 1995, 75% avg. Clover hay 2nd crop harvested 92%, 100% 1995, 96% avg.

KANSAS: Days suitable for fieldwork 5.5. Topsoil 1% very short, 24% short, 72% adequate, 3% surplus. Subsoil 2% very short, 14% short, 81% adequate, 3% surplus. There have been many reports of serious infestations of corn earworms in sorghum, particularly in the southwestern quadrangle of the State. Fall crops remain mostly in good to excellent condition, are ahead of normal maturity. Harvest of fall crops is getting underway. Alfalfa cut the 3rd time 100% complete, 100% 1995, 99% avg. Alfalfa cut the 4th time 52% complete, 47% 1995, 47% avg. Activities: Seeding wheat, corn harvest, baling hay, cutting silage.

KENTUCKY: Cool, dry weather continues to delay crop progress. Pastures, late seeded crops stressed by lack of moisture. Days suitable fieldwork 5.3. Topsoil 17% very short, 38% short, 42% adequate, 3% surplus. Subsoil moisture 8% very short, 43% short, 46% adequate, 3% surplus. Burley tobacco cut 67%, 78%, 1995, 76% avg. Dark tobacco 75% cut. Most housed tobacco curing well, houseburn minimal in most areas. Tobacco in field 2% very poor, 8% poor, 37% fair, 46% good, 7% excellent. Early planted corn harvest in full swing in western, southern areas. Chopping silage also major activity. More rain, late frost needed for late soybeans to mature. Hay crops, pastures hurt by dry weather. Pasture feed 7% very poor, 16% poor, 36% fair, 35% good, 6% excellent. Some livestock receiving hay to supplement pasture.

LOUISIANA: Days suitable for fieldwork 6.0. Soil moisture 2% very short, 20% short, 72% adequate, 6% surplus. Corn 98% harvested, 95% 1995, 94% avg. Corn harvest was almost complete with only a few fields remaining. Cotton 5% harvested, 6% 1995, 5% avg. Cotton defoliation was in full swing with several producers harvesting. Hay 94% second cutting, 80% 1995, 74% avg. Many hay producers were reporting that their hay was of poor quality. Rice 99% ripe, 97% 1995, 92% avg. Rice producers were busy managing 2nd crop rice. Soybeans 74% turning color, 62% 1995, 47% avg.; 16% harvested, 11% 1995, 5% avg. Drier weather helped soybean farmers with control of aerial blight. Sugarcane 1% very poor, 8% poor, 23% fair, 50% good, 18% excellent; 34% planted, 78% 1995, 59% avg. Sweetpotatoes 5% poor, 20% fair, 68% good, 7% excellent; 32% harvested, 10% 1995, 32% avg. Livestock 3% poor, 23% fair, 67% good, 7% excellent. Vegetables 11% poor, 46% fair, 40% good, 3% excellent. Vegetable producers were harvesting cucumbers, greens. Pasture feed 3% poor, 24% fair, 65% good, 8% excellent.

MARYLAND: Days suitable for fieldwork 3.8. Topsoil 8% short, 68% adequate, 24% surplus. Subsoil 6% short, 76% adequate, 18% surplus. Corn 2% poor, 11% fair, 60% good, 27% excellent; 92% dough, 98% 1995, 96% avg.; 79% dent, 95% 1995, 87% avg.; 39% mature, 73% 1995, 55% avg.; 9% harvested for grain, 27% 1995, 15% avg.; 46% harvested for silage, 76% 1995, 52% avg. Soybeans 6% poor, 18% fair, 61% good, 15% excellent; 96% setting pods, 99% 1995, 96% avg.; 10% turning, 58% 1995, 32% avg. Sorghum 9% poor, 18% fair, 65% good, 8% excellent; 68% turning color, 65% 1995, 60% avg.; 8% mature, 38% 1995, 29% avg. Tobacco 91% harvested, 96% 1995, 75% avg. Sweet corn 89% harvested, 95% 1995, 97% avg. Tomatoes 94% harvested, 93% 1995, 94% avg. Watermelons 97% harvested, 93% 1995, 96% avg. Apples 1% poor, 16% fair, 64% good, 19% excellent; 23% harvested, 47% 1995, 36% avg. Alfalfa hay 42% fourth cutting, 78% 1995, 58% avg. Other hay 66% 3rd cutting, 71% 1995, 60% avg.; 10% 4th cutting, 34% 1995, 22% avg. Hay supplies 1% very short, 15% short, 80% adequate, 4% surplus. Activities: Harvesting vegetables, hay, corn for grain and silage.

MICHIGAN: Days suitable for fieldwork 5.0. Topsoil 15% very short, 39% short, 38% adequate, 8% surplus. Subsoil 29% very short, 34% short, 25% adequate, 12% surplus. Dry beans, leaves turning 88%, 99% 1995, 90% avg.; leaves shedding 55%, 92% 1995, 75% avg.; 9% very poor, 17% poor, 38% fair, 29% good, 7% excellent. All hay 3rd cutting 62%, 75% 1995, 60% avg.; all hay 4th cutting 6%, 15% 1995, 14% avg. All hay 7% very poor, 22% poor, 39% fair, 27% good, 5% excellent. Potatoes harvested 53%, 67% 1995, 54% avg. Pasture for feed 17% very poor, 31% poor, 37% fair, 13% good, 2% excellent.

MINNESOTA: Days suitable for fieldwork 5.8. Topsoil 22% very short, 29% short, 46% adequate, 3% surplus. Corn 99% dough, 99% 1995, 93% avg.; 76% denting, 89% 1995, 71% avg.; 9% mature, 25% 1995, 18% avg.; 0% harvested, 1% 1995, 0% avg.; 17% silage cut, 33% 1995, 17% avg. Soybeans 70% turning yellow, 75% 1995, 62% yr. avg.; 24% shedding leaves, 32% 1995, 26% avg.; 3% mature, 7% 1995, 6% avg. Spring wheat 85% harvested, 96% 1995, 83% avg.

Barley 90% harvested, 92% 1995, 90% avg. Rye 64% seeded, 57% 1995, 56% avg. Winter wheat 83% seeded, 49% 1995, 59% avg. Sweet corn 84% harvested, 76% 1995, 76% avg. Dry beans 35% harvested, 32% 1995, 38% avg. Potatoes 23% harvested, 18% 1995, 24% avg. Stubble plowed 57%, 43% 1995, 45% avg. Flax 18% harvested, 19% 1995, 34% avg. Sugar beets 5% harvested, 3% 1995, 2% avg. Pasture feed 14% very poor, 25% poor, 36% fair, 24% good, 1% excellent. Corn 2% very poor, 9% poor, 36% fair, 44% good, 9% excellent. Soybeans 1% very poor, 10% poor, 41% fair, 42% good, 6% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.5. Soil moisture 3% very short, 24% short, 71% adequate, 2% surplus. Corn 100% mature, 99% 1995, 95% avg.; 62% harvested, 72% 1995, 53% avg.; 97% silage harvested, 97% 1995, 89% avg.; 1% very poor, 4% poor, 25% fair, 58% good, 12% excellent. Soybeans 70% turning color, 69% 1995, 49% avg.; 50% shedding leaves, 43% 1995, 23% avg.; 20% harvested, 22% 1995, 6% avg.; 1% very poor, 4% poor, 25% fair, 57% good, 13% excellent. Wheat 1% planted, 0% 1995, 3% avg.; Hay (Warm Season) 94% harvested, 99% 1995, NA avg.; Peanuts 13% harvested, NA 1995, NA avg.; 3% fair, 97% good; Sweet-potatoes 31% harvested, 32% 1995, 39% avg.; 4% poor, 24% fair, 49% good, 23% excellent. Cattle 1% very poor, 3% poor, 22% fair, 67% good, 7% excellent. Pasture feed 1% very poor, 6% poor, 30% fair, 56% good, 7% excellent. Main farming activities: Harvesting row crops, hay. Corn harvested has been hampered by high moisture. Boll rot has emerged in late planted cotton. Cattlemen are planting winter grasses, insect activity is on the rise.

MISSOURI: Days suitable for fieldwork 6.0. Topsoil 14% very short, 37% short, 48% adequate, 1% surplus. Cold front moved into the State last week, bringing cooler weather along with needed precipitation. Farmers continued to make corn harvesting progress, recent cooler weather have slowed down the later stages of soybean, sorghum development. Generally speaking, the most favorable row-crop conditions are found across the northwestern, north-central, west-central, central areas of the State. Southwestern district leads the State with 80% of the corn crop harvested, followed by about 60% in the Bootheel. The corn crop is least advanced northeast, only 30% mature. Soybean turning color 35%, 4 days behind norm. Bootheel leads the State with 17% of the sorghum crop harvested. Pasture feed, range 11% very poor, 22% poor, 36% fair, 27% good, 4% excellent. Recent rainfall should be beneficial to pastures in the coming days.

MONTANA: Days suitable for fieldwork 6.0. Topsoil 50% very short, 40% short, 10% adequate. Subsoil 42% very short, 45% short, 13% adequate. Producers finishing up small grain harvest. Very little winter wheat seeding done, producers waiting for more moisture. Sugar beet, potato harvest just starting. Oats 92% harvested, 77% 1995, 75% avg. Corn for silage 29% harvested, 21% 1995, 35% avg. Sugar beets 1% harvested, 1% 1995, 2% avg. Dry beans 76% harvested, 47% 1995, 41% avg. Potatoes 0% harvested, 4% 1995, 3% avg. Alfalfa hay 2nd cutting 94% complete, 91% 1995, 87% avg. Cattle, calves moved from summer ranges, 16%. Sheep, lambs moved from summer ranges 12%.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil 18% short, 81% adequate, 1% surplus. Subsoil 16% short, 83% adequate, 1% surplus. Fall-like temperatures arrived last week with minimums in the low 40 degrees recorded in many areas. Corn 80% dent, 80% 1995, 85% avg.; 6% mature, 9% 1995, 31% avg.; harvest of high moisture corn, seed corn was underway, while silage cutting was in full swing. Soybeans 47% turning color, 41% 1995, 64% avg.; 8% dropping leaves, 9% 1995, 31% avg. Sorghum 76% turning color, 64% 1995, 74% avg.; 2% mature, 3% 1995, 24% avg. Dry beans 78% dropping leaves, 54% 1995, 27% harvested, 18% 1995. Alfalfa 2% very poor, 6% poor, 35% fair, 49% good, 8% excellent; 94% 3rd cutting, 94% 1995, 91% avg.; 13% 4th cutting, 14% 1995. Wheat 25% sown, 32% 1995, 36% avg.; reporters expressed concern of grasshopper populations in newly seeded wheat. Pasture, range 5% poor, 23% fair, 61% good, 12% excellent; Activities: Preparing equipment for harvest, silage cutting, seed corn harvest, soil preparation for fall seeded wheat, livestock care.

NEVADA: Oats harvest complete. Winter wheat, barley seeding underway. Silage corn harvest in full swing. Alfalfa 3rd cutting nearly complete north, 4th cutting underway west-central, 5th cutting in full swing extreme south. Alfalfa seed harvest continued in Humboldt, Pershing Counties. Sudan harvest continued extreme south. Potatoes harvesting in full swing. Onion harvest continued. Fields being prepared

for garlic planting. Livestock numbers remain high due to low prices. Range, pasture conditions continue seasonal decline. Drought persists south, forcing emergency round-up of wild horses, burros. Main farm, ranch activities: Haying, alfalfa seed harvest, potato digging, onion harvest, irrigating, fall planting.

NEW ENGLAND: Days suitable for fieldwork 4.9. Topsoil 2% very short, 13% short, 67% adequate, 18% surplus. Subsoil 3% very short, 13% short, 76% adequate, 8% surplus. Pasture feed 5% poor, 41% fair, 52% good, 2% excellent. Maine potatoes 10% harvested, 15% 1995, 15% avg.; condition good. Massachusetts potatoes 65% harvested, 50% 1995, 50% avg.; condition good/fair. Rhode Island potatoes 65% harvested, 50% 1995, 55% avg.; condition good/excellent. Maine oats 65%, 90% harvested 1995, 80% avg.; condition excellent/good. Maine barley 85%, 90% harvested 1995; condition excellent/good. Silage corn 10% harvested, 25% harvested 1995, 15% avg.; condition good/fair. Sweet corn 90% harvested, 95% 1995, 90% avg.; condition good. Shade tobacco 100% harvested, 100% 1995; condition good. Broadleaf tobacco 100% harvested, 99% 1995; condition good. First hay 99% harvested, 100% 1995, 100% avg.; condition good/fair. Second hay 80% harvested, 90% 1995, 90% avg.; condition good/excellent. Hay 3rd cut 50% harvested, 50% 1995, 45% avg.; condition good/excellent. Apples 25% harvested, 30% 1995, 25% avg.; size average; condition good/excellent. Peaches 95% harvested, 95% 1995; size average; condition good/excellent. Pears 40% harvested, 55% harvested 1995; size average; condition good. Cranberries <5% harvested, size average/above average, condition good/excellent. Highbush blueberries 99% harvested, 99% 1995, size average, condition good/excellent. Major farm activities: Potato vine killing; harvesting hay, early silage corn, harvesting late summer, early fall vegetables such as peppers, tomatoes, cabbage, tomatoes.

NEW JERSEY: Days suitable for fieldwork 5. Topsoil mostly adequate. Farmers were busy packing, shipping peaches, harvesting vegetable crops, hay. Good supply of green beans, peppers, eggplant available. Moderate volume of cabbage, cucumbers, sweet corn, squash (all types) tomatoes. Light, increasing volume of leafy greens, herbs, lettuce (all types), parsley available. Peach harvest is virtually complete. Apple harvest is increasing. Prospects for cranberry crop looks good. Soybeans are dropping leaves, have benefited from recent rains. Soybeans are dropping leaves. Harvesting of corn silage reported. Some harvesting of corn for grain reported. Pastures have improved.

NEW MEXICO: Days suitable for fieldwork 5.0. Soil 4% very short, 24% short, 64% adequate, 8% surplus. Two tropical systems from the Pacific brought rainfall, cooler weather to State. Winter wheat planting was 55% completed, condition 11% very poor, 15% poor, 30% fair, 41% good. Corn 8% very poor, 12% poor, 30% fair, 38% good, 12% excellent; corn dent stage 90%, with 52% mature. Cotton 1% very poor, 10% poor, 25% fair, 56% good, 6% excellent; cotton bolls opening 75%, 54% 1995, 50% avg. Sorghum 25% very poor, 27% poor, 31% fair, 15% good, 2% excellent; headed 79%, 91% 1995, 98% avg.; coloring 54%, 38% 1995, 51% avg. Alfalfa 2% very poor, 24% poor, 31% fair, 37% good, 6% excellent; 4th cutting 75% complete, 5th cutting 37% complete. Chile 15% fair, 80% good, 5% excellent; green chile harvest 68% complete. Lettuce 23% fair, 72% good, 5% excellent. Pecan 15% fair, 76% good, 9% excellent. Cattle 2% very poor, 7% poor, 37% fair, 50% good, 4% excellent; sheep 7% very poor, 20% poor, 43% fair, 29% good, 1% excellent. Range, pasture feed 7% very poor, 13% poor, 37% fair, 39% good, 4% excellent.

