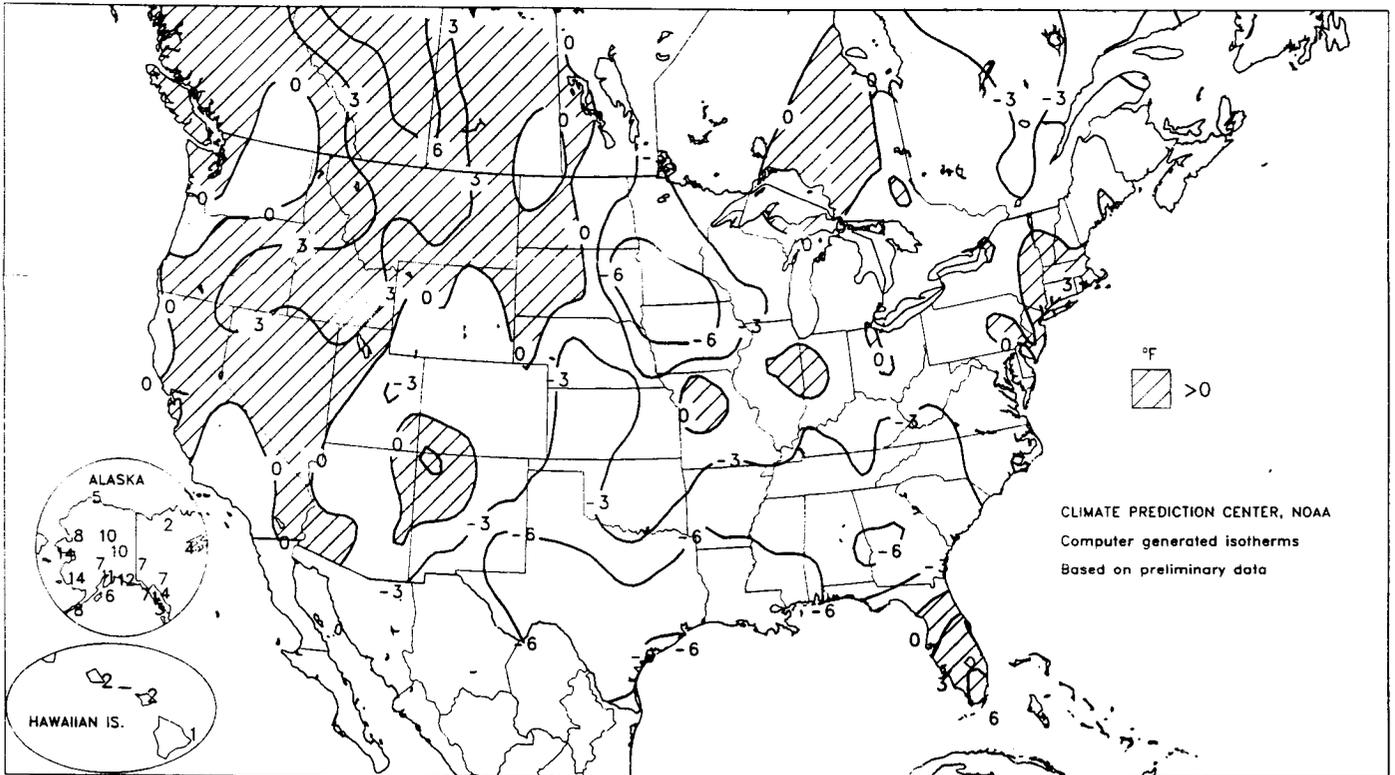


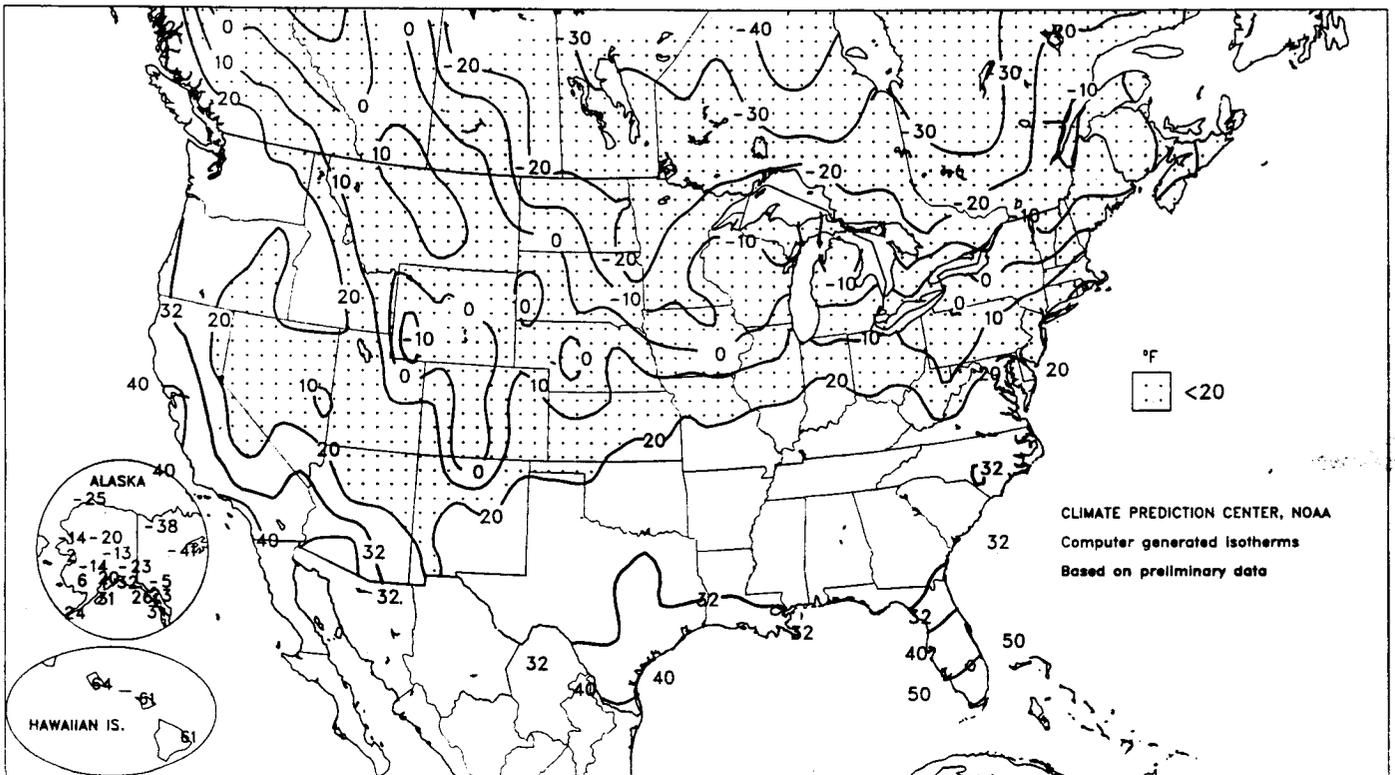
Departure of Average Temperature from Normal (°F)

FEB 9 - 15, 1997



Extreme Minimum Temperature (°F)