NEW YORK: Days suitable for fieldwork 5.6. Soil moisture 20% short, 70% adequate, 10% surplus. Pasture feed 71% fair, 29% good. Hay, corn fair to good condition. Alfalfa 3rd cutting 60% finished, 78% 1995, 64% avg. Silage corn 7% harvested, 19% 1995, 8% avg. Oats 92% harvested, 100% 1995, 94% avg. Dry bean harvest underway. Potato digging on limited basis. Vegetable harvest in full swing. Yield, quality good. Onion digging gained momentum. Apple harvest in high gear. Cool nights needed for good color. Peach harvest winding down. Pear harvest underway. Grape harvest active.

NORTH CAROLINA: Recovery has begun from hurricane Fran, the biggest agricultural disaster in State history. Preliminary damage assessments are valued at \$343 million for crops, \$4 million for livestock, \$279 million from damage to farm dwellings, structures, machinery, land, farm forestry. Days suitable for fieldwork 3.4. Soil moisture 36% adequate, 64% surplus. Hay 3rd cutting 53%, 44% 1995,

50% avg.; Corn silage harvested 75%, 71% 1995, 71% avg.; Flue-cured tobacco harvested 89%, 88% 1995, 80% avg.; Burley tobacco harvested 58%, 66% 1995, 55% avg.; Apples harvested 33%, 35% 1995, 43% avg.; Sorghum harvested 27%, 19% 1995, 22% avg. Crop condition: Tobacco 22% very poor, 16% poor, 45% fair, 17% good; Hay 4% very poor, 1% poor, 18% fair, 76% good, 1% excellent. Activities included: Repairing storm damage; cultivating crops; spraying for insects, weed control; spraying fungicide on peanuts; harvesting, marketing flue-cured tobacco; harvesting burley tobacco; harvesting corn, sorghum, vegetables, apples, sweetpotatoes; cutting, baling hay; maintaining pastures; tending livestock.

NORTH DAKOTA: Days suitable for fieldwork 7. Statewide soil moisture supplies decreased from a week ago, remained below last year and average. Topsoil 25% very short, 29% short, 44% adequate, 2% surplus. Subsoil 20% very short, 26% short, 51% adequate, 3% surplus. Harvest of small grains neared completion well ahead of last year and average. Durum 71% combined; 64% 1995; 63% avg. Late season crop development: Canola 61% combined; flaxseed 44% combined; 28% 1995; 32% avg.; corn for grain 25% ripe and beyond; 43% 1995; 29% avg.; dry edible beans 37% harvested; 33% 1995; 31% avg.; soybeans 44% mature/leaves dropping and beyond; 56% 1995; 48% avg.; sunflowers 39% bracts turned brown and beyond; 39% 1995, 28% avg.; potatoes 68% vines killed and beyond, 24% dug; 79% and 20%, 1995; 83% and 31% avg; sugar beets 5% lifted; 4% 1995; 4% avg. Conditions of corn, soybeans, sunflowers decreased from a week ago. Light frost damage along with continued grasshopper, blackbird problems are presumably the main cause. Crop condition: Canola 2% poor, 19% fair, 62% good, 17% excellent; flaxseed 4% poor, 25% fair, 62% good, 9% excellent; corn for grain 18% poor, 32% fair, 38% good, 12% excellent; corn for silage 1% very poor, 7% poor, 24% fair, 58% good, 10% excellent; dry edible beans 2% very poor, 7% poor, 30% fair, 53% good, 8% excellent; soybeans 30% poor, 33% fair, 33% good, 4% excellent; sunflower 3% poor, 21% fair, 58% good, 18% excellent; sugar beets 4% poor, 24% fair, 64% good, 8% excellent; potatoes 1% poor, 8% fair, 63% good, 28% excellent.

OHIO: Days suitable for fieldwork 5.3. Topsoil 21% very short, 28% short, 46% adequate. Alfalfa hay 3rd cutting 81%; 82% 1995; 83% normal. Other hay 3rd cutting 53%; 58% 1995; 55% normal. Processing tomato harvest advanced to 45% complete; 73% 1995; 65% normal. Apple harvest progressed to 35% complete. Potatoes dug is at 44%; 50% 1995; 50% normal. Some silage chopped, some corn harvested for grain, progress less than 0.5%. A few soybean fields harvested as well. Winter wheat seeding just beginning. Field preparations are very active. Tobacco harvest is in full swing; Pumpkin harvest is underway. Livestock 1% very poor, 4% poor, 26% fair, 58% good, 11% excellent. Fall calving season beginning.

OKLAHOMA: Days suitable for fieldwork 5.4. Topsoil 11% short, 81% adequate, 8% surplus. Subsoil 7% short, 90% adequate, 3% surplus. Wheat 79% seedbed prepared, 82% 1995, 86% avg.; 0% up-to-stand, 1% 1995, 3% avg.; oats 75% seedbed prepared, 69% 1995, 70% avg.; 12% planted, 7% 1995, 9% avg. Corn 61% mature, 73% 1995, 86% avg.; 29% harvested, 30% 1995, 47% avg. Soybeans 44% mature, 29% 1995, 32% avg.; 11% harvested, 9% 1995, 9% avg. Peanuts 34% mature, 11% 1995, 23% avg. Alfalfa 1% very poor, 3% poor, 30% fair, 60% good, 6% excellent; 73% 4th cutting, 72% 1995, 78% avg.; 12% 5th cutting, 11% 1995, 16% avg. Livestock 2% poor, 14% fair, 75% good, 9% excellent. Feeder steers, heifers were steady to \$1/cwt higher.

OREGON: Days suitable for fieldwork 6.8. Topsoil 26% very short, 49% short, 25% adequate. Subsoil 25% very short, 48% short, 27% adequate. Barley 89% harvested, 86% 1995, 86% average. Activities: Fall grains seeding full swing, some hay harvest continued, grain harvest winding down, east. Field preparation underway, red clover seed harvest continued, Willamette Valley. Nurseries continued irrigation, fall planting & digging underway, container movement underway. Klamath Basin potatoes 50% turned, 49% knocked down, 1% harvested. Central potato harvest nearing. Willamette Valley: Sweet corn harvest continued, cole crops, squash harvest continued, green bean harvest winding down. Apple harvest continued, Milton-Freewater district. Pear, apple harvest continued, Rogue River Valley, Hood River Valley, Willamette Valley. Willamette Valley: evergreen variety blackberry, blueberry harvest winding down, pruning, training canberries continued, hazelnut drop underway. Italian prune harvest started. Good cranberry development continued, southern coast.

Livestock good-excellent. Cooler conditions, light moisture helped fire conditions, eastern sections. Two frosts, Klamath Basin. Yearling movement to feedlots continued. Weekend rain helped western pasture feed, supplemental feed needed.

PENNSYLVANIA: Days suitable for fieldwork 3.7. Soil moisture 2% very short, 11% short, 58% adequate, 29% surplus. Corn silage harvest progressing slowly due to high moisture in plants. Some corn blown down from recent high winds, storms. Pasture, hay growth improved with recent rain storms. Continued to be difficult to make hay. More concern over late blight in potatoes. Ensilage corn harvest 17% complete, 47% 1995, 28% avg. Soybeans 1% poor, 13% fair, 59% good, 27% excellent. Wheat planted 18% complete, 4% 1995, 18% avg. Barley planted 17% complete, 7% 1995, 20% avg. Tobacco harvest 90% complete, 94% 1995, 81% avg. Potato harvest 43% complete, 37% 1995, 49% avg. Alfalfa 3rd cutting 71% complete, 68% 1995, 74% avg.; 4th cutting 29% complete, 20% 1995, 32% avg. Timothy clover 2nd cutting 90% complete, 84% 1995, 91% avg. Quality of hay made 4% very poor, 10% poor, 33% fair, 43% good, 10% excellent. Apple harvest 34% complete, 28% 1995, 36% avg. Peach harvest 89% complete, 89% 1995, 92% avg. Grape harvest 36% complete, 37% 1995, 38% avg. Fall plowing 38% complete, 22% 1995, 39% avg. Activities: Making hay and haylage; harvesting corn, corn silage, potatoes, fruits and vegetables; seeding barley, wheat and alfalfa.

SOUTH CAROLINA: Days suitable for fieldwork 5.4. Corn 67% harvested, 77% 1995, 68% avg.; 7% very poor, 19% poor, 29% fair, 33% good, 12% excellent. Hay 2% very poor, 7% poor, 36% fair, 48% good, 7% excellent. Sorghum 44% harvested, 33% 1995, 34% avg.; 3% poor, 60% fair, 27% good, 10% excellent. Sweetpotatoes 16% harvested, 8% 1995, 19% avg.; 6% poor, 62% fair, 31% good, 1% excellent. Tobacco 94% harvested, 95% 1995, 92% avg.; 44% stalks destroyed, 66% 1995, 53% avg.; 2% very poor, 28% poor, 47% fair, 17% good, 6% excellent. Peach harvest 100% complete, 100% 1995, 99% avg.; 30% very poor, 40% poor, 30% fair. Apples 55% harvested, 54% 1995, 51% avg.; 40% very poor, 24% poor, 20% fair, 16% good.

SOUTH DAKOTA: Days suitable for fieldwork 5.9. Topsoil 12% very short, 41% short, 47% adequate. Subsoil 9% very short, 37% short, 52% adequate, 2% surplus. Late-planted row crops need two to three more weeks to fully mature. Winter wheat seeding began to get into full-swing, remained well behind the normal pace. Corn silage harvested 11%, 7% 1995, 22% avg. Sorghum silage harvested 7%, 6% 1995, 21% avg. Soybeans 22% mature, 6% 1995, 19% avg. Sunflowers 96% flowers dry, 91% 1995, 88% avg.; 76% bracts yellow, 55% 1995, 67% avg.; 16% mature, 8% 1995, 21% avg. Sunflowers 8% poor, 20% fair, 56% good, 16% excellent. Winter rye 28% planted, 47% 1995, 44% avg. Livestock 1% poor, 10% fair, 73% good, 16% excellent.

TENNESSEE: Days suitable for fieldwork 6.0. Topsoil 20% short, 76% adequate, 4% surplus. Subsoil 1% very short, 19% short, 76% adequate, 4% surplus. Corn 92% mature, 85% 1995, 73% avg.; 33% grain harvested, 44% 1995, 23% avg.; 77% silage harvested, 94% 1995, 71% avg. Tobacco 73% burley harvested, 72% 1995, 74% avg.; 76% air-cured harvested, 82% 1995, 77% avg.; 72% dark fire-cured harvested, 79% 1995, 74% avg. Sorghum 11% fair, 75% good, 14% excellent; 88% turning color, 98% 1995, 94% avg.; 70% mature, 84% 1995, 68% avg.; 21% harvested, 34% 1995, 24% avg.

TEXAS: Cooler weather continued many areas last week. Rainfall scattered across southern, western, Plains areas. Harvest operations resuming very slowly as field conditions allowed. Warm, drier conditions needed for crops to continue mature, for harvest return full speed. Recent rain provided excellent growth in pastures across State. The increased growth provided good host for increasing armyworm populations, producers spraying as conditions allowed. Livestock conditions continued improve most areas. Supplemental feeding slowed.

Crops: Planting operations slowly increasing as soil conditions allowed. Greenbugs beginning increase in emerged fields. Armyworms also causing problems some areas. Recent rains should allow for good planting moisture. Cooler weather past couple weeks slowed emergence. 9% emerged, 6% 1995, 6% avg. Corn harvest in Plains expanding as fields drying; however, continued scattered shower activity kept overall progress minimal. Final harvest operations along Upper Coast further delayed by wet conditions; however, most fields completed. Cooler weather in Plains, north-central areas continued slow

sorghum maturing. Some fields harvested parts north-central; however, progress limited some areas because wet conditions. Some spraying for head worms occurred. Harvest winding down as conditions allowed south-central areas. Cooler weather continued slow maturing for cotton in Plains. Insect, weed control operations increased during week. Producers parts south-central continued fight regrowth on most fields. Rainfall caused quality loss. Harvest also slowed along Upper Coast where quality could also suffer from recent rains. Harvest in Coastal Bend nearing completion, however, wet fields slowed final operations. 16% harvested, 21% 1995, 20% avg. Final harvest operations delayed along Upper Coast for rice. Crop been very good to this point with good quality, little disease reported. Few fields dug north-central; however, progress slow due wet conditions for rice. Disease pressures increased some fields with rain. Rainfall has, however, benefited fields in south-central. Soybean harvest north-central fields slowly increasing as conditions allowed. Harvest along Upper Coast delayed late week. Fields in Plains making good progress. Other crops: Oats planted, 7%, 9% 1995, 9% avg. Sunflowers 8% harvested, 15% 1995, 15% avg.

Commercial Vegetables: Rio Grande Valley, recent rains provided much needed moisture; however, more needed as crops are emerging. Planting remained slow because of lack of water; however, recent rains could promote more planting. Citrus experienced good sizing. San Antonio-Winter Garden, a few fields of irrigated watermelons planted. Most land preparations mostly completed. East, sweetpotato harvest progressed slowly. Fall gardens look good at this point. High Plains, pepper harvest continued between showers. Pumpkins continued make good progress. Trans-Pecos, late cantaloup harvest continued. Pecans: Recent rains spawned increased insect activity. Producers busy spraying as conditions allowed. Webworms a problem many central Texas groves. Harvest nearing south groves where a good crop expected. However, most other areas expecting reduced crop.

Range and Livestock: Improved growth, greening occurred nearly all areas State. Armyworms increased many of these fields with treatment underway. Haying activity increased as fields dried. Livestock conditions improved. Hornflies continued a problem some areas. Supplemental feeding operations slowed with increased pasture growth. Fall shearing operations in full swing Hill Country.

UTAH: Days suitable for fieldwork 6.2. Topsoil 21% very short, 49% short, 29% adequate, 1% surplus. Subsoil 23% very short, 50% short, 27% adequate. Irrigation water supply 13% very short, 35% short, 52% adequate. Stock water 18% very short, 38% short, 42% adequate, 2% surplus. Winter wheat seeded 19%, 44% 1995, 44% avg. Winter wheat emerged 6%, 0% 1995, 7% avg. Oats harvested for grain 77%, 94% 1995, 87% avg. Corn in dough stage 72%, 61% 1995; dent stage 44%, 21% 1995; maturity 13%, 0% 1995, 34% avg.; harvested for silage 10%, 0% 1995, 18% avg. Onions harvested 40%, 29% 1995, 37% avg. Dry beans harvested 15%, 4% 1995. Potatoes harvested 30%, 1% 1995, 25% avg. Alfalfa hay 3rd cutting 77%, 63% 1995, 66% avg.; 4th cutting 11%, 0% 1995, 8% avg.; seed harvested 21%, 19% 1995, 49% avg. Peaches picked 87%, 88% 1995, 88% avg. Apples picked 26%, 26% 1995, 19% avg. Pears picked 80%, 79% 1995. Range, pasture feed 7% very poor, 34% poor, 46% fair, 13% good. Cattle moved from summer range 21%, 14% 1995, 22% avg. Sheep moved from summer range 13%, 13% 1995, 18% avg. Major farm, ranch activities: Harvesting grains, alfalfa, onions, peaches, and pears.

VIRGINIA: Days suitable for fieldwork 2.6. Topsoil 37% adequate, 63% surplus. Subsoil 52% adequate, 48% surplus. Corn 95% dough, 1995 99%, 100% avg.; 77% dent, 1995 88%, 89% avg.; 52% mature, 1995 74%, 73% avg.; 10% corn for grain harvested, 1995 36%, 29% avg.; 40% corn silage harvested, 1995 60%, 51% avg.; Soybeans 82% setting pods, 1995 96%, 98% avg.; 5% poor, 21% fair, 57% good, 17% excellent. Cotton 16% fair, 70% good, 14% excellent. Peanuts 1% dug, 1995 14%, 4% avg.; 0% combined, 1995 2%, 1% avg.; 5% poor, 33% fair, 50% good, 12% excellent. Fire cured tobacco 80% harvested, 86% 1995, 83% avg. Flue cured tobacco 60% harvested, 79% 1995, 71% avg. Burley tobacco 45% harvested, 69% 1995, 59% avg. Sun cured tobacco 75% harvested, 82% 1995, 80% avg. Livestock 8% fair, 77% good, 15% excellent. Pasture feed 10% fair, 60% good, 30% excellent. Summer apples 95% harvested, 99% 1995; Fall apples 15% harvested, 16% 1995; 6% very poor, 12% poor, 29% fair, 41% good, 12% excellent. Peaches 99% harvested, 100% 1995, 100% avg. Oats 2% seeded, 2% 1995, 5% avg. Activities: Farmers continue to deal with problems created by tropical storm Fran. Problems include lodging in field crops, flooded fields, lack of electricity early week, downed fences, fruit blown off trees. Tobacco harvest remains behind schedule, crop damaged by wind, heavy rain of Fran. Peach harvest virtually complete. Peanut digging just begun. Oats, barley seeding continues. Vegetable

work continues, includes harvesting, scouting for insects, tying tomatoes. Most areas adequate to surplus moisture; however, crops being irrigated Eastern Shore until mid-week rains arrived.

WASHINGTON: Days suitable for fieldwork 6.8. Topsoil 4% very short, 38% short, 57% adequate, 1% surplus; subsoil 43% short, 57% adequate. Winter wheat, dryland 6% fair, 84% good, 10% excellent; irrigated, 100% good. Barley, dryland 10% poor, 38% fair, 33% good, 19% excellent; irrigated, 100% good. Spring wheat, dryland 18% poor, 46% fair, 36% good; irrigated, 100% good. Winter wheat 99% harvested, 99% 1995, 99% avg. Spring wheat 99% harvested, 98% 1995, 97% avg. Barley 99% harvested, 98% 1995, 96% avg. Potatoes 30% harvested, 25% 1995, 29% avg. Potatoes 5% fair, 95% good. Dry beans 26% harvested, 36% 1995, 38% avg. Dry beans 100% good. Alfalfa seed harvest, mint second cutting continued. Hay, other roughage supplies, 1% short, 96% adequate, 3% surplus. Range, pasture feed, 20% poor, 38% fair, 37% good, 5% excellent. Alfalfa 3rd cutting 88%, 95% 1995, 85% avg. Corn silage 25% harvested, 14% 1995, 29% avg. East of the Cascades, fruit harvest was in full swing. Red Delicious, Golden Delicious, Gala apples were being picked. Bartlett pear harvest was winding down as D'Anjou, Bosc harvests were coming on. Lima beans, snap beans, sweet corn, onions were being harvested. Some melon damage was reported as evening temperatures dropped. West of the Cascades, blueberry harvest was nearly complete. Cranberries were nearly mature. Late season vegetable harvest continued. Oyster harvest was slowing down as seeding, bed operations were underway.

WEST VIRGINIA: Days suitable for fieldwork 3.8. Topsoil moisture 2% short, 73% adequate, 25% surplus. Agricultural producers, officials busy assessing impact of flooding caused by remnants of Hurricane Fran. Significant death losses to poultry reported due to flooding. Winter wheat 4% planted, 3% 1995. Hay 1% very poor, 2% poor, 29% fair, 60% good, 8% excellent; 2nd cutting 87%, 91% 1995, 86% avg.; 3rd cutting 39%, 54% 1995, 70% avg. Corn 1% very poor, 1% poor, 18% fair, 61% good, 19% excellent; 90% dough stage, 91% 1995, 93% avg.; 66% dent stage, 74% 1995; 20% mature stage, 54% 1995, 66% avg. Producers in heavily flooded counties assessing damage to crops, particularly corn. Fields normally harvested for grain may be harvested for silage or not at all. Soybeans 1% very poor, 2% poor, 16% fair, 74% good, 7% excellent; 98% setting pods, 97% 1995; 16% dropping leaves, 52% 1995. There were reports of some soybean fields in Eastern Panhandle being lost due to flooding. Tobacco 14% poor, 47% fair, 38% good, 1% excellent; 63% harvested, 69% 1995, 68% avg. Cattle 16% fair, 79% good, 5% excellent. Sheep 6% fair, 92% good, 2% excellent. Apples 100% fair. Apple harvest continued where conditions allowed. Activities: Clean up, assessing damage from Hurricane Fran continued; cutting and baling hay; harvesting tobacco; chopping silage.

WISCONSIN: Days suitable for fieldwork 6.0. Soil moisture 18% very short, 36% short, 39% adequate, 7% surplus. Many reporters statewide reported the need for rain. Dry conditions have been pushing soybeans to maturity, firing corn. Hay harvesting, corn chopping, fall tillage were some field activities this past week. Farmers have begun chopping corn for silage in most areas. Corn silo filling was 5% complete, compared to 25% 1995, 12% avg. One reporter from Eau Claire County commented that producers need to be watching the corn maturity levels closely. As of 15th, 3rd crop hay had been 72% completed, two days ahead of last year. Third crop hay was reported short in many areas of the State due to lack of moisture. A reporter from Manitowoc County noted that some haylage used silo space normally kept for corn silage. Soybean acreage had 53% which showed a change in the color of the leaves, 12% which started to shed leaves (compared to 65% changing color; 21% shedding leaves 1995). Soybeans 1% very poor, 7% poor, 40% fair, 48% good, 4% excellent. A reporter from Bayfield County wrote that the apple crop will be later than usual, yield about 60% of the normal quantity. Apples in Rock County looked good, still need rain.

WYOMING: Days suitable for fieldwork 6.3. Topsoil 17% very short, 54% short, 29% adequate or surplus. Barley 95% harvested, 95% 1995, 91% avg. Oats 86% harvested, 86% 1995, 83% avg. Spring wheat 96% harvested, 88% 1995, 85% avg. Dry beans 93% windrowed, 71% 1995, 70% avg.; 66% combined, 37% 1995, 32% avg.; good to excellent condition. Corn 93% dented, 52% 1995, 59% avg.; 58% mature, 13% 1995, 16% avg.; good condition, silage 54% harvested, 27% 1995, 35% avg. Alfalfa 2nd cutting 95% harvested, 91% 1995, 94% avg.; 3rd cutting 34%, 26% 1995, 34% avg. Winter wheat seeding for 1997 harvest continues, good condition.

International Weather and Crop Summary

September 8 - 14, 1996

HIGHLIGHTS

FSU-WESTERN: Wet weather in Ukraine and Russia delayed summer crop maturation and harvesting but provided topsoil moisture for winter grain emergence.

FSU-NEW LANDS: Persistently cool, damp weather in parts of Russia delayed spring grain harvesting, while several days of dry weather helped harvesting in Kazakhstan.

EUROPE: Planting preparations for 1997 winter grain crops were underway throughout the region.

AUSTRALIA: Scattered showers covered western and southeastern winter grain areas, but in the east, lingering patchy frost inhibited development.

CANADA: Frost and subfreezing temperatures were scattered throughout the Prairies, but caused limited damage to immature grains and oilseeds.

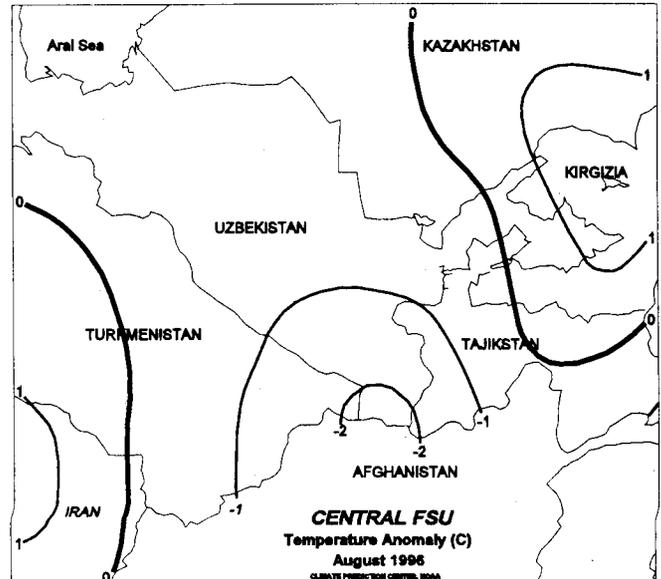
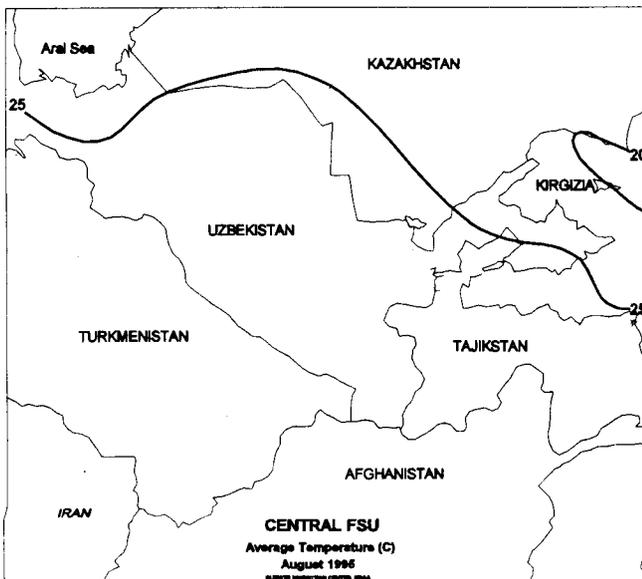
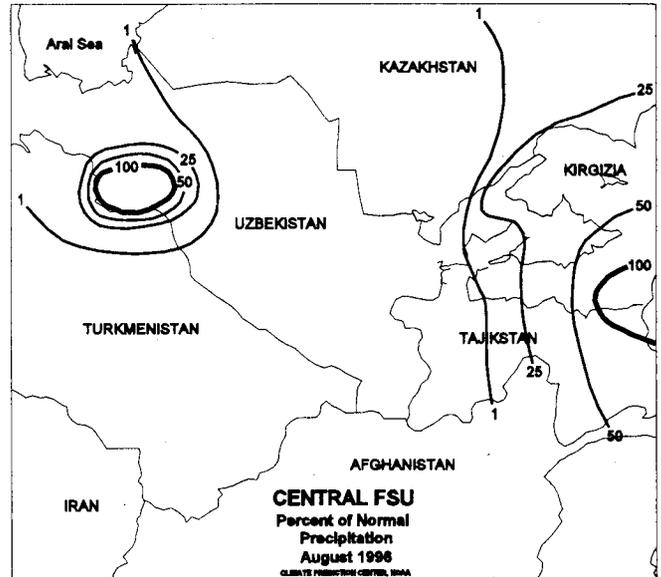
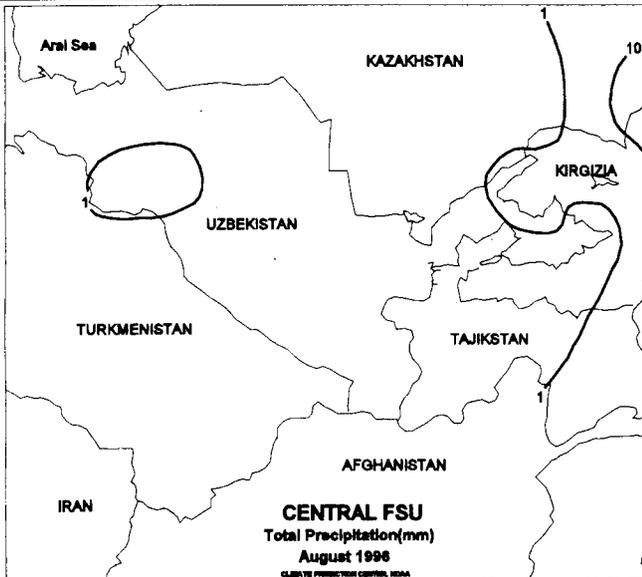
SOUTH ASIA: The monsoon was active across the region, producing highly variable rainfall in major grain, oilseed, and cotton areas.

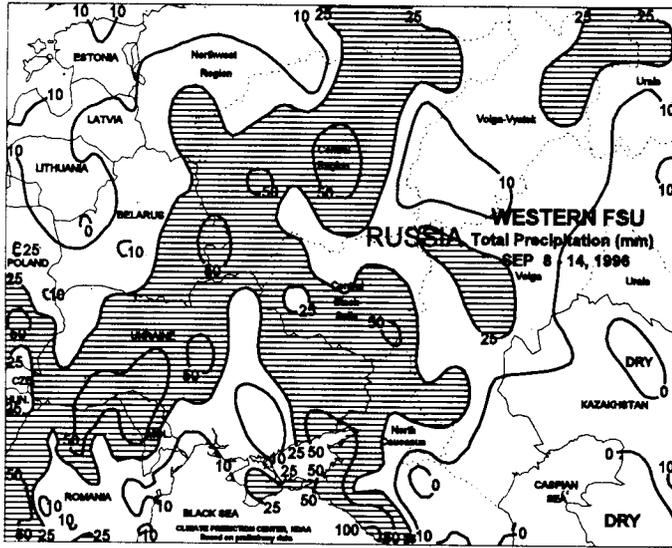
SOUTHEAST ASIA: Tropical cyclones produced wet weather across Indochina and the Philippines, slowing rice maturation and harvesting.

EASTERN ASIA: Scattered rain slowed summer crop harvesting across the North China Plain and Manchuria. Mostly warm, sunny weather favored rice maturation and harvesting across southern China.

SOUTH AMERICA: In Argentina, cool, dry weather continued to stress winter wheat. In southern Brazil, widespread rain benefited winter and summer crops.