FEB 9 - 15, 1997



National Weather Data for Selected Cities

Weather Data for the Week Ending February 15, 1997

STATES AND STATIONS	TEMPERATURE °F							PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN. SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL, IN. SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP, °F		PRECIP.		
																90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	0.5 INCH OR MORE	
AL BIRMINGHAM	46	34	66	27	40	-5	0.98	-0.18	-	11.84	92	8.36	111	92	68	0	4	-	-	
MOBILE	54	37	67	27	45	-7	2.17	0.84	1.79	14.44	112	7.47	98	93	57	0	1	4	1	
AK ANCHORAGE	48	36	58	24	42	-5	2.37	1.07	1.29	12.10	94	7.91	103	93	64	0	2	3	3	
BARROW	33	25	37	20	29	11	0.00	-0.19	0.00	0.65	28	0.42	35	82	73	0	7	0	0	
FAIRBANKS	-8	-19	-3	-25	-13	5	0.00	-0.03	0.00	0.08	27	0.08	44	77	74	0	7	0	0	
JUNEAU	17	-5	24	-13	8	10	0.10	-0.01	0.10	0.84	55	0.37	53	84	70	0	7	1	0	
KODIAK	34	30	37	23	32	4	-	-	-	-	-	-	-	100	91	0	7	-	-	
NOME	39	35	40	31	37	6	0.57	-0.77	0.27	20.21	117	13.83	133	98	85	0	2	6	0	
AZ PHOENIX	24	11	31	2	17	14	0.00	-0.15	0.00	2.03	101	1.40	123	80	64	0	7	0	0	
PRESCOTT	70	46	79	43	57	0	0.00	-0.17	0.00	0.90	45	0.90	89	54	17	0	0	0	0	
TUCSON	56	22	64	18	38	0	0.09	-0.28	0.09	2.17	56	1.93	84	77	21	0	7	1	0	
YUMA	87	37	77	31	52	-2	0.06	-0.11	0.04	0.99	43	0.99	80	65	17	0	1	2	0	
AR FORT SMITH	73	47	80	39	60	0	0.00	-0.08	0.00	0.36	38	0.34	74	61	18	0	0	0	0	
LITTLE ROCK	47	31	60	24	39	-2	0.28	-0.33	0.28	5.18	85	3.32	106	93	65	0	4	1	0	
CA BAKERSFIELD	-	-	-	-	-	-	0.41	-0.45	-	8.49	88	5.20	105	-	-	-	-	-	-	
EUREKA	61	39	68	37	50	-3	0.00	-0.27	0.00	3.74	184	2.05	145	80	34	0	0	0	0	
FRESNO	57	40	64	36	48	-1	0.23	-0.93	0.15	31.18	214	9.92	116	91	58	0	0	3	0	
LOS ANGELES	61	39	65	35	50	-1	0.01	-0.43	0.01	7.54	173	3.30	113	96	34	0	0	1	0	
REDDING	67	48	80	46	58	0	0.05	-0.58	0.03	8.96	185	4.22	112	86	26	0	0	2	0	
SACRAMENTO	66	39	79	34	53	2	0.04	-1.07	0.04	16.98	121	9.25	108	83	31	0	0	1	0	
SAN DIEGO	63	41	68	37	52	1	0.00	-0.72	0.00	13.67	182	7.86	147	95	48	0	0	0	0	
SAN FRANCISCO	67	49	79	47	58	-1	0.20	-0.19	0.20	3.79	89	3.15	119	77	27	0	0	1	0	
CO DENVER	82	48	89	42	55	3	0.00	-0.79	0.00	14.43	156	7.83	124	85	52	0	0	0	0	
GRAND JUNCTION	42	20	55	11	31	-2	0.00	-0.13	0.00	0.29	21	0.25	34	90	43	0	7	0	0	
PUEBLO	45	20	51	16	33	-3	0.06	-0.07	0.06	1.01	70	0.48	82	86	34	0	7	1	0	
CT BRIDGEPORT	49	11	63	5	30	-4	0.09	0.03	0.09	0.48	56	0.26	59	88	31	0	7	1	0	
HARTFORD	39	27	46	21	33	3	0.43	-0.31	0.35	11.37	137	4.85	101	83	42	0	6	2	0	
DC WASHINGTON	37	22	42	17	29	3	0.34	-0.48	0.27	10.09	112	4.50	88	88	40	0	7	3	0	
FL PANAMA CITY	41	31	49	28	36	-1	1.03	0.37	0.62	10.33	142	4.83	117	83	50	0	6	3	1	
DAYTONA BEACH	60	44	66	34	52	-1	-	-	-	-	-	-	-	91	62	0	0	-	-	
JACKSONVILLE	70	52	65	38	61	3	0.21	-0.58	0.17	4.24	61	2.24	51	100	86	0	0	2	0	
KEY WEST	66	46	62	33	56	0	0.18	-0.80	0.13	8.35	79	3.11	80	96	66	0	0	2	0	
MIAMI	78	70	83	63	74	3	0.00	-0.45	0.00	5.51	110	4.09	136	88	73	0	0	0	0	
ORLANDO	80	68	84	57	73	5	0.73	0.21	0.73	3.41	69	2.38	77	90	62	0	0	1	1	
TALLAHASSEE	76	64	86	44	65	4	0.97	0.23	0.86	4.64	77	2.50	85	95	58	0	0	3	1	
TAMPA	82	39	68	25	51	-2	4.68	3.32	2.86	14.89	116	8.54	112	92	54	0	2	3	2	
WEST PALM BEACH	72	54	84	44	63	2	0.27	-0.49	0.22	3.62	62	1.41	40	93	63	0	0	2	0	
GA ATLANTA	78	63	84	53	71	5	1.67	0.95	1.87	7.91	126	6.41	160	92	62	0	0	1	1	
AUGUSTA	47	34	55	29	41	-3	2.30	1.13	1.16	11.05	96	8.13	112	89	58	0	2	3	2	
MACON	49	32	60	24	41	-6	2.88	1.80	1.33	8.69	89	6.61	105	96	59	0	3	4	2	
SAVANNAH	49	34	59	25	42	-6	2.88	1.89	1.73	11.94	105	8.70	123	92	61	0	3	5	2	
HI HILO	55	38	61	28	46	-5	1.19	0.39	0.44	7.09	85	4.40	83	96	64	0	2	4	0	
HONOLULU	81	64	82	61	72	1	1.61	-0.87	0.67	11.20	41	4.31	29	91	62	0	0	6	2	
KAHULUI	82	67	84	64	75	2	0.00	-0.55	0.00	8.81	102	6.82	144	83	55	0	0	0	0	
LIHUE	84	63	85	61	73	2	0.00	-0.72	0.00	13.47	148	3.28	57	86	56	0	0	0	0	
ID BOISE	-	-	-	-	-	-	-	-	-	-	-	-	-	83	68	-	-	-	-	
LEWISTON	47	31	57	27	36	4	0.01	-0.25	0.01	5.60	166	2.84	141	82	44	0	5	1	0	
POCATELLO	45	34	60	29	39	1	0.39	0.17	0.25	5.67	189	3.05	171	89	80	0	3	3	0	
IL CHICAGO	39	25	49	13	32	4	0.09	-0.13	0.08	5.08	195	1.95	128	84	47	0	6	2	0	
MOLINE	29	18	33	11	23	-1	0.05	-0.28	0.03	2.86	82	1.71	78	90	61	0	7	2	0	
PEORIA	29	15	35	5	22	-1	0.00	-0.26	0.00	0.87	20	0.16	8	90	83	0	7	0	0	
QUINCY	32	20	39	13	26	1	0.01	-0.31	0.01	2.16	47	1.08	50	87	61	0	7	1	0	
ROCKFORD	33	21	43	15	27	0	-	-	-	-	-	-	-	92	57	0	7	-	-	
SPRINGFIELD	27	13	31	1	20	-2	0.14	-0.12	0.07	3.63	94	1.49	81	92	57	0	7	-	-	
IN EVANSVILLE	33	22	40	16	28	0	0.00	-0.41	0.00	2.26	45	1.55	67	86	61	0	7	0	0	
FORT WAYNE	36	28	39	24	32	-4	0.08	-0.73	0.08	8.56	102	5.05	108	90	63	0	7	1	0	
INDIANAPOLIS	30	19	33	8	24	-1	0.08	-0.39	0.03	5.77	102	2.58	92	88	67	0	7	2	0	
IA SOUTH BEND	34	24	36	21	29	0	0.05	-0.53	0.04	6.72	98	4.40	126	88	61	0	7	2	0	
DES MOINES	29	17	32	3	23	-3	0.00	-0.44	0.00	4.15	84	1.74	55	87	61	0	7	0	0	
SIoux CITY	27	12	31	3	19	-5	0.09	-0.14	0.08	1.02	37	0.51	38	91	69	0	7	2	0	
WATERLOO	26	5	29	-2	16	-7	0.09	-0.08	0.06	0.82	39	0.46	57	91	72	0	7	2	0	
KS CONCORDIA	22	3	27	-14	12	-7	0.21	-0.03	0.15	2.37	93	1.48	118	95	69	0	7	2	0	
DODGE CITY	34	18	49	8	26	-4	0.00	-0.15	0.00	0.67	40	0.60	71	91	70	0	7	0	0	
GOODLAND	40	20	62	15	30	-4	0.01	-0.12	0.01	0.36	25	0.36	46	92	63	0	7	1	0	
TOPEKA	42	18	56	11	30	-2	0.00	-0.08	0.00	0.23	25	0.19	37	89	57	0	7	0	0	
WICHITA	36	21	50	16	29	-2	0.00	-0.23	0.00	0.77	27	0.77	55	90	64	0	7	0	0	
KY BOWLING GREEN	42	22	59	19	32	-3	0.00	-0.24	0.00	0.59	22	0.56	42	86	56	0	7	0	0	
LEXINGTON	37	29	43	25	33	-3	0.36	-0.84	0.36	11.33	104	6.53	110	89	64	0	7	1	0	
LOUISVILLE	34	26	38																	