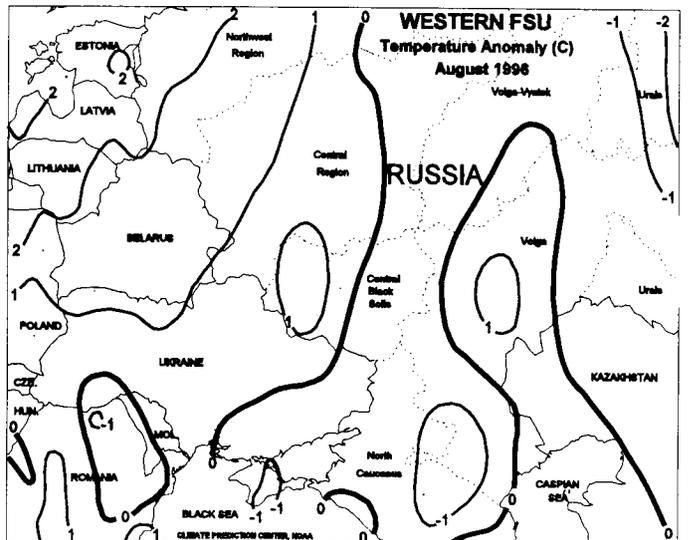
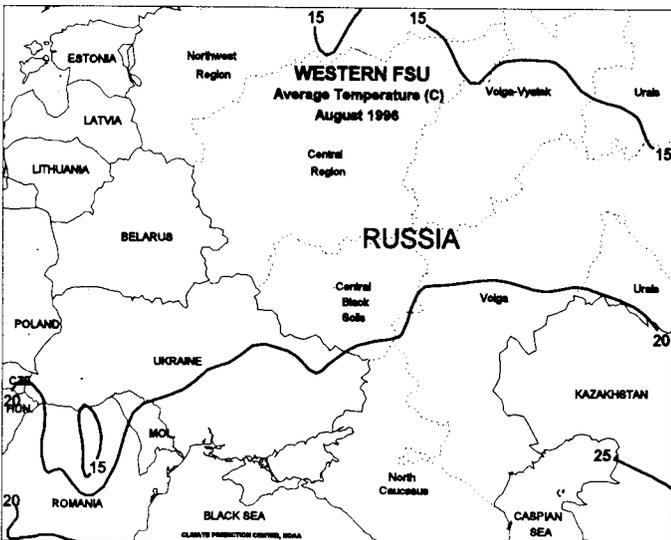
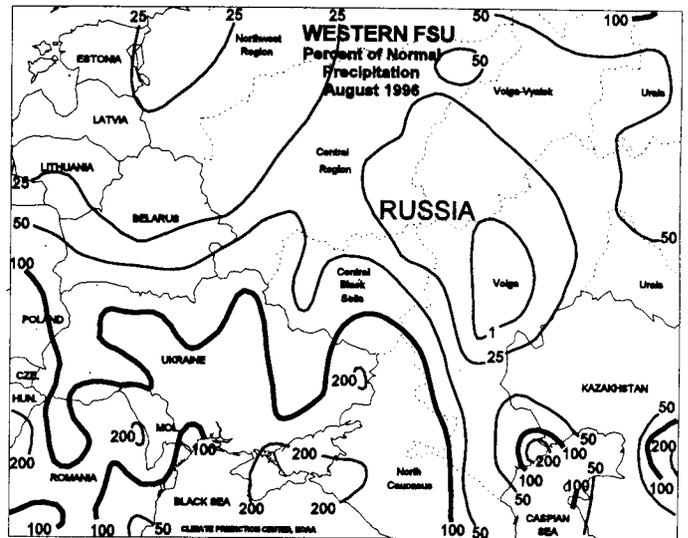
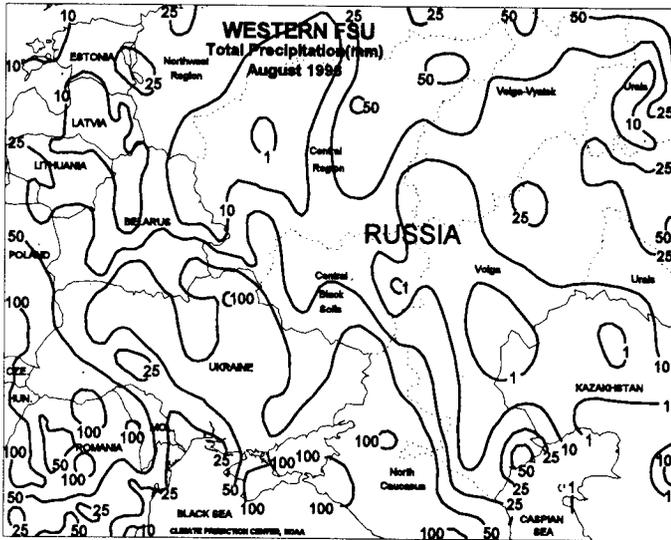
MEXICO: Hurricane Fausto hit northwestern Mexico, producing beneficial rain, but possibly causing coastal crop damage.

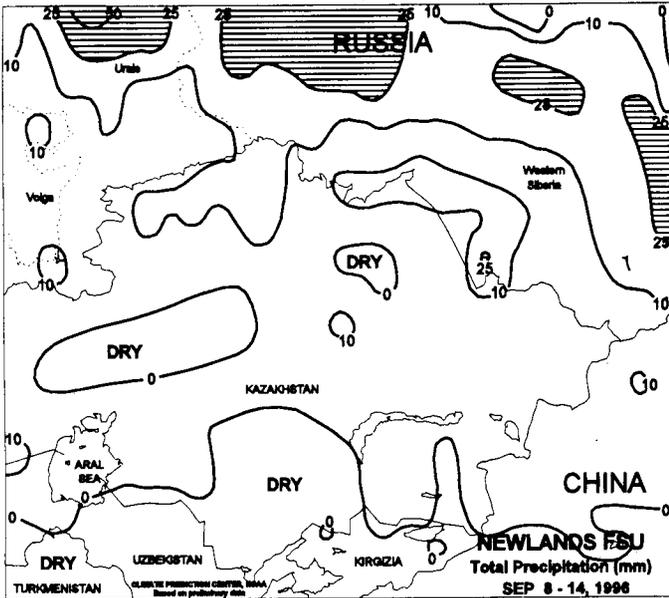




FSU-WESTERN

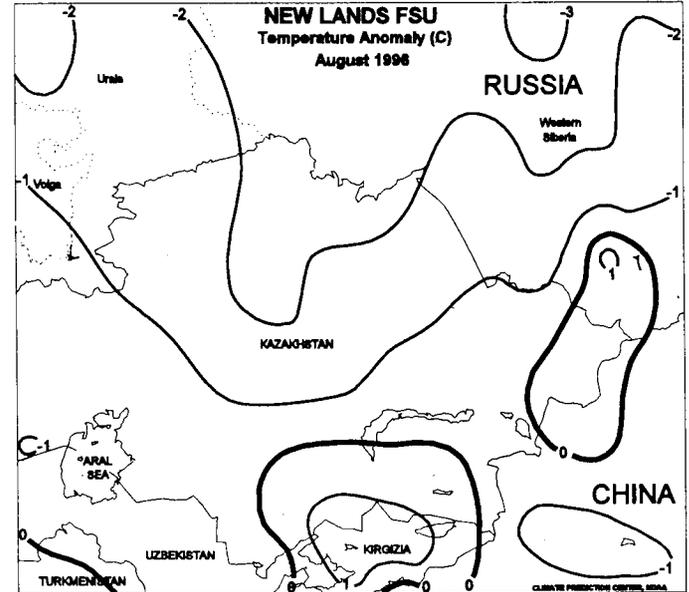
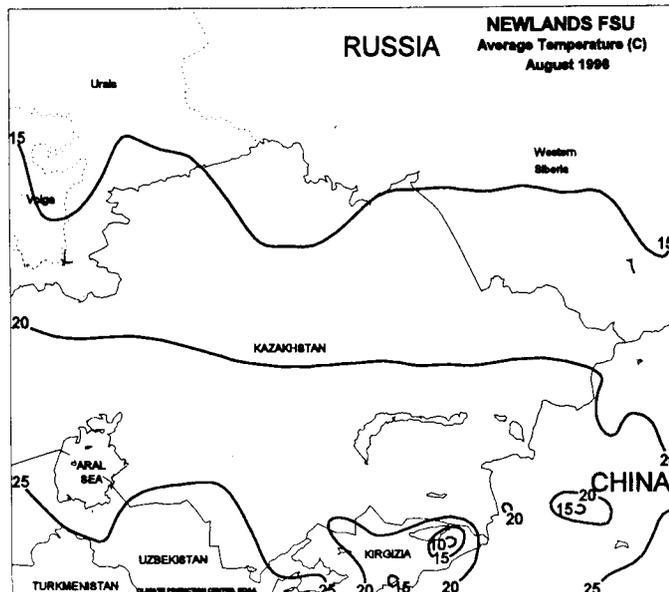
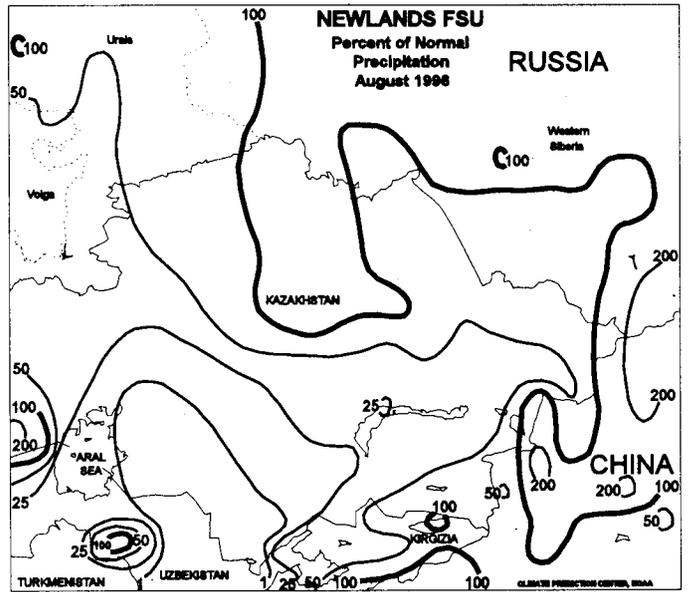
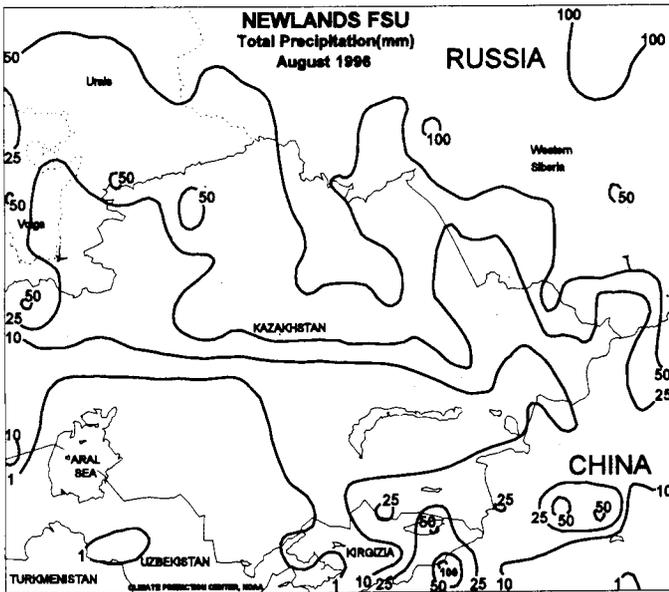
Widespread rain (10-50 mm, with locally heavier amounts in excess of 50 mm) fell over Russia, Ukraine, Belarus, and Moldova. The precipitation that fell over northern Russia ended a drying trend that began in early August, favoring emerging winter grains. Farther south, although wet weather over southern Russia (Central Black Soils Region, lower Volga Valley, and North Caucasus), Ukraine, and Moldova interrupted corn and sunflower harvesting, it provided topsoil moisture for winter wheat planting. September is the optimum month for planting winter wheat in Ukraine and southern Russia. Weekly temperatures averaged 1 to 3 degrees C below normal over southern Russia, Ukraine, and Belarus and were near normal over northern Russia. In August, most of northern Russia (Central Region, Volga Vyatsk, northern Central Black Soils Region, and the middle and upper Volga Valley) experienced well-below-normal precipitation and above-normal temperatures. The dry weather in these areas favored fieldwork for spring grain harvesting and winter grain planting. However, topsoil moisture was limited by month's end and rain was needed for winter grain germination. Farther south, unfavorable dryness continued from August 1-17 over major corn, sunflower, and sugarbeet growing areas of Ukraine and southern Russia. The dryness further reduced yield prospects for these crops, which typically advance through the filling stage in August. On August 18, rain began over these areas and continued until month's end, easing the drought, and stabilizing conditions for crops. Furthermore, the rains boosted topsoil moisture for upcoming winter grain planting.

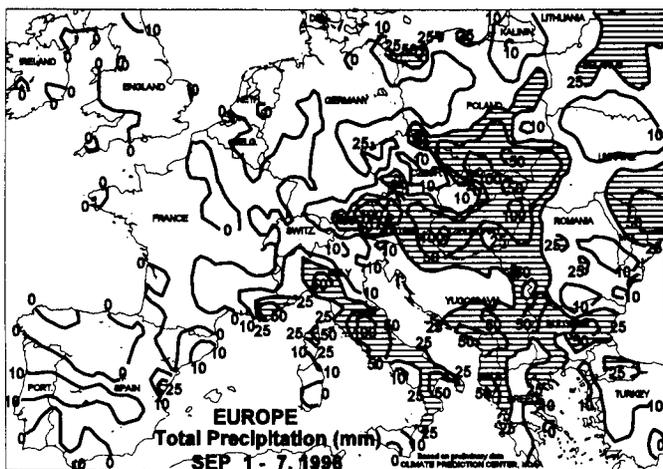




FSU-NEW LANDS

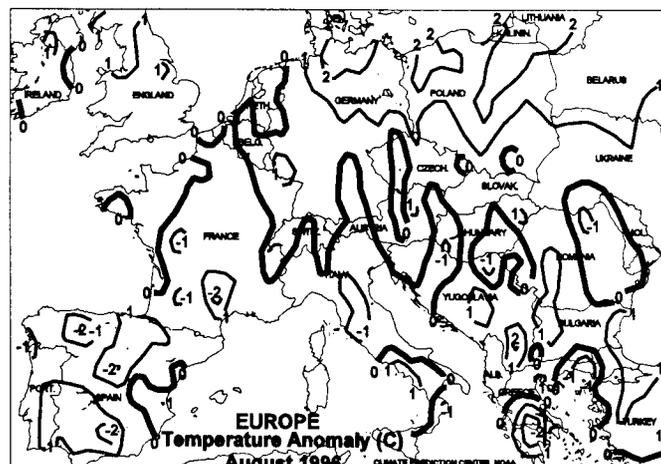
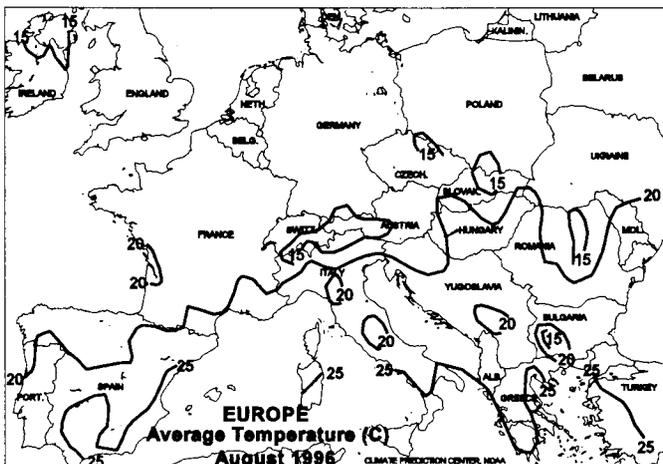
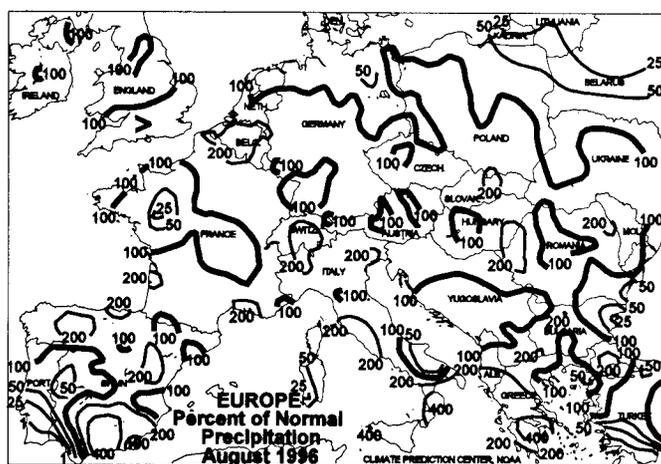
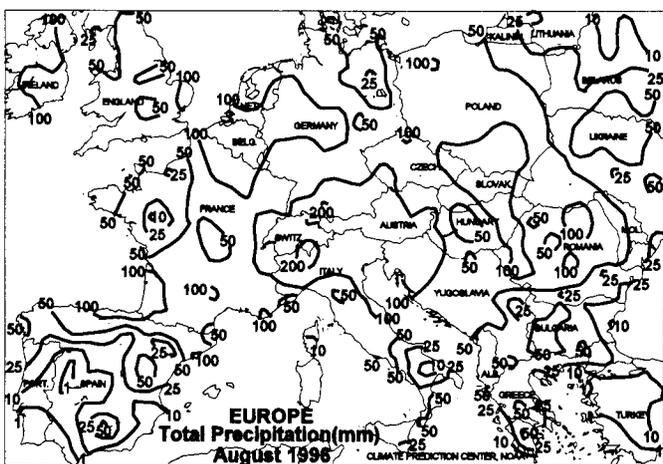
In Russia, persistent showers (10-45 mm) and unseasonably cool weather (weekly temperatures averaging 1-3 degrees C below normal) continued to delay harvesting in Western and Eastern Siberia. The persistent rains in these areas have likely caused some crop lodging and raised concerns about potential reductions in grain quality. In Kazakhstan, several days of warm, dry weather helped harvest activities. In August, below-normal precipitation prevailed over spring wheat areas in Urals and Kazakhstan. In Western and Eastern Siberia, unseasonably cool weather began about August 10, accompanied by above-normal precipitation that fell in the form of frequent showers. Although the precipitation provided adequate moisture for spring grains in the filling stage, the cool weather slowed crop development.



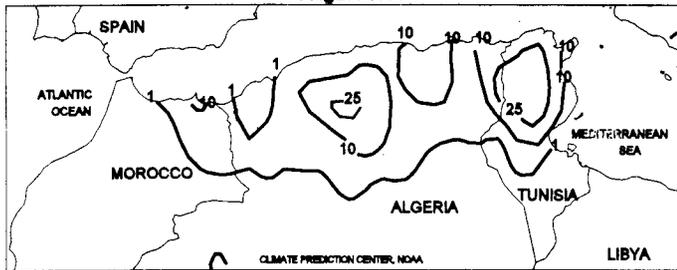


EUROPE

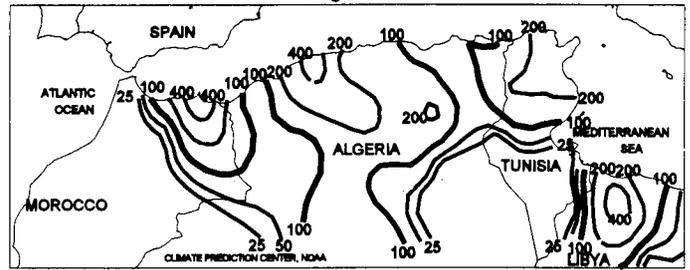
Planting preparations for 1997 winter grain crops were underway throughout most of the region, while corn harvesting continued to advance in southern Europe. Moderate to heavy rain (25-50 mm, with locally heavier amounts in excess of 75 mm) fell over southern Spain, interrupting corn, sunflower, and cotton harvesting. Farther north, dry weather helped early corn harvesting in France and allowed wheat harvesting in the United Kingdom to advance toward completion without delays. Elsewhere, light to moderate showers (10-40 mm, with local amounts in excess of 50 mm) fell over Germany and most of eastern Europe. Although the rain caused some delays in summer crop harvesting, it provided abundant topsoil moisture needed for winter grain emergence. In August, near- to above-normal precipitation fell over most of Europe, benefiting summer crops, advancing through the filling stage. While the precipitation over the United Kingdom, northern France, the Netherlands, Belgium, and northern Germany slowed wheat harvesting, it helped to raise soil moisture levels that were lowered by summer dryness. Farther south, unseasonable rains fell over peninsular Italy and Greece, where rainfall ranged from 25 to 50 mm. In southeastern Europe, above-normal precipitation in August reversed July's unfavorably dry weather, improving conditions for summer crop development.



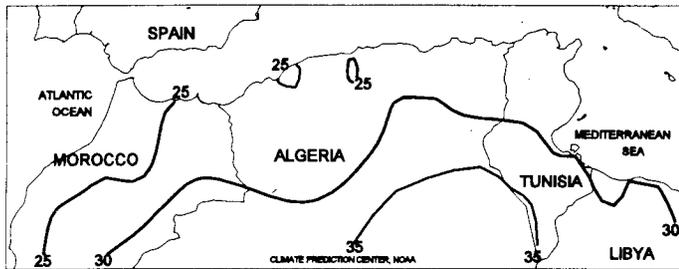
NORTHWEST AFRICA Total Precipitation (mm)
August 1996



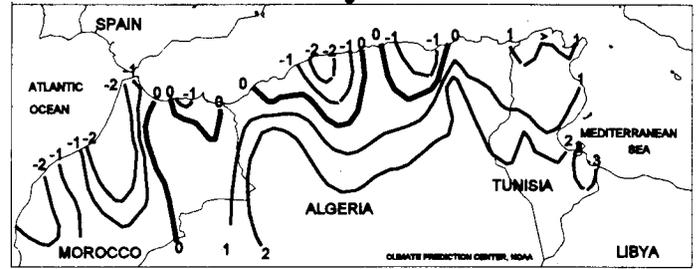
NORTHWEST AFRICA Percent of Normal Precipitation
August 1996



NORTHWEST AFRICA Average Temperature (C)
August 1996

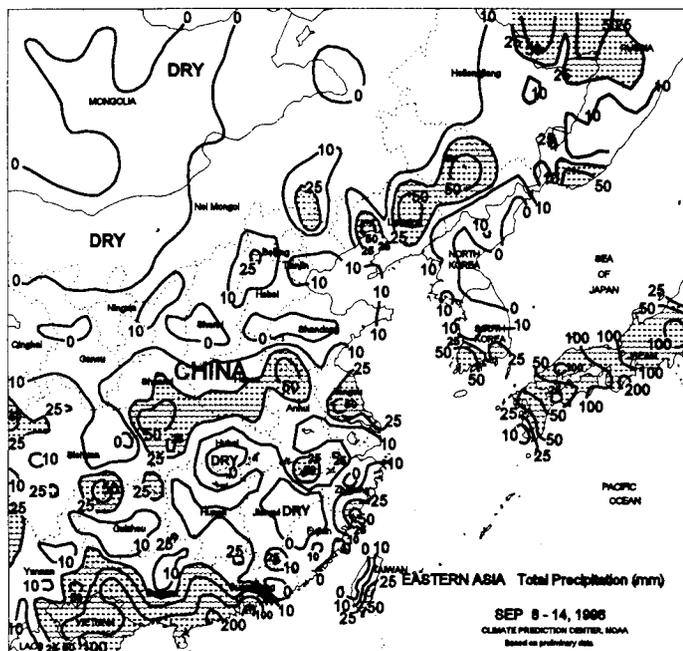


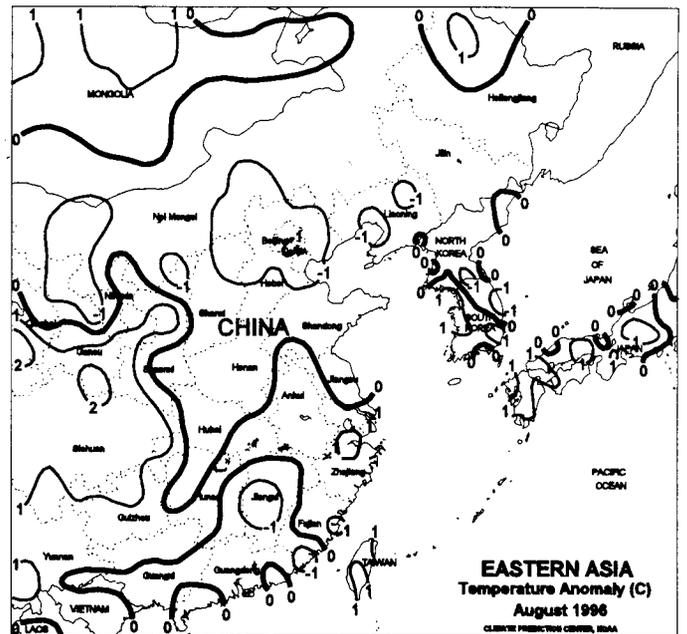
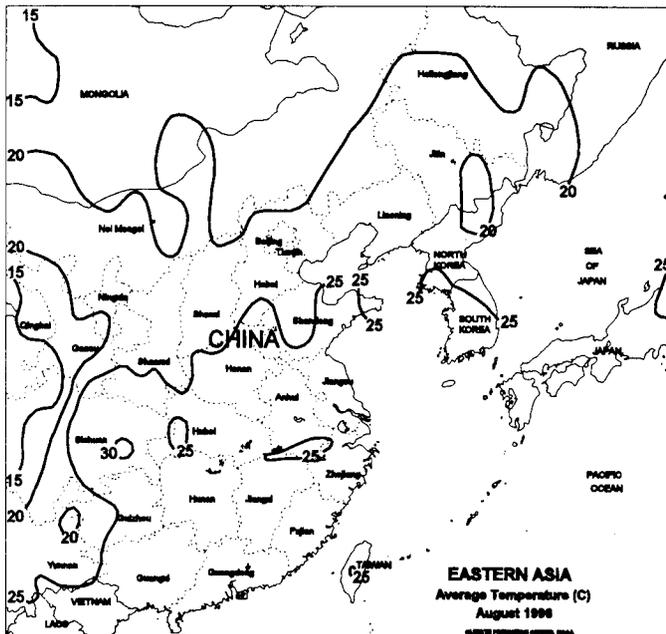
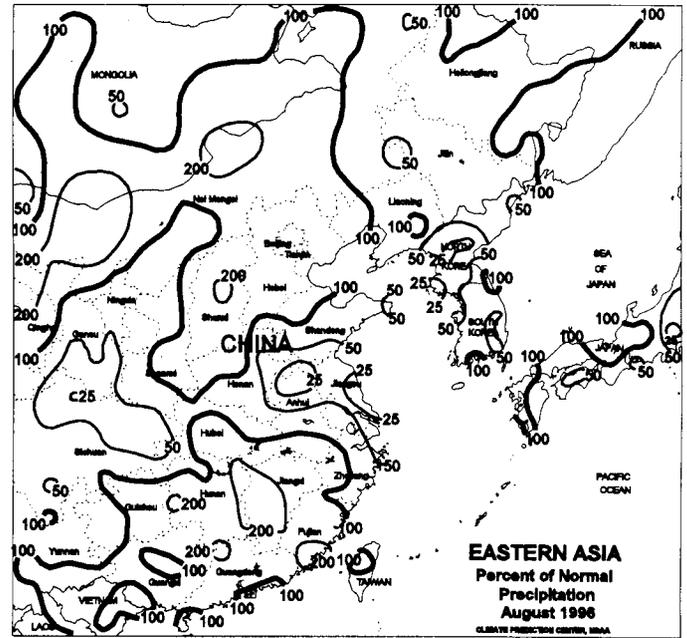
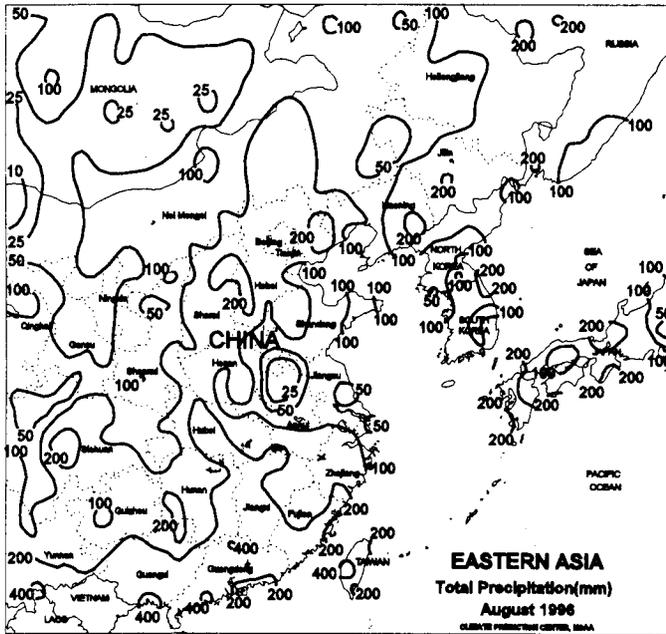
NORTHWEST AFRICA Temperature Anomaly (C)
August 1996

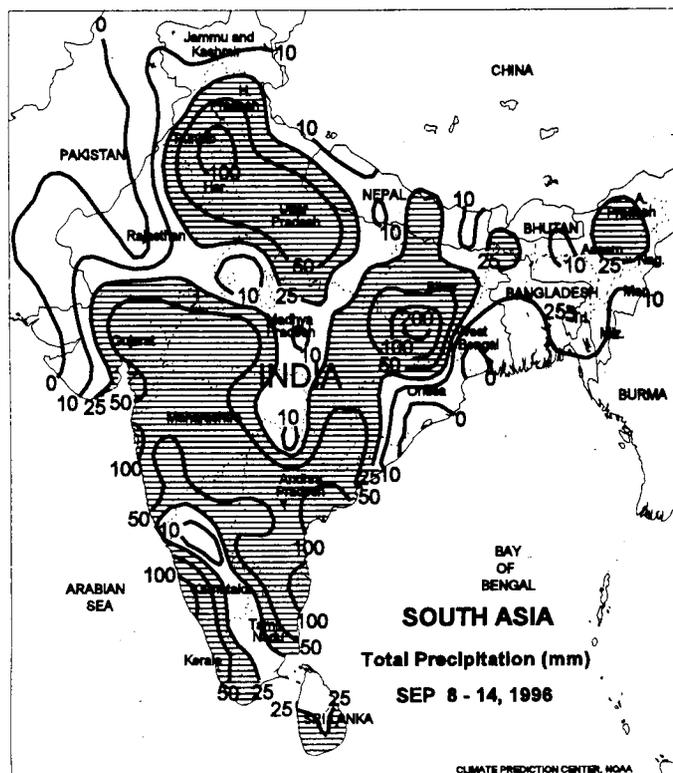


EASTERN ASIA

Scattered rain (10-60 mm) fell across the North China Plain and Manchuria, slowing summer crop harvesting, but increasing topsoil moisture for early winter wheat planting. Mostly dry, sunny weather with isolated showers (10-40 mm) prevailed across southern China, aiding single-crop rice harvesting and late double-crop rice development. The exception was Typhoon Sally, which hit southern Guangdong and Guangxi on September 9 with sustained winds of 85 to 90 knots (98-104 mph), possibly damaging coastal rice and sugarcane. Temperatures averaged 1 to 3 degrees above normal across most of China. Mostly dry weather favored rice harvesting across North Korea and northern South Korea. Moderate rain (25-75 mm) fell across Japan and extreme southern South Korea, slowing rice harvesting and possibly reducing quality. During August, below-normal rainfall aided recovery efforts and late rice replanting across east-central China, which experienced severe flooding in July. Near-to above-normal August rainfall maintained rice irrigation supplies across southern China. Seasonable rainfall benefited filling summer crops across the North China Plain and Manchuria. Sunny weather and below-normal August rainfall favored filling rice across the Korean Peninsula and northern Japan.