Weather Data for the Week Ending February 15, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL IN. SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.05 INCH OR MORE
ME CARIBOU	24	-5	33	-20	9	-1	0.63	0.06	0.52	8.24	124	4.82	134	83	53	0	7	2	1
ME PORTLAND	33	14	40	4	24	1	0.82	-0.21	0.82	10.82	108	4.28	81	82	44	0	7	1	1
MD BALTIMORE	38	25	47	18	32	-2	0.90	0.13	0.68	11.87	147	4.90	104	94	55	0	6	3	1
MD SALISBURY	42	28	55	22	35	-1	1.48	0.63	0.86	11.43	125	5.17	95	94	51	0	5	3	2
MA BOSTON	37	28	44	20	32	2	0.36	-0.55	0.31	9.04	96	3.37	81	82	41	0	6	2	0
MA CHATHAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI ALPENA	28	2	32	-19	15	-2	0.16	-0.14	0.05	8.33	193	3.14	137	89	54	0	7	4	0
MI DETROIT	30	18	33	11	24	0	0.08	-0.34	0.05	5.01	92	2.45	94	84	54	0	7	2	0
MI FLINT	29	13	32	-5	21	-2	0.01	-0.29	0.01	4.33	108	2.27	113	87	57	0	7	1	0
MI GRAND RAPIDS	28	16	30	3	22	-1	0.13	-0.20	0.08	4.80	90	2.56	101	86	61	0	7	3	0
MI HOUGHTON LAKE	25	2	29	-22	14	-4	0.00	-0.28	0.00	4.35	108	2.18	104	88	80	0	7	0	0
MI LANSING	28	13	31	-1	20	0	0.00	-0.28	0.00	4.19	103	1.57	78	90	58	0	7	0	0
MI MARQUETTE	25	5	34	-16	15	2	0.45	0.04	0.28	11.59	205	7.15	234	89	61	0	7	6	0
MI MUSKEGON	27	15	31	-2	21	-2	0.00	-0.36	0.00	4.42	72	2.53	81	85	58	0	7	0	0
MI SAULT ST. MARIE	23	4	29	-13	13	0	0.21	-0.21	0.08	6.90	111	2.83	84	86	62	0	7	5	0
MN ALEXANDRIA	17	-5	27	-21	6	-6	-	-	-	-	-	-	-	92	71	0	7	-	-
MN DULUTH	18	1	24	-8	9	-2	0.05	-0.12	0.04	2.02	71	1.51	94	91	54	0	7	2	0
MN INT'L FALLS	17	-9	25	-29	4	-2	0.06	-0.08	0.06	2.31	112	0.83	69	86	53	0	7	1	0
MN MINNEAPOLIS	21	5	25	-5	13	-4	0.15	-0.05	0.07	3.38	140	1.69	126	86	59	0	7	3	0
MN ROCHESTER	18	0	23	-8	9	-7	0.17	0.00	0.11	3.48	163	2.28	205	90	72	0	7	3	0
MS GREENWOOD	47	33	59	29	40	-6	-	-	-	-	-	-	-	96	84	0	3	-	-
MS JACKSON	46	35	58	29	41	-5	2.53	1.37	1.38	11.87	83	8.54	107	91	68	0	1	4	2
MS MERIDIAN	48	34	58	30	41	-7	2.61	1.29	1.79	11.36	87	8.86	108	97	67	0	4	4	2
MO CAPE GIRARDEAU	39	30	47	26	34	-1	0.09	-0.69	0.09	7.33	82	4.49	100	97	59	0	7	1	0
MO COLUMBIA	36	24	47	20	30	0	0.10	-0.31	0.10	3.11	83	2.71	118	92	68	0	7	1	0
MO KANSAS CITY	35	21	48	17	28	-2	0.01	-0.23	0.01	0.93	30	0.93	69	91	68	0	7	1	0
MO SAINT LOUIS	37	26	46	21	31	-2	0.00	-0.49	0.00	4.09	71	3.19	115	87	55	0	7	0	0
MO SPRINGFIELD	40	26	52	20	33	-1	0.00	-0.44	0.00	2.14	41	1.43	55	87	69	0	7	0	0
MT BILLINGS	40	24	47	16	32	4	0.00	-0.14	0.00	1.10	54	0.94	75	82	62	0	6	0	0
MT GLASGOW	27	10	34	0	18	2	0.01	-0.05	0.01	0.83	93	0.32	63	93	76	0	7	1	0
MT GREAT FALLS	40	22	54	12	31	5	0.00	-0.14	0.00	0.55	27	0.20	17	79	52	0	7	0	0
MT HAVRE	35	20	40	10	27	7	0.00	-0.08	0.00	0.59	47	0.14	19	87	69	0	7	0	0
MT HELENA	36	22	50	4	29	4	0.04	-0.05	0.04	0.94	85	0.35	41	82	57	0	5	1	0
MT KALISPELL	32	20	41	4	26	0	0.24	-0.04	0.13	5.07	131	1.80	83	93	73	0	6	5	0
MT MILES CITY	35	21	40	12	28	5	0.00	-0.11	0.00	0.67	48	0.23	29	95	65	0	7	0	0
MT MISSOULA	35	22	48	7	28	0	0.36	0.17	0.26	6.52	229	2.07	122	92	64	0	6	4	0
NE GRAND ISLAND	31	17	41	14	24	-2	0.00	-0.15	0.00	0.78	63	0.83	82	90	72	0	7	0	0
NE LINCOLN	31	17	40	11	24	-2	0.00	-0.15	0.00	0.85	39	0.53	65	93	68	0	7	0	0
NE NORFOLK	28	16	37	10	22	-2	0.06	-0.11	0.08	1.17	75	0.83	101	87	71	0	7	1	0
NE NORTH PLATTE	36	11	45	-4	24	-3	0.08	-0.01	0.08	0.52	51	0.52	85	89	84	0	7	1	0
NE OMAHA	30	14	36	6	22	-4	0.00	-0.17	0.00	1.38	64	1.01	98	87	66	0	7	0	0
NE SCOTTSBLUFF	43	18	48	11	30	1	0.00	-0.11	0.00	0.61	48	0.42	61	84	35	0	7	0	0
NE VALENTINE	32	17	41	2	25	-2	0.00	-0.13	0.00	0.82	53	0.48	71	93	68	0	7	0	0
NV ELY	44	17	62	7	30	1	0.00	-0.17	0.00	1.78	99	1.48	136	85	35	0	7	0	0
NV LAS VEGAS	64	41	71	32	53	2	0.00	-0.11	0.00	0.20	18	0.20	28	38	17	0	1	0	0
NV RENO	52	24	63	18	38	0	0.00	-0.25	0.00	6.70	255	3.75	227	88	36	0	7	0	0
NH WINNEMUCCA	51	22	59	18	37	1	0.00	-0.14	0.00	4.58	235	1.81	150	91	35	0	7	0	0
NH CONCORD	32	9	38	3	21	0	0.44	-0.19	0.43	10.89	153	4.94	128	91	44	0	7	2	0
NJ ATLANTIC CITY	41	24	53	17	33	0	1.50	0.78	1.03	12.75	152	6.17	121	88	51	0	5	3	1
NM ALBUQUERQUE	53	29	57	25	41	2	0.02	-0.09	0.02	0.57	47	0.57	79	68	21	0	6	1	0
NM CLOVIS	49	24	63	21	36	-4	-	-	-	-	-	-	-	99	47	0	7	-	-
NM ROSWELL	49	26	61	21	37	-7	-	-	-	-	-	-	-	95	54	0	7	-	-
NY ALBANY	32	15	38	4	24	1	0.10	-0.45	0.10	5.89	91	1.71	48	87	52	0	7	1	0
NY BINGHAMTON	28	13	34	2	20	-1	0.16	-0.42	0.11	8.12	123	1.78	49	89	50	0	7	2	0
NY BUFFALO	29	14	34	2	21	-2	0.21	-0.37	0.10	8.89	117	5.47	139	90	62	0	7	4	0
NY NEW YORK	40	29	45	24	34	2	0.91	0.22	0.78	12.12	153	6.22	138	73	33	0	6	2	1
NY ROCHESTER	32	16	37	4	24	0	0.12	-0.40	0.06	6.82	99	2.85	89	89	55	0	7	2	0
NY SYRACUSE	30	16	36	0	23	0	0.20	-0.32	0.10	6.40	97	2.15	62	84	51	0	7	2	0
NC ASHEVILLE	36	28	47	22	34	-5	1.04	-0.03	0.63	11.22	108	7.30	119	93	67	0	7	4	1
NC CHARLOTTE	45	32	55	27	39	-3	2.10	1.16	1.13	8.28	90	5.67	99	95	58	0	5	4	1
NC GREENSBORO	40	29	48	27	35	-4	1.33	0.52	0.83	8.38	101	4.54	92	97	63	0	7	3	2
NC HATTERAS	47	37	60	28	42	-3	2.54	1.51	1.21	11.25	93	6.94	91	94	69	0	1	4	3
NC NEW BERN	48	35	58	28	42	-3	2.58	1.51	1.57	8.53	93	6.22	94	94	61	0	3	4	2
NC RALEIGH	45	32	55	30	39	-3	1.94	1.03	0.82	8.41	87	5.53	102	94	60	0	3	4	2
NC WILMINGTON	53	34	66	29	43	-2	2.86	1.57	1.75	8.80	79	6.15	87	99	64	0	4	4	1
ND BISMARCK	26	6	37	-4	16	1	0.29	0.18	0.28	1.82	154	1.14	165	87	68	0	7	2	0
ND FARGO	17	-8	32	-22	6	-5	0.05	-0.06	0.04	0.77	48	0.57	62	86	69	0	7	2	0
ND GRAND FORKS	18	-4	33	-16	7	-2	0.10	-0.01	0.08	1.48	91	0.74	77	87	70	0	7	2	0
ND WILLISTON	24	3	31	-16	14	-2	0.01	-0.10	0.01	1.37	101	0.19	25	89	72	0	7	1	0
OH AKRON-CANTON	31	18	35	4	25	-2	0.15	-0.38	0.07	6.28	101	2.34	72	93	65	0	7	4	0
OH CINCINNATI	34	24	38	19	29	-2	0.09	-0.54	0.09	7.01	100	3.86	99	91	61	0	7	1	0
OH CLEVELAND	32	21	36	11	27	0	0.07	-0.46	0.03	5.35	86	2.32	74	86	55	0	7	3	0
OH COLUMBUS	33	24	38	16	28	2	0.09	-0.44	0.09	6.55	108	3.20	105	88	53	0	7	1	0
OH DAYTON	32	21	34	13	27	-2	0.04	-0.47	0.04	6.92	114	3.45	108	91	65	0	7	1	0