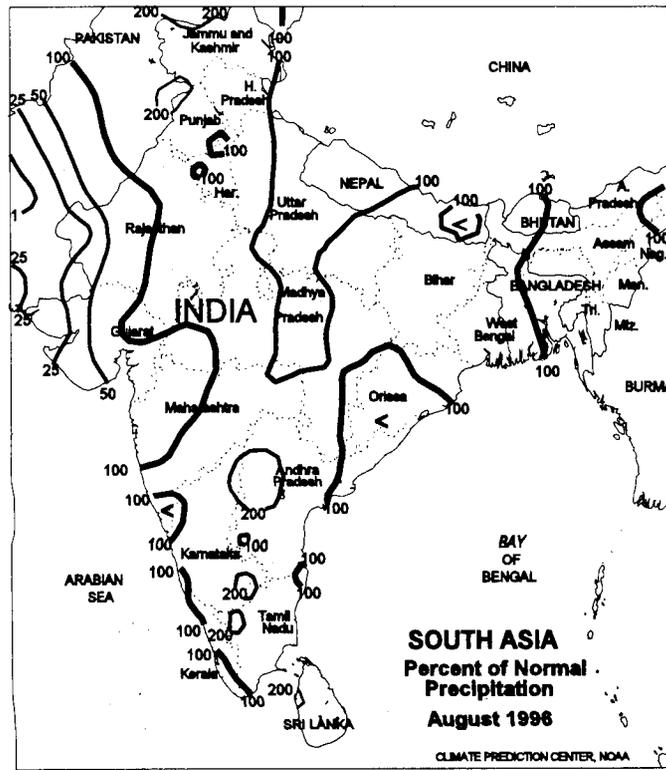
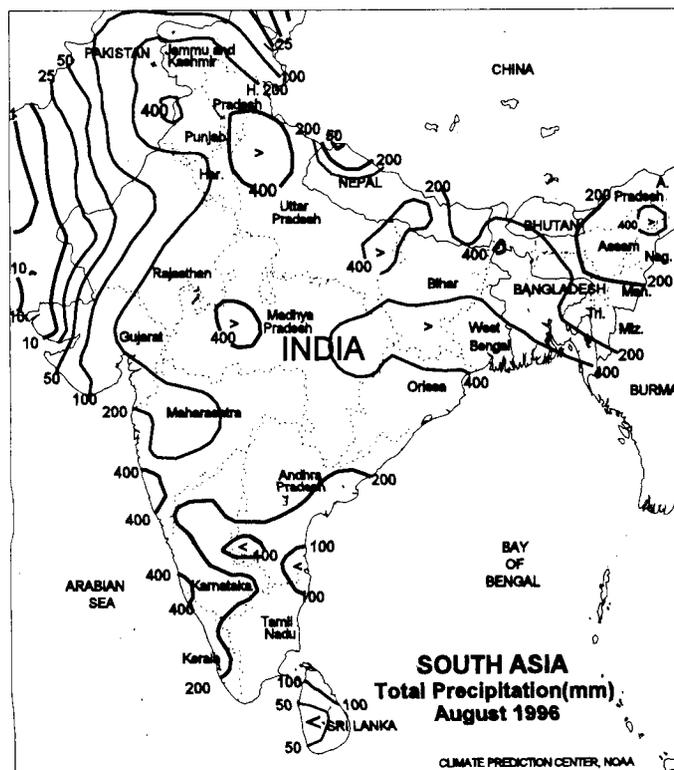


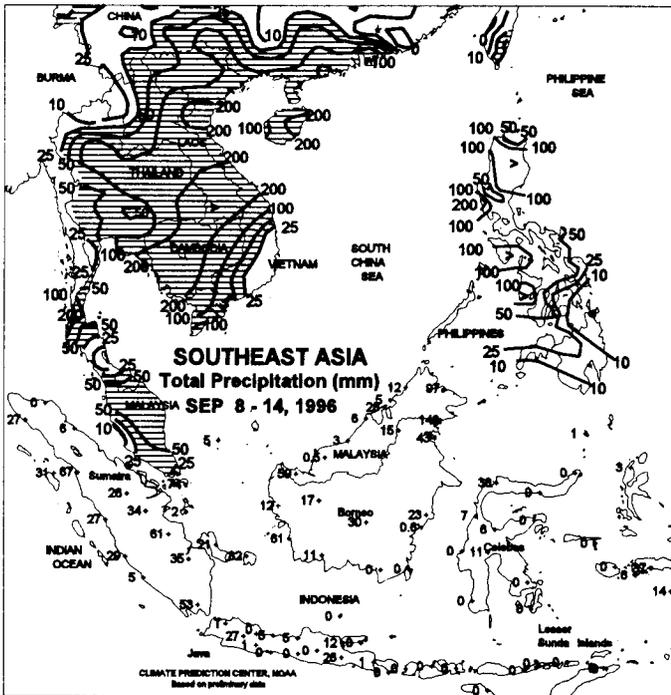
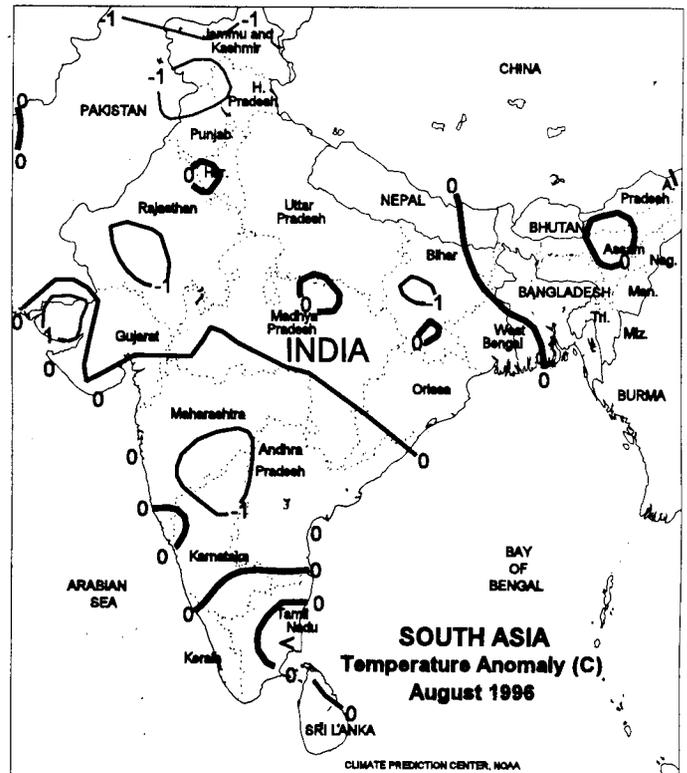
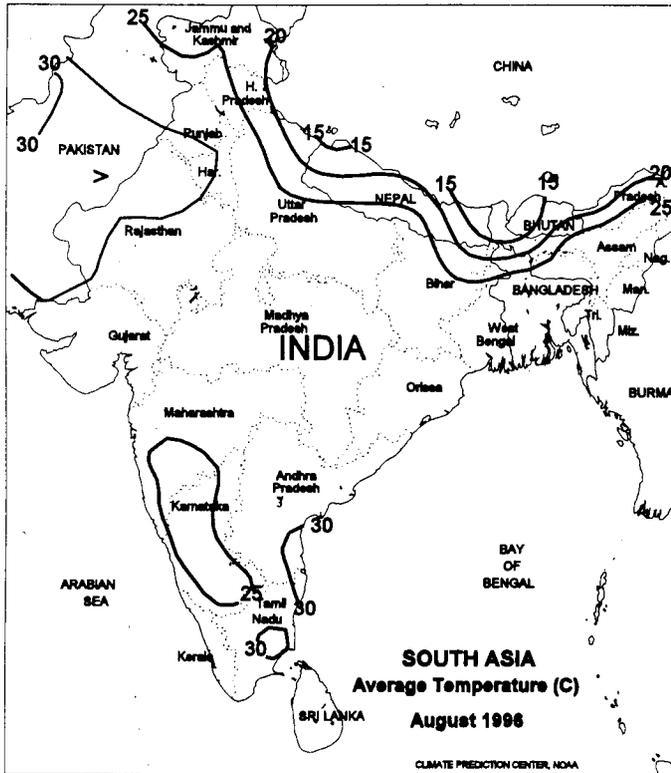




SOUTH ASIA

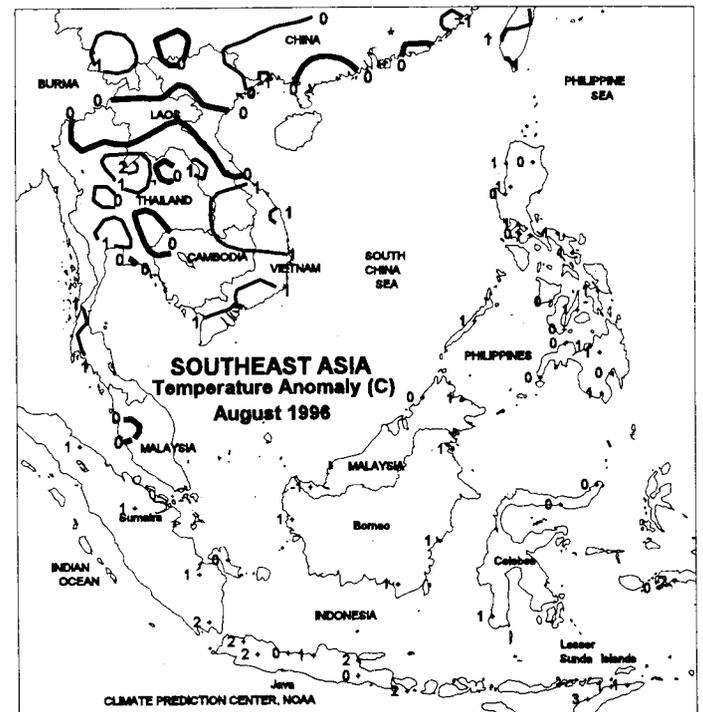
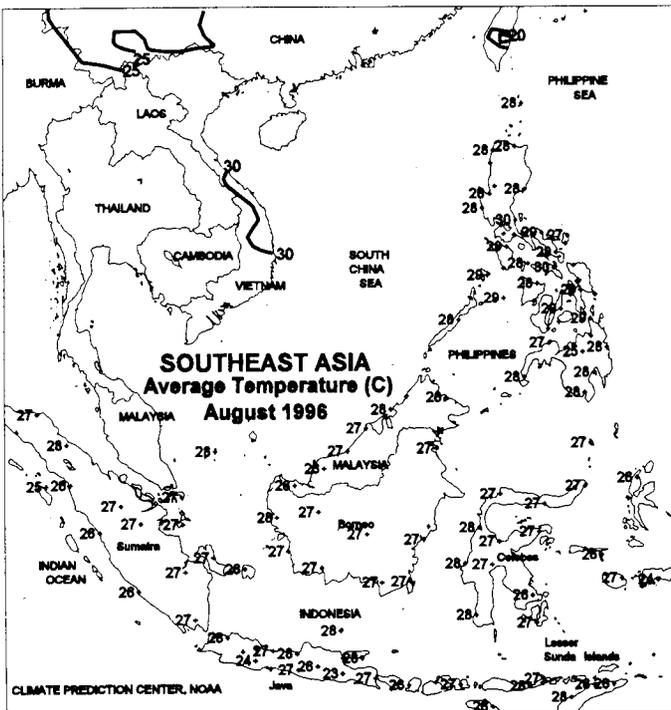
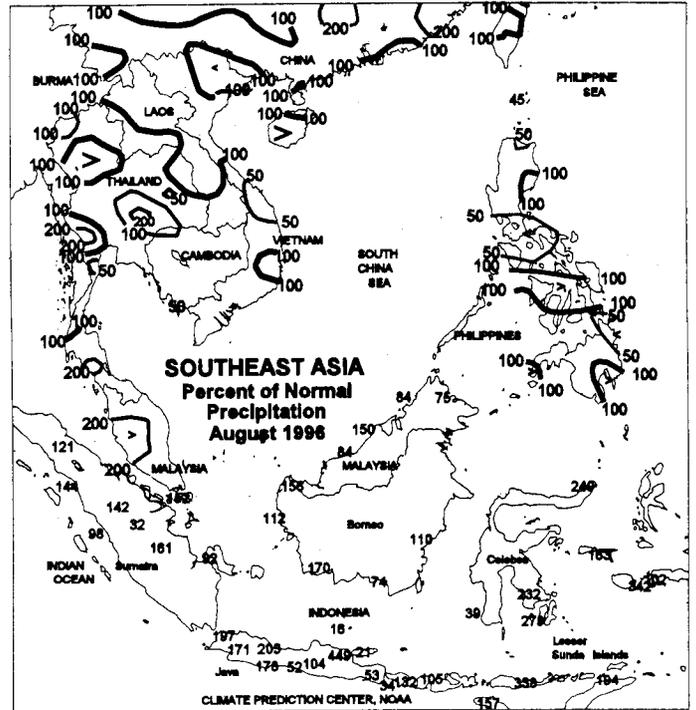
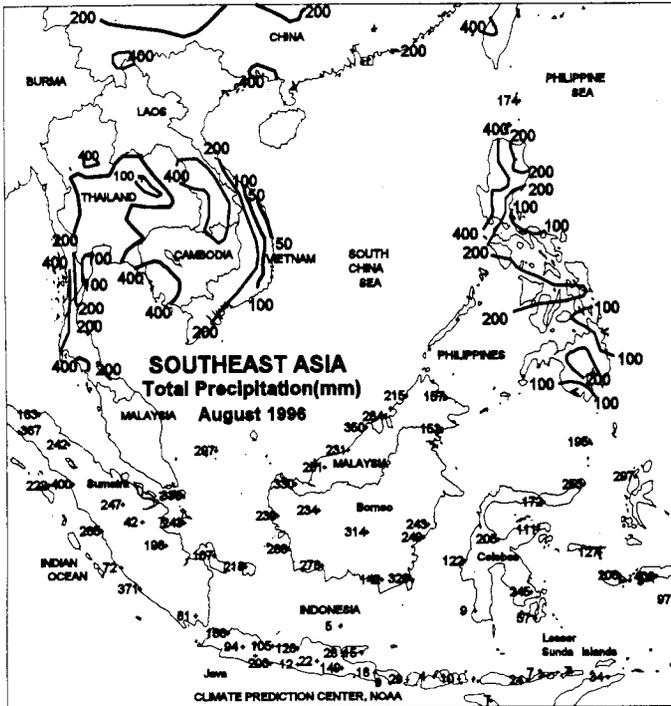
Widespread, variable showers continued throughout the main grain, oilseed, and cotton areas, maintaining generally adequate to locally excessive moisture reserves. An exception was Gujarat's western groundnut region, much of which received less than 10 mm. Showers (5-35 mm) tapered off in eastern rice areas that had previously been wet. Elsewhere, widespread, locally heavy rain (25-50 mm or greater in most areas) fell from north-central India to the southern tip. The monsoon withdrawal should be underway soon in the far north. During August, frequent, locally inundating showers left most grain, oilseeds, and cotton areas with near- to above-normal rainfall. Exceptions included Gujarat's groundnut basin, which began a drying trend early in the month. In contrast, a drying trend ended during August over important crop areas of southern India. Persistent heavy rain in central India likely led to declines in soybean yield potential and raised concerns for development of the area's coarse grains and cotton.

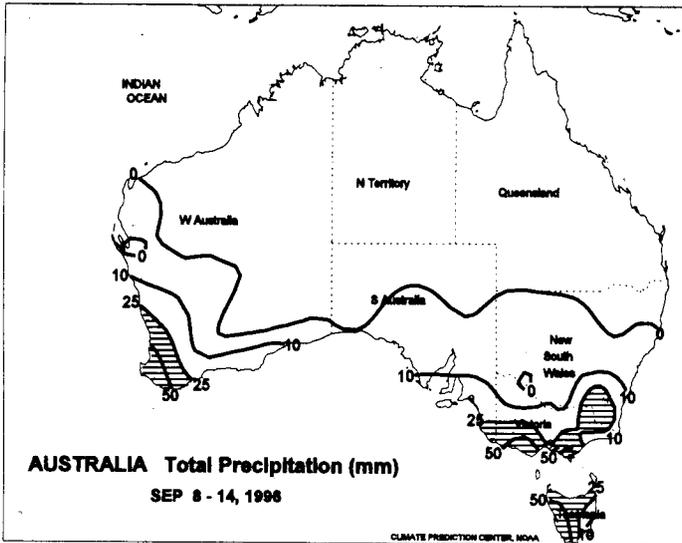




SOUTHEAST ASIA

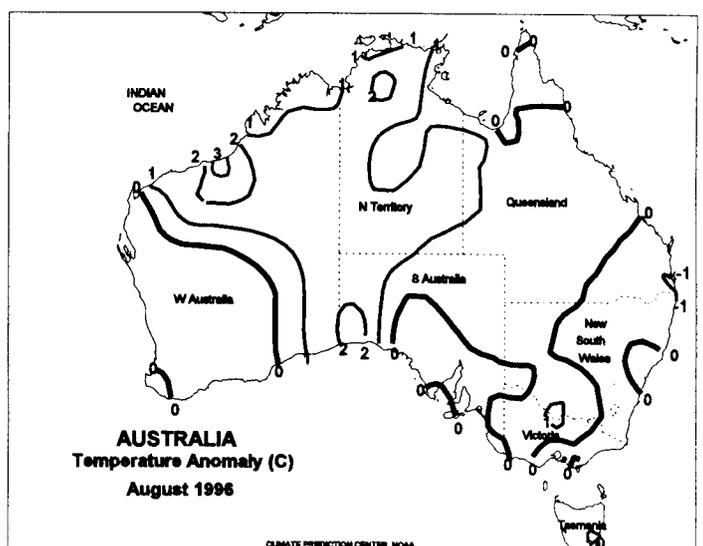
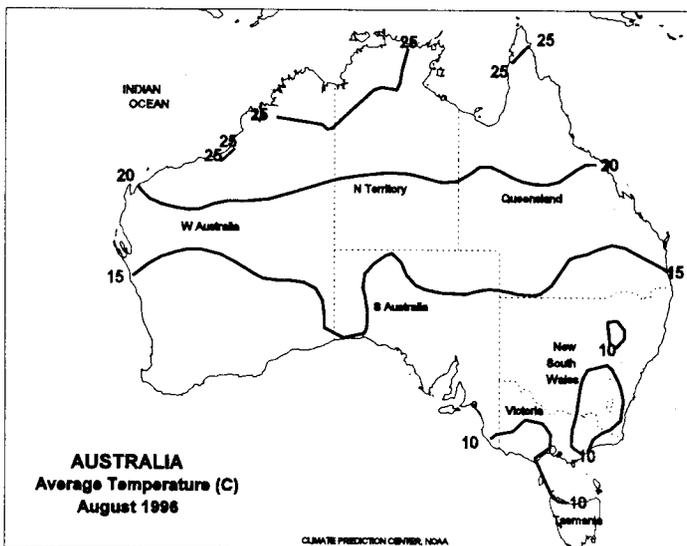
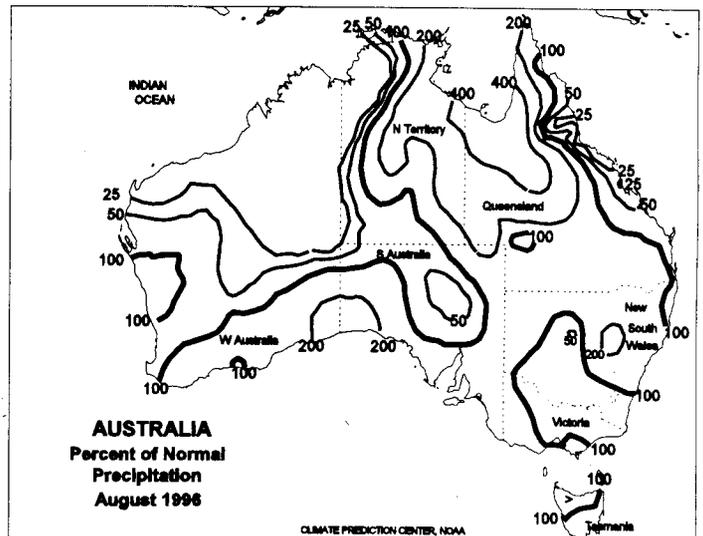
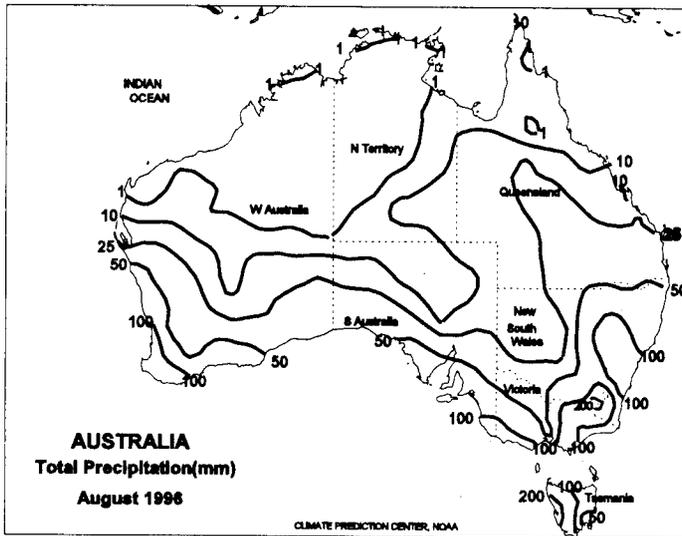
Wet weather produced in part by two tropical systems slowed rice maturation and harvesting across central and northern Vietnam, eastern Thailand, and the northern Philippines. A tropical depression (sustained winds less than 35 knots) passed across Luzon, Philippines on September 10, helping to produce widespread heavy showers (50-200 mm). This depression then brushed the central Vietnam coast before hitting north-central Vietnam on September 14. Typhoon Sally hit extreme northern Vietnam on September 9, after brushing the extreme southern Chinese coast, with sustained winds of 65 knots (75 mph). These two tropical systems brought heavy showers (50-200 mm, with isolated amounts greater 250 mm) to northern and central Vietnam, causing local flooding and crop damage. The tropical depression also fueled moderate to heavy showers (75-150 mm, with isolated amounts greater than 200 mm) across eastern Thailand. Moderate showers (30-90 mm) favored oil palm across peninsular Malaysia. Scattered showers (10-50 mm) prevailed over Java, where moisture is needed in the central portions of the island. During August, near- to above-normal rainfall favored rice and sugarcane across most of Indochina and the Philippines. Above-normal August rainfall aided oil palm and plantation crops across peninsula Malaysia and second-crop rice in Java.

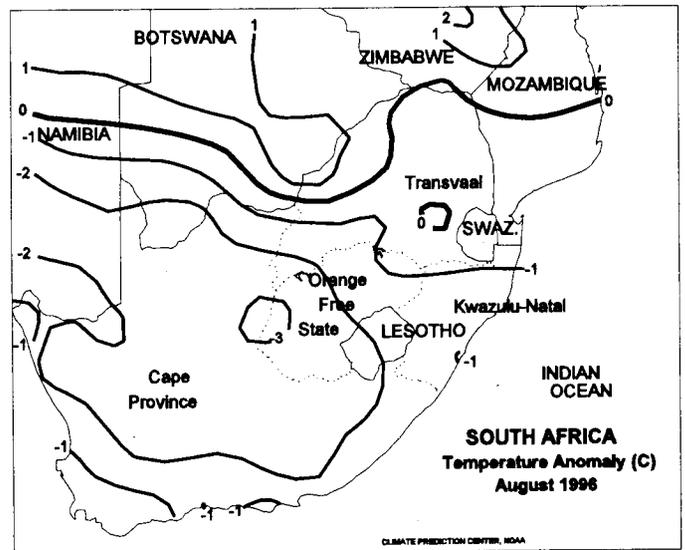
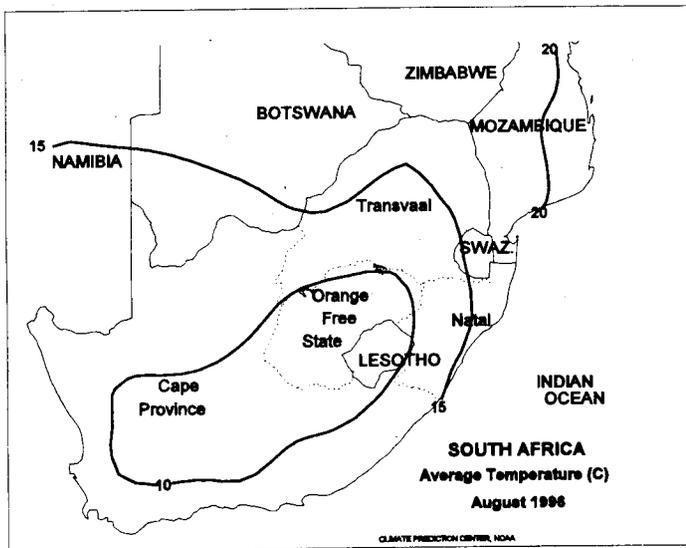
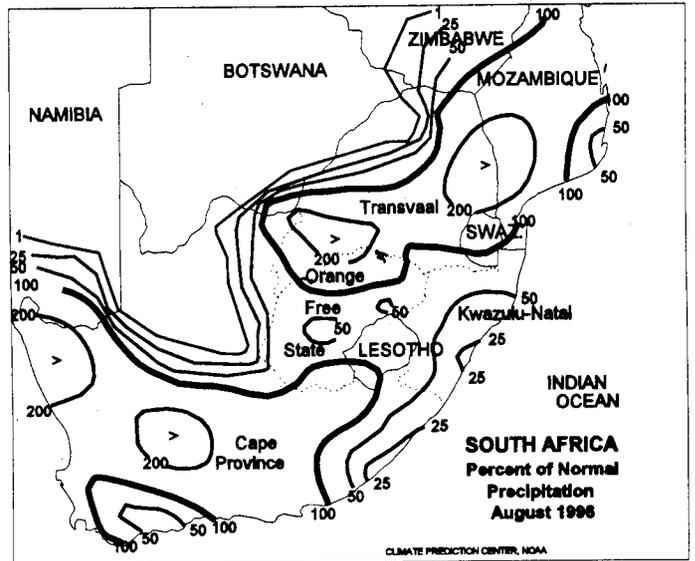
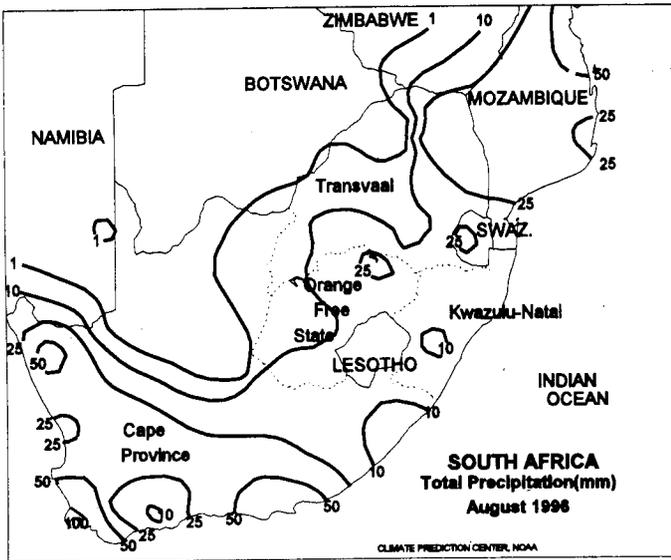


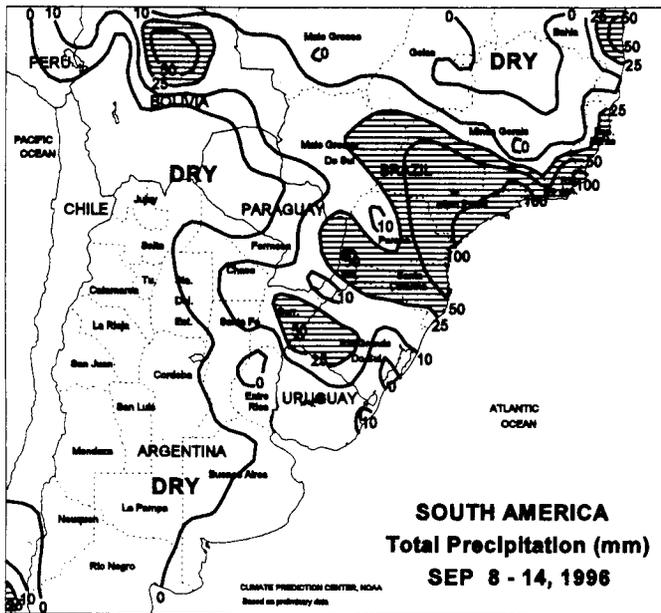


AUSTRALIA

Scattered, light to moderate showers (up to 25 mm) fell in western and southeastern winter grain areas, with pockets of heavier rain (25-50 mm or more) confined to crop areas nearest the coast. Dry weather continued for the second week in Queensland, extending southward into northern New South Wales. A gradual warmup had begun in Queensland, with highs reaching the low 30's C. Patchy frost, however, returned to the area late in the week, possibly resulting in local burn back. Grains should be heading in the northeast and need spring to begin in earnest for normal development. August rainfall averaged near to above normal throughout the primary winter grain areas, maintaining favorable moisture levels for vegetative development. Temperatures averaged near normal for the month. However, frost and freezing temperatures lingered in the east at month's end, hampering growth of grains in or nearing heading.