Based on 1961-90 normals

Weather Data for the Week Ending February 15, 1997

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE Dec 1	PCT. NORMAL SINCE Dec 1	TOTAL IN, SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.		
																		01 INCH OR MORE	05 INCH OR MORE	01 INCH OR MORE	05 INCH OR MORE	
OK	30	18	34	8	26	1	0.04	-0.37	0.04	6.81	106	3.26	125	88	69	0	7	1	1	0	0	
OK	31	18	36	3	26	0	0.00	-0.48	0.00	3.65	80	0.97	31	86	80	0	7	0	0	0	0	
OK	48	29	83	21	39	-1	0.00	-0.36	0.00	0.77	24	0.77	42	90	64	0	6	0	0	0	0	
OR	49	29	82	22	39	0	0.00	-0.46	0.00	0.76	16	0.86	27	82	50	0	6	0	0	0	0	
OR	50	39	68	32	44	0	1.14	-0.77	0.39	34.29	138	14.26	100	82	70	0	2	5	0	0	0	
OR	42	25	54	20	33	6	0.03	-0.16	-	6.70	228	2.76	201	96	69	0	7	-	-	0	0	
OR	53	33	83	28	43	1	0.15	-0.33	0.08	14.01	198	4.06	107	96	47	0	3	2	0	0	0	
OR	46	33	64	27	39	0	0.14	-0.14	0.11	3.09	82	1.40	66	87	62	0	4	2	0	0	0	
OR	60	36	69	28	43	0	0.47	-0.49	0.26	19.97	148	7.86	104	93	67	0	3	4	0	0	0	
PA	51	35	60	28	43	0	0.32	-0.81	0.28	24.45	161	9.74	118	93	82	0	3	3	0	0	0	
PA	38	21	43	14	28	0	0.37	-0.36	0.37	11.24	137	3.94	83	86	40	0	7	1	0	0	0	
PA	30	18	35	0	24	-1	0.06	-0.60	0.06	6.03	73	2.71	81	83	68	0	7	1	0	0	0	
PA	38	26	43	19	31	1	0.44	-0.28	-	9.26	122	3.27	76	84	47	0	6	-	-	0	0	
PA	39	26	47	20	32	1	0.86	0.09	0.63	13.99	180	6.26	103	84	46	0	6	3	1	0	0	
PA	32	21	37	8	27	-1	0.18	-0.39	0.13	4.71	71	2.82	76	80	60	0	7	4	0	0	0	
RI	31	20	38	12	25	0	0.21	-0.31	0.14	7.74	136	2.47	78	81	44	0	7	3	0	0	0	
RI	40	25	60	19	32	3	0.89	-0.19	0.66	12.69	124	5.98	103	86	41	0	7	2	1	0	0	
SC	56	37	61	29	46	-4	2.13	1.34	1.31	6.37	77	4.24	83	97	69	0	1	4	1	0	0	
SC	49	33	69	26	41	-6	2.40	1.39	1.26	9.67	96	7.33	111	94	66	0	2	4	2	0	0	
SC	50	36	61	30	42	-4	-	-	-	-	-	-	-	100	56	0	1	-	-	-	0	
SD	46	31	67	28	38	-4	2.06	0.98	1.11	11.82	113	7.76	122	96	82	0	5	4	2	0	0	
SD	20	-6	33	-19	7	-8	0.06	-0.06	0.04	2.22	211	2.11	232	89	72	0	7	2	0	0	0	
SD	22	2	36	-8	12	-6	0.00	-0.16	0.00	1.66	136	1.29	193	87	74	0	7	0	0	0	0	
SD	36	19	42	13	27	1	0.07	-0.06	0.07	1.78	180	0.77	128	92	86	0	7	1	0	0	0	
SD	22	-2	26	-13	10	-9	0.26	0.11	0.21	2.24	162	1.46	187	94	73	0	7	4	0	0	0	
TN	44	32	61	26	38	-3	0.86	-0.61	0.63	11.04	98	7.86	104	83	61	0	3	4	1	0	0	
TN	41	32	47	24	37	-3	0.30	-0.68	0.23	11.47	108	6.12	98	88	62	0	4	3	0	0	0	
TN	44	34	66	32	39	-4	0.87	-0.19	0.87	15.40	133	9.23	168	86	68	0	2	1	1	0	0	
TX	41	30	49	26	36	-4	0.46	-0.47	0.46	9.68	96	6.63	100	90	63	0	5	1	0	0	0	
TX	49	32	60	30	40	-6	1.02	0.74	0.98	2.86	100	2.86	103	96	68	0	5	3	1	0	0	
TX	48	24	62	21	36	-2	0.03	-0.11	0.03	0.82	89	0.77	99	96	60	0	7	1	0	0	0	
TX	51	39	60	34	46	-7	1.88	1.33	1.70	6.82	123	3.86	128	93	67	0	0	3	1	0	0	
TX	63	41	69	37	47	-6	2.93	2.08	2.88	11.69	101	8.33	126	94	68	0	0	2	1	0	0	
TX	88	49	78	42	68	-4	0.12	-0.17	0.06	1.81	46	0.83	37	96	69	0	0	6	0	0	0	
TX	69	44	70	34	52	-6	0.14	-0.38	0.08	1.83	40	0.91	32	96	69	0	0	3	0	0	0	
TX	66	37	86	29	46	-7	0.13	-0.23	0.08	0.72	24	0.38	20	96	69	0	1	3	0	0	0	
TX	61	29	71	26	46	-3	0.06	-0.06	0.06	0.44	36	0.44	70	83	21	0	5	1	0	0	0	
TX	51	36	61	32	44	-2	2.96	2.37	2.89	4.86	96	4.39	146	96	70	0	2	3	1	0	0	
TX	66	45	83	44	60	-6	1.83	1.08	1.67	9.28	116	6.72	128	96	71	0	0	3	1	0	0	
TX	64	39	83	31	46	-6	2.26	1.33	2.19	10.42	99	6.32	110	96	82	0	1	4	1	0	0	
TX	48	27	69	22	37	-6	0.36	0.18	0.22	0.68	56	0.68	96	93	54	0	7	2	0	0	0	
TX	49	30	63	26	40	-8	0.20	0.06	0.18	0.61	40	0.61	66	97	63	0	6	3	0	0	0	
TX	48	32	60	29	40	-7	0.32	0.04	0.24	2.40	112	2.36	172	97	68	0	5	4	0	0	0	
TX	63	37	80	32	46	-8	1.22	0.76	1.10	3.34	80	1.80	96	94	82	0	1	5	1	0	0	
TX	68	42	68	36	50	-4	0.46	-0.26	0.34	6.70	84	4.89	94	94	80	0	0	4	0	0	0	
TX	61	36	69	31	43	-6	3.87	3.46	3.96	9.66	209	7.68	279	96	88	0	2	2	1	0	0	
TX	51	32	63	28	41	-2	0.12	-0.36	0.12	1.39	46	1.39	79	96	69	0	3	1	0	0	0	
UT	49	20	66	16	36	1	0.07	-0.14	0.07	3.20	178	2.22	200	87	36	0	7	1	0	0	0	
UT	46	26	68	20	35	2	0.30	0.01	0.30	4.80	162	3.07	177	86	43	0	7	1	0	0	0	
VT	28	9	36	-6	18	1	0.16	-0.23	0.12	6.77	114	2.16	81	90	60	0	7	3	0	0	0	
VA	44	32	63	26	38	-2	1.42	0.67	0.89	8.30	94	4.48	80	94	67	0	4	4	1	0	0	
VA	41	29	49	27	35	-3	1.29	0.52	-	8.93	110	4.02	82	96	62	0	7	-	-	0	0	
VA	39	28	48	24	33	-3	0.86	-0.10	0.43	7.71	108	6.08	121	91	69	0	7	4	0	0	0	
WA	48	37	61	27	43	1	2.93	-0.24	1.67	37.76	103	23.41	110	99	68	0	2	5	1	0	0	
WA	48	39	68	28	43	0	0.71	-0.30	0.49	19.23	142	7.93	104	96	71	0	1	4	0	0	0	
WA	37	26	48	18	32	-1	0.39	0.02	0.24	6.39	123	2.29	82	97	76	0	5	3	0	0	0	
WA	42	27	61	22	34	-1	0.18	-0.01	-	6.93	229	1.34	81	90	64	0	6	-	-	0	0	
WV	32	23	39	19	28	-4	0.19	-0.63	0.12	6.74	88	3.83	86	98	74	0	7	3	0	0	0	
WV	39	30	49	26	34	0	0.14	-0.60	0.09	4.61	68	2.74	91	88	82	0	6	4	0	0	0	
WV	38	27	43	24	32	-1	0.28	-0.49	0.22	6.34	88	3.22	70	93	68	0	6	2	0	0	0	
WI	34	24	37	17	29	-3	0.07	-0.62	0.06	6.28	70	2.89	61	93	69	0	7	2	0	0	0	
WI	24	4	28	-10	14	-3	0.00	-0.23	0.00	3.60	111	2.28	140	87	63	0	7	0	0	0	0	
WI	26	6	30	-6	16	-3	0.13	-0.07	-	4.23	184	2.82	204	92	63	0	7	-	-	0	0	
WI	26	6	30	-6	16	-4	0.11	-0.13	0.11	3.09	94	1.79	108	90	58	0	7	1	0	0	0	
WI	28	16	36	13	22	0	0.04	-0.29	0.04	3.67	77	2.24	96	81	66	0	7	1	0	0	0	
WI	24	5	28	-8	16	-1	0.00	-0.19	0.00	4.16	161	2.38	180	84	49	0	7	0	0	0	0	
WY	36	12	44	1	23	-3	0.00	-0.14	0.00	1.09	73	0.88	80	82	68	0	7	0	0	0	0	
WY	38	18	42	7	27	-2	0.08	-0.02	0.04	0.62	66	0.61	83	89	46	0	7	2	0	0	0	
WY	38	14	60	3	26	1	0.02	-0.12	0.01	0.84	49	0.32	43	78	47	0	7	2	0	0	0	
WY	36	18	41	7	26	0	0.00	-0.17	0.00	1.41	77	0.70	84	89	61	0	7	0	0	0	0	
PR	-	-	-	-	-	-	1.10	0.66	-	10.67	122	7.28	183	91	73	-	-	-	-	-	0	0

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.

International Weather and Crop Summary

February 9 - 15, 1997

HIGHLIGHTS

FSU-WESTERN: Mild weather favored winter grains but melted protective snow cover in western and southern areas.

EUROPE: Widespread light to moderate rain in northern Europe boosted soil moisture reserves.

NORTHWESTERN AFRICA: Unfavorable dryness returned to winter grain areas in Algeria and Tunisia.

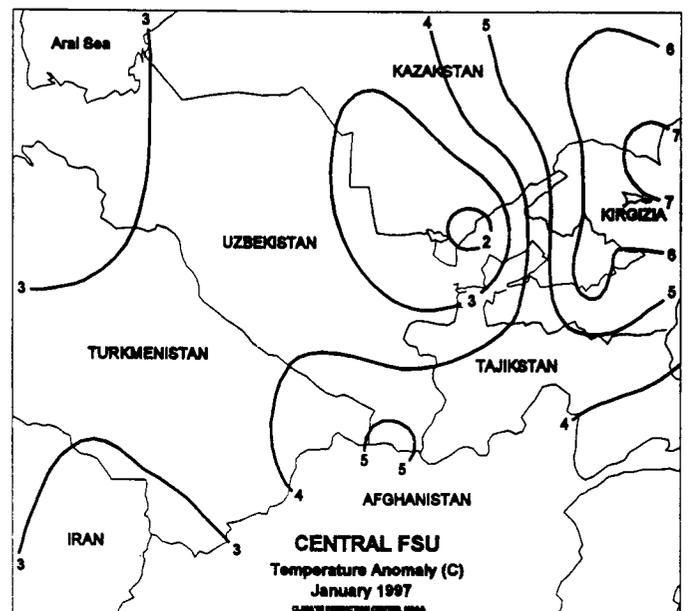
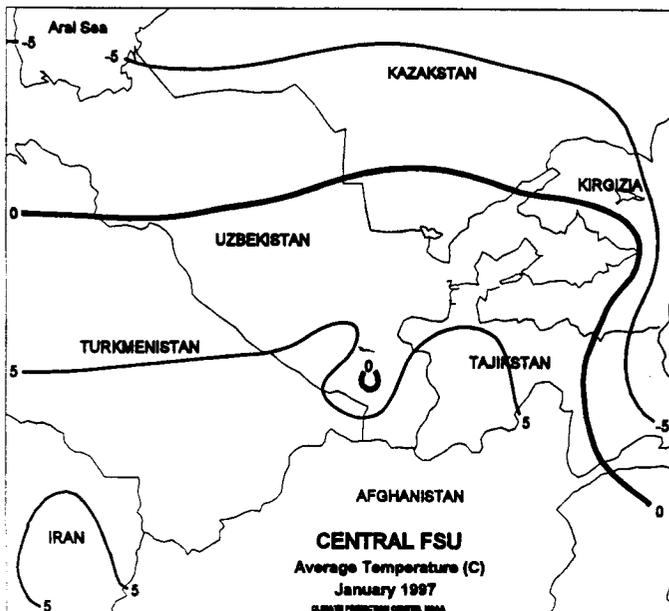
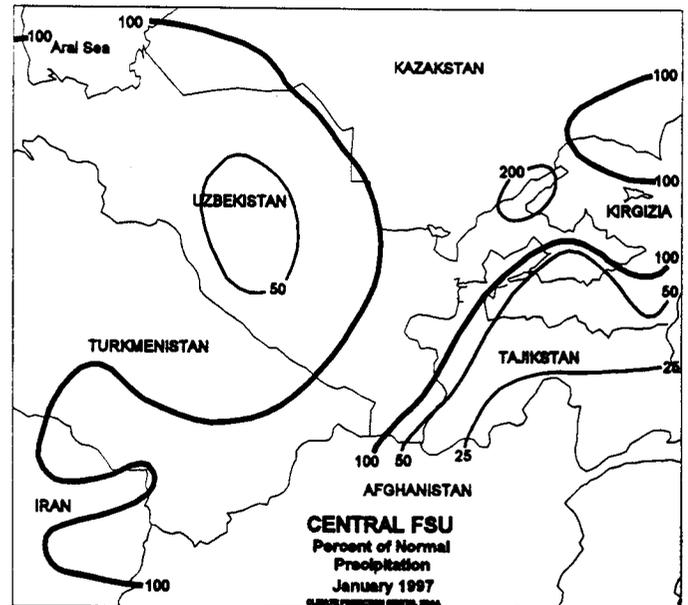
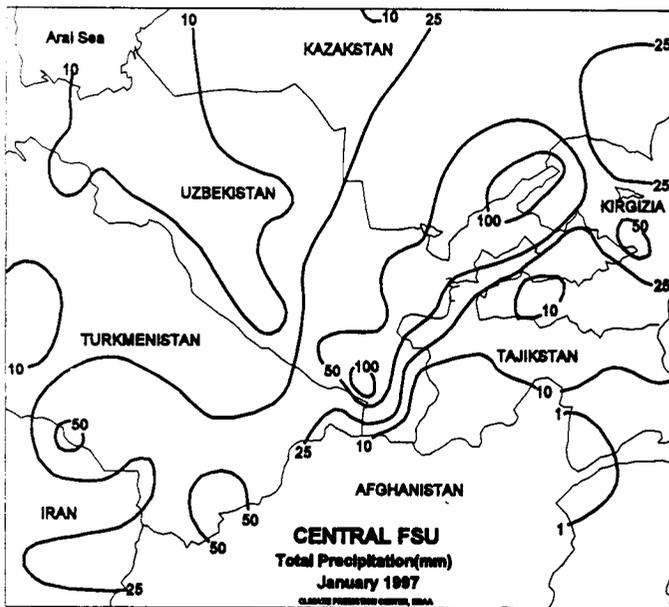
EASTERN ASIA: Warmer weather reduced hardness for winter wheat across the North China Plain. Rain continued across southern China, aiding winter grains and oilseeds.