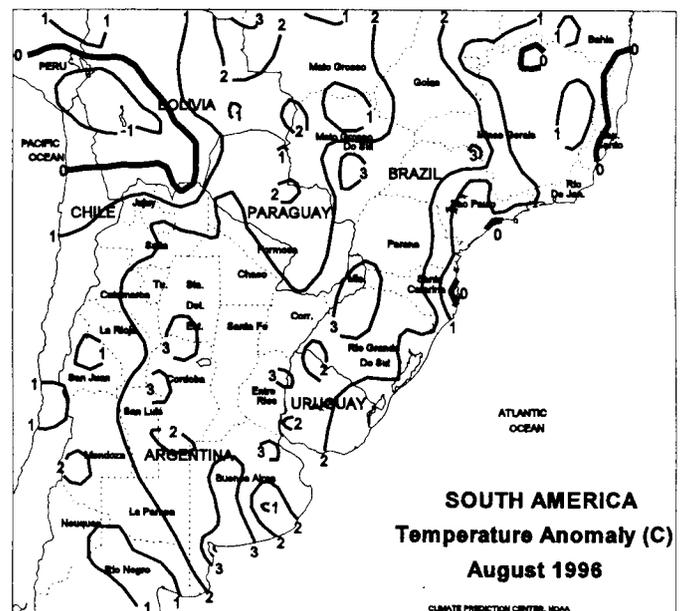
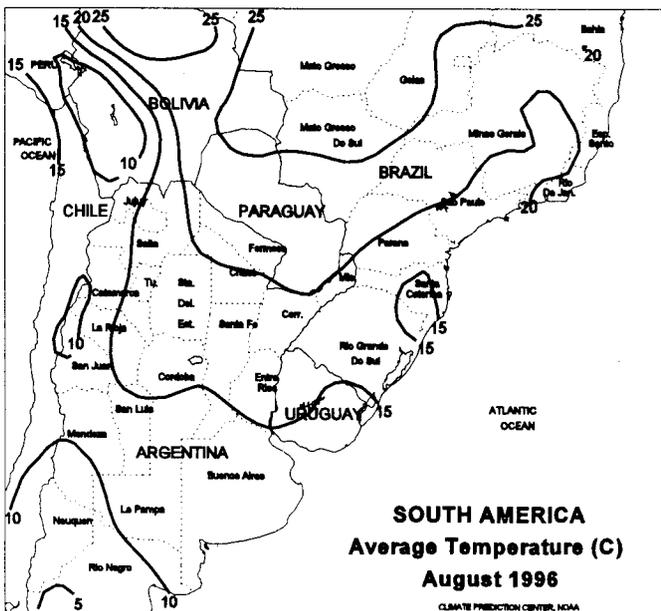
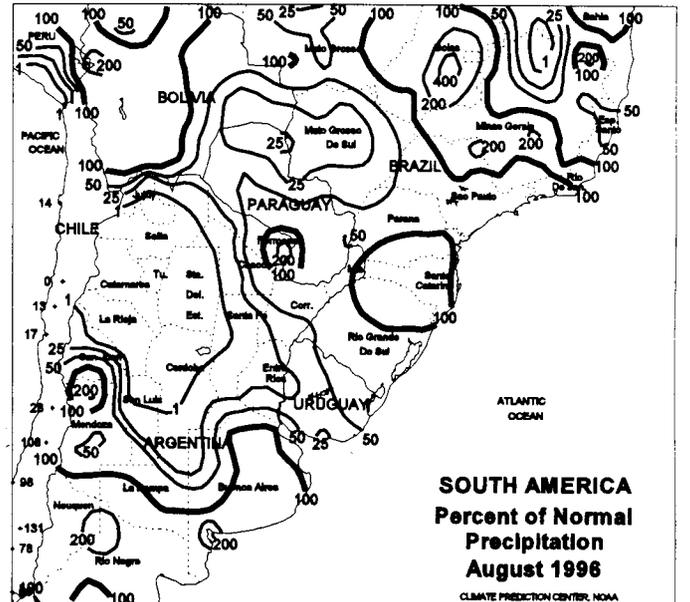
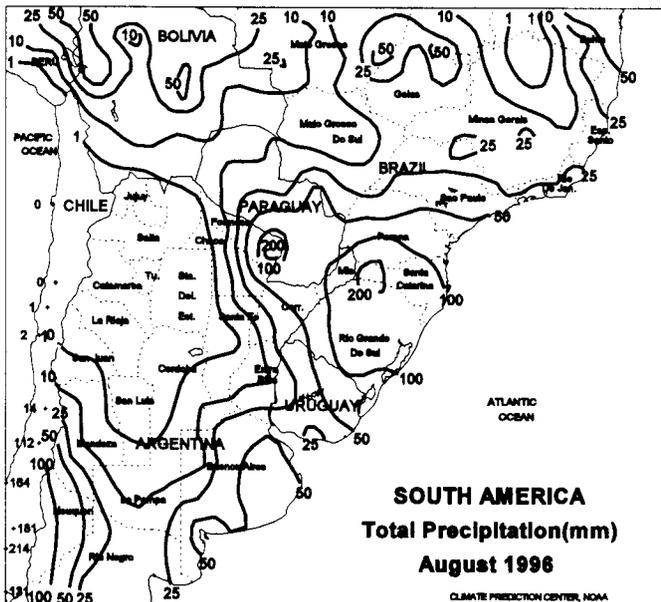


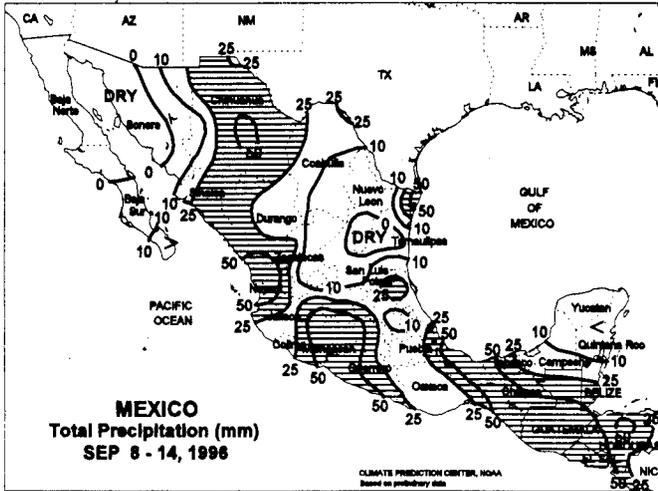




SOUTH AMERICA

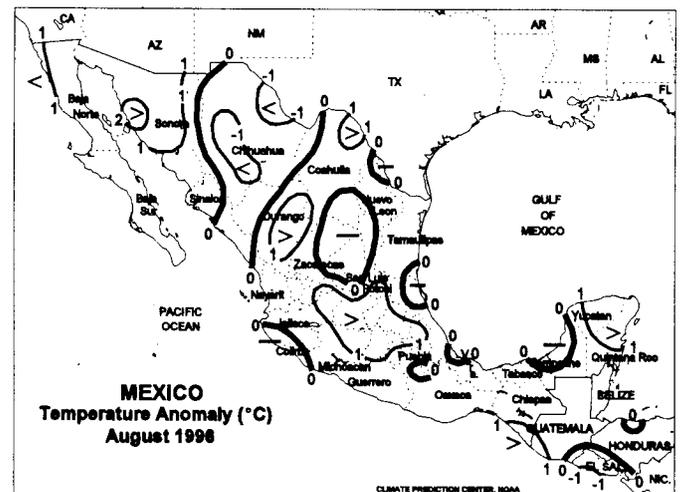
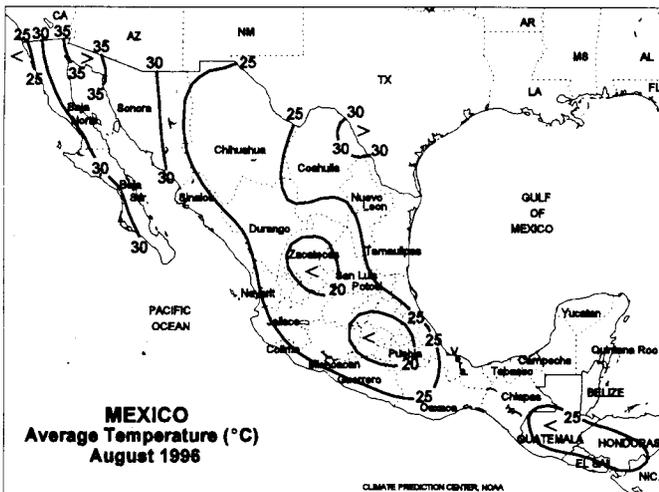
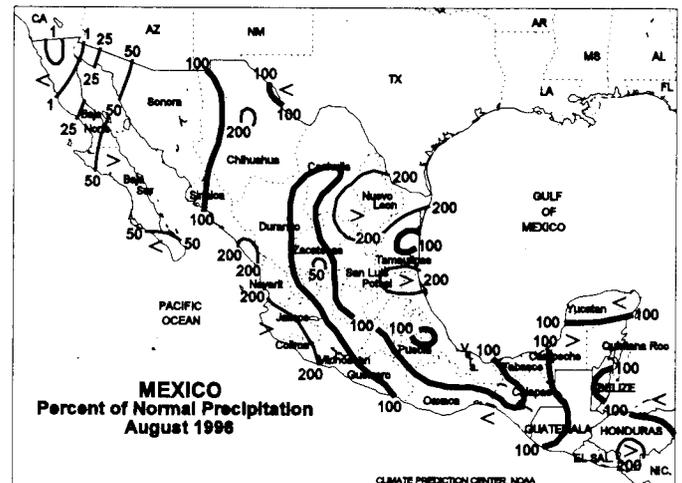
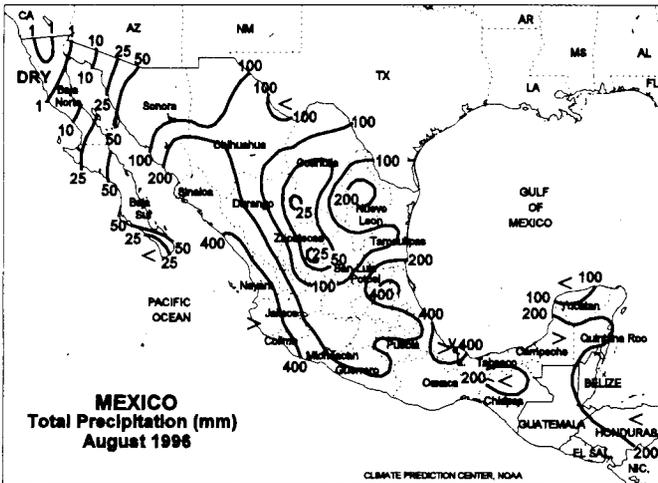
Dry, early-week cool weather (minimum temperatures ranged from 0 to -4 degrees C) continued to stress winter wheat across central Argentina. Warmer weather prevailed for the rest of the week as temperatures averaged 1 to 2 degrees C above normal. However, the warmer weather further reduced soil moisture and underscored the need for widespread rain for vegetative to reproductive winter wheat. In southern Brazil, widespread rain (20-70 mm) increased topsoil moisture for flowering coffee and citrus and early soybean planting. However, the rain slowed winter wheat harvesting in Mato Grosso do Sul and northern Parana. During August, near- to above-normal rainfall aided vegetative winter wheat across Buenos Aires province in Argentina. However, in southern Cordoba and Santa Fe, August rainfall averaged less than 25 percent of normal, stressing wheat. In southern Brazil, near- to above-normal August rainfall favored winter wheat.

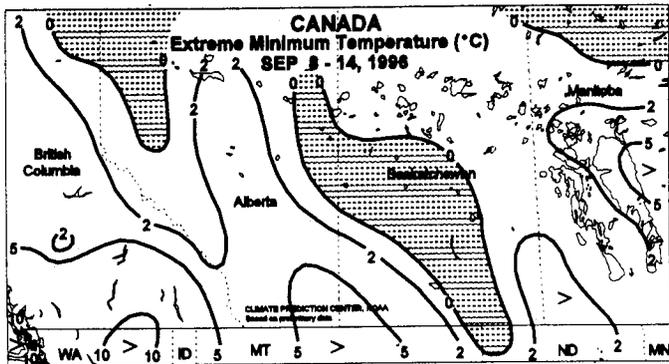




MEXICO

Hurricane Fausto crossed the southern tip of Baja California and then hit the western province of Sinaloa on September 13, with sustained winds of 70 knots (80 mph). The storm possibly damaged coastal crops but brought beneficial widespread rain (20-60 mm) to Sinaloa and Chihuahua, increasing reservoir levels. Seasonal showers (25-75 mm) continued across the Southern Plateau corn belt, aiding filling corn. Light, scattered rain (less than 10 mm) fell across the northeast. Temperatures averaged 1 to 2 degrees C below normal across the northwest and 1 to 2 degrees C above normal across the rest of Mexico. In August, near- to above-normal rainfall favored corn and pastures and increased reservoir levels across central and northern Mexico. While this rain helped to ease long-term moisture deficits, continued above-normal rainfall is needed to eliminate the moisture shortfalls. August rainfall averaged below normal across northwestern and extreme southern Mexico.





CANADA

Frost and freezing temperatures were scattered throughout the Prairies, but a killing freeze was generally limited to local sections of Saskatchewan and Alberta's Peace River Valley. Some damage to very late-planted grains and oilseeds in these areas was possible. Elsewhere, lows of 0 to 4 degrees C were common, with the mildest weather remaining in the southwest (3-6 degrees C). A warming trend later in the week, coupled with a week of dry weather, favored a renewal of harvesting. In Ontario and Quebec, wet weather (25-50 mm or more) in most crop areas was unfavorable for maturing corn and soybeans and field preparations for winter wheat planting. During August, warmer, drier weather dominated the Prairies, hastening development of late-planted grains and oilseeds. By early September, less of the crop was vulnerable to freeze damage than had been previously anticipated. In the southwest, periods of hot (mid 30's C), dry weather caused some additional stress. By month's end, crops had matured across the south and harvesting was underway, albeit behind schedule.