SOUTH AFRICA: Showers brought only local relief to the eastern corn belt as immature crops awaited additional rain for normal development.

SOUTHEAST ASIA: Showers maintained moisture supplies for main-season rice in Java and second-season crops in the Philippines.

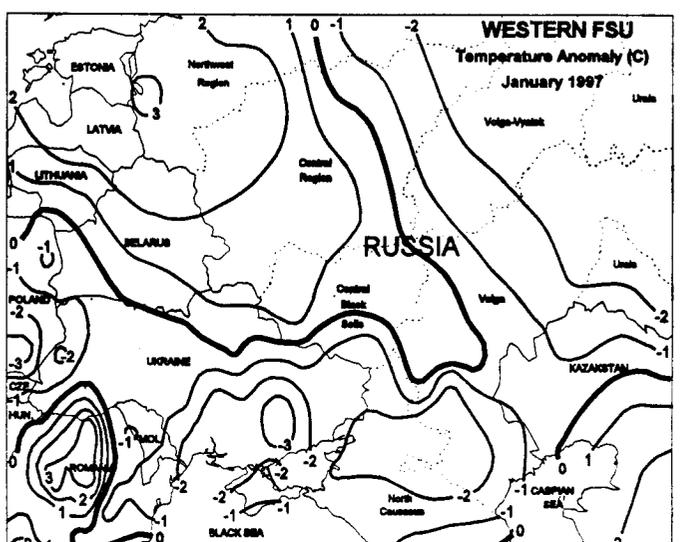
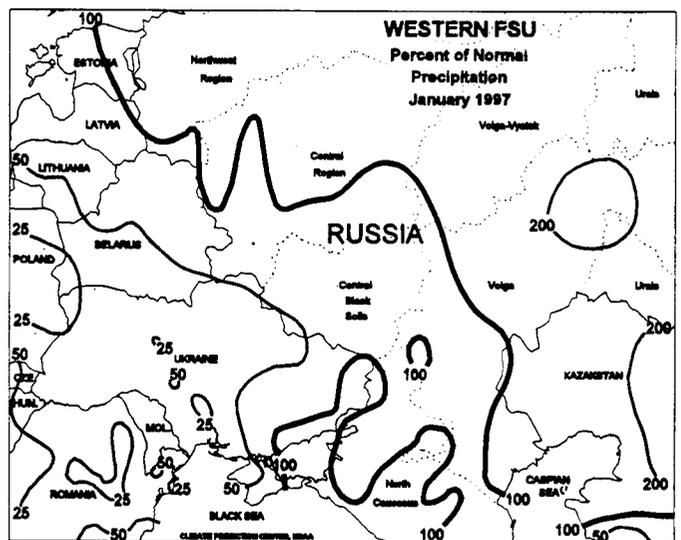
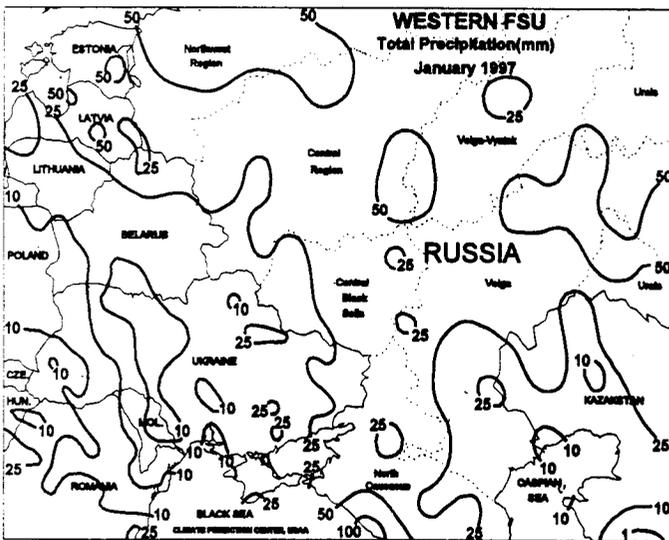
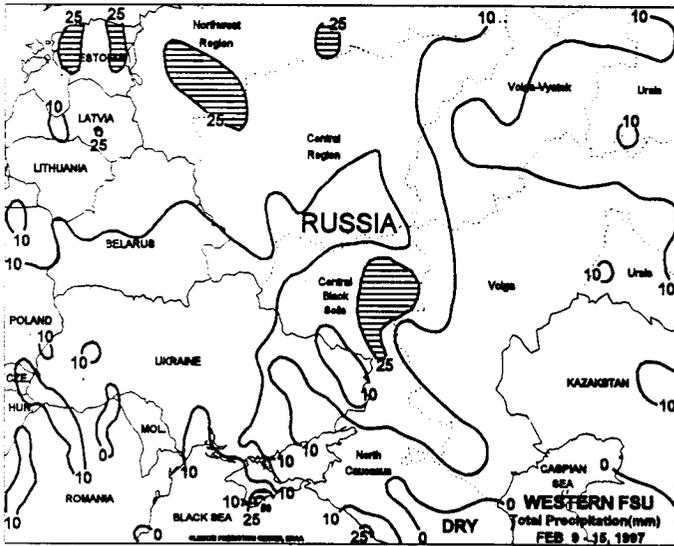
AUSTRALIA: Heavy rain returned to the east, renewing flooding and possibly damaging cotton.

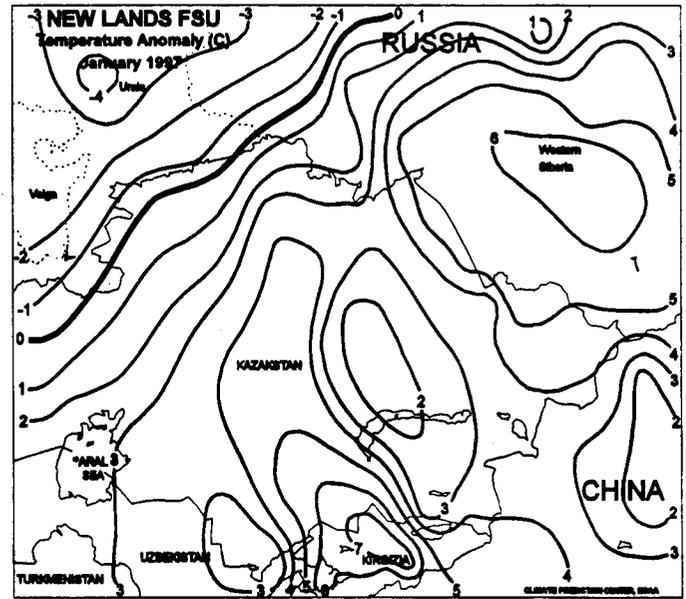
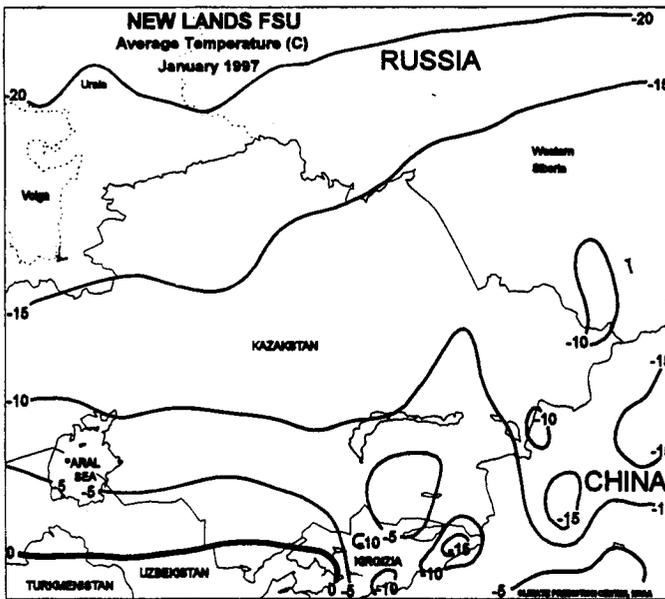
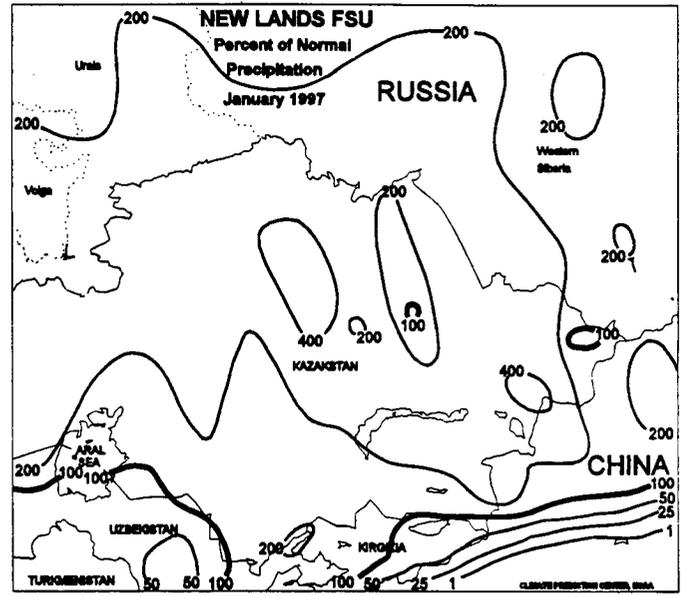
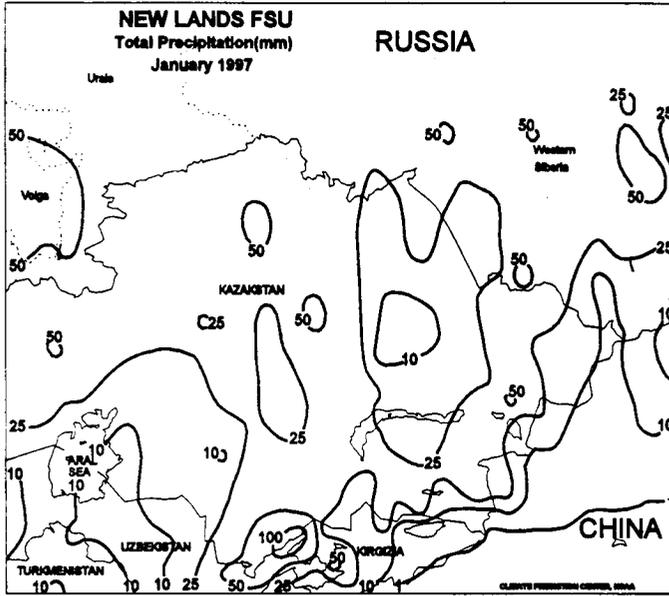
SOUTH AMERICA: Rain is needed for reproductive soybeans in portions of central Argentina.



FSU-WESTERN

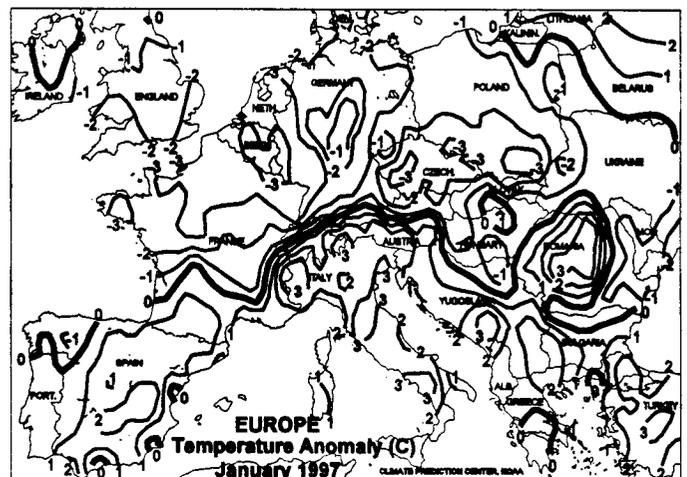
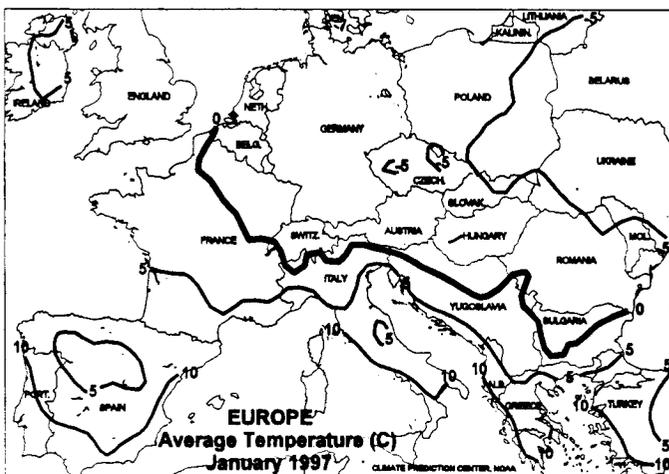
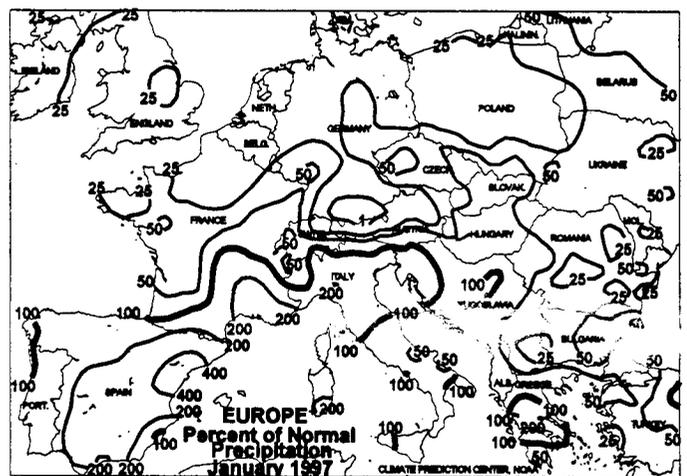
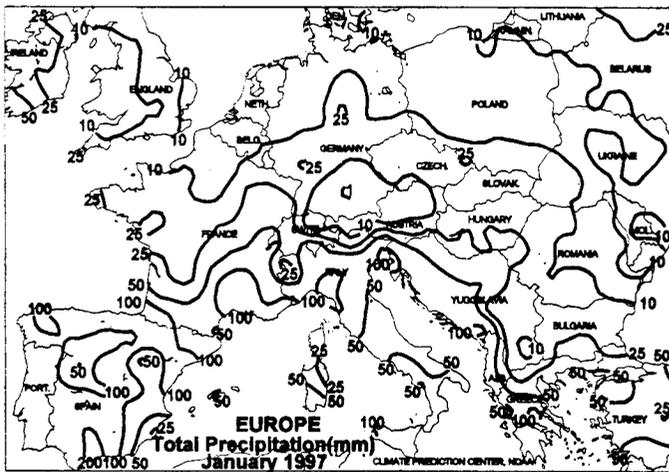
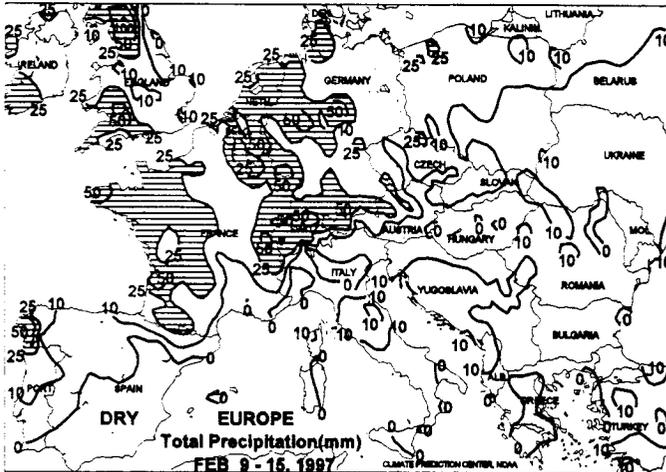
Unusually mild weather prevailed over most winter grain areas, providing favorable overwintering conditions. Weekly temperatures averaged 5 to 10 degrees C above normal over Russia, Ukraine, Belarus, and the Baltics. Furthermore, temperatures rose above freezing in most areas, with extreme maximum temperatures ranging from 5 to 14 degrees Celsius in Ukraine, southern Russia, southern Belarus, and Lithuania. While the mild weather favored winter grains, it melted protective snow cover in western and southern areas. Widespread precipitation (3-27 mm) fell in most areas during the week, occurring mainly as rain in the west and south and snow in the northeast. Rain turned to snow in the Baltics as seasonably colder weather returned by week's end. In January, below-normal precipitation fell in Ukraine, southern Russia, Belarus, and Lithuania, limiting moisture recharge. Above-normal precipitation fell over northern Russia, maintaining a deep snow cover. In early January, unseasonably cold weather prevailed over winter grain areas in Russia, Ukraine, Belarus, and the Baltics. However, on about January 14, a warming trend began over these areas and persisted until month's end, providing favorable overwintering conditions for dormant winter grains.





EUROPE

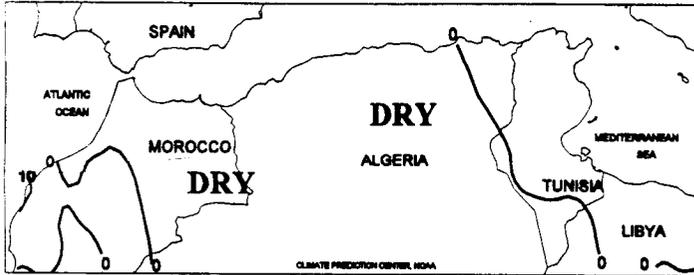
Above-normal temperatures prevailed over most of Europe, favoring winter grains and oilseeds, which remained dormant to semi-dormant over most of the region. Weekly temperatures averaged 3 to 6 degrees C above normal in the western half of Europe and 5 to 9 degrees C above normal in the east. Widespread, beneficial rain spread from England and northern France, eastward through Germany, into Poland, boosting soil moisture reserves. Precipitation amounts in these areas ranged from 10 to 30 mm, with local amounts exceeding 40 mm. Elsewhere, mostly dry weather extended from Spain, eastward through northern Italy, into southeastern Europe. The dryness in Spain was especially welcomed, following heavy rain in January. In January, unusually cold and dry weather prevailed across northern and eastern Europe. Precipitation in these areas was well below normal (around 25 percent of normal) in January, limiting winter moisture recharge. In contrast, heavy rains occurred in the Iberian peninsula. More than two times the normal amount of rain fell in Spain, with greatest amounts of precipitation (150-231 mm) occurring in southern Spain. Although the heavy rain in southern Spain caused flooding and localized damage to crops and infrastructure, the moisture boosted reservoir and soil moisture levels and benefited pastures.



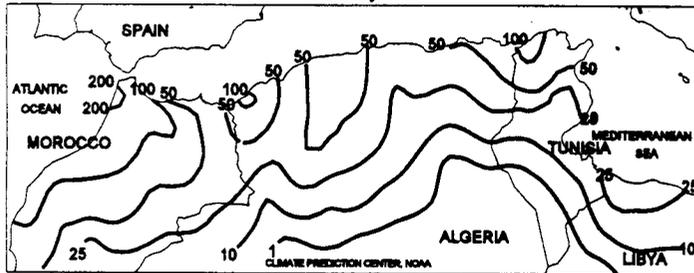
NORTHWESTERN AFRICA

In Morocco, the third consecutive week of dryness prevailed over winter grain areas, lowering topsoil moisture. However, since more than twice the normal amount of rain fell over Morocco in January, subsoil moisture reserves were adequate to meet the increasing moisture requirements for winter grains in the jointing stage. Farther east, unfavorably dry weather returned to winter grain areas in Algeria and Tunisia, where precipitation accumulations since the beginning of the growing season have been substantially below normal. In January, well below normal precipitation occurred in central and eastern Algeria and northern Tunisia, with above-normal rain falling in western Algeria. The dryness in Algeria and Tunisia has likely caused spotty emergence, stunted plant growth, and accelerated crop development. As a result, yield prospects for winter wheat and barley have been reduced and rain is needed soon to prevent further declines in yield.

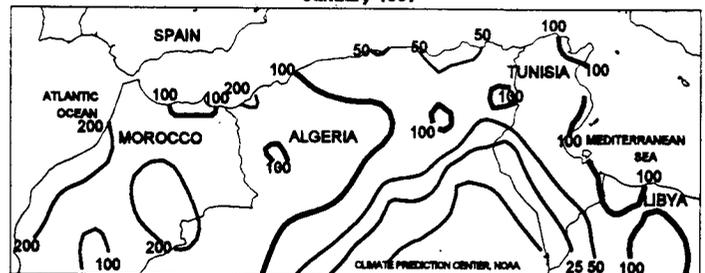
NORTHWEST AFRICA Total Precipitation (mm)
FEB 9 - 15, 1997



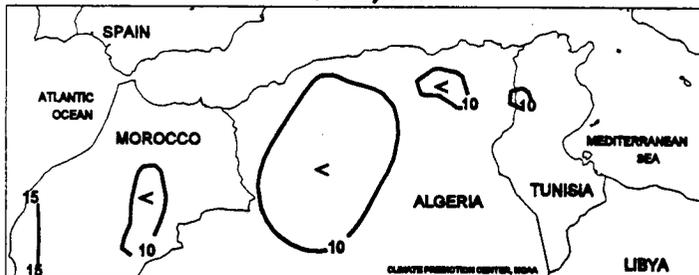
NORTHWEST AFRICA Total Precipitation (mm)
January 1997



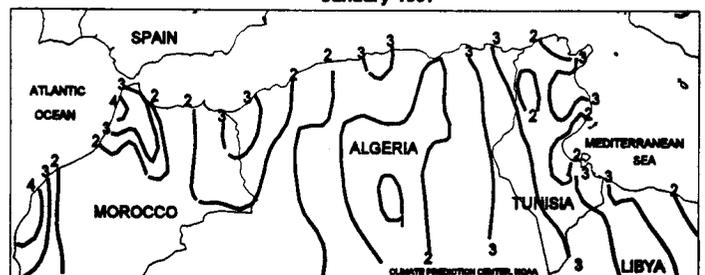
NORTHWEST AFRICA Percent of Normal Precipitation
January 1997

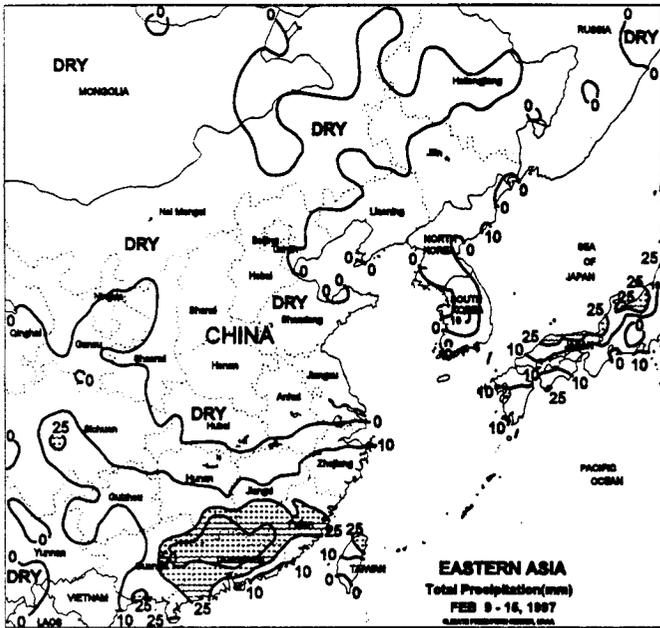


NORTHWEST AFRICA Average Temperature (C)
January 1997



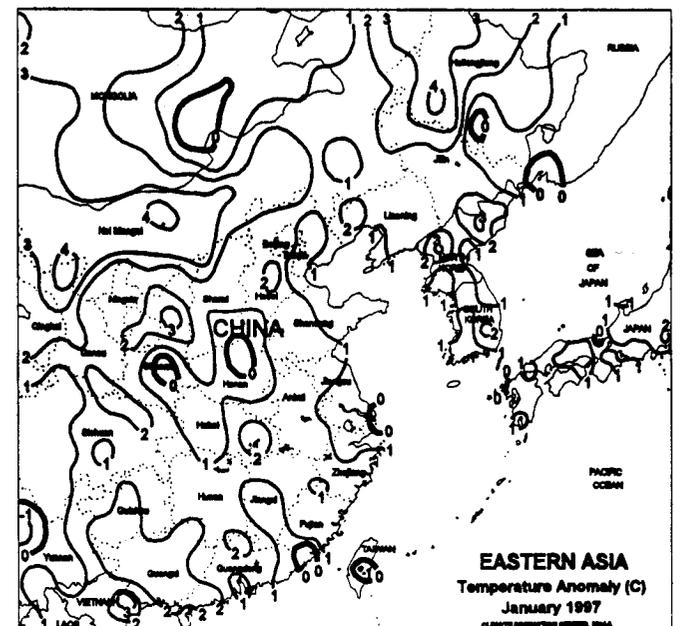
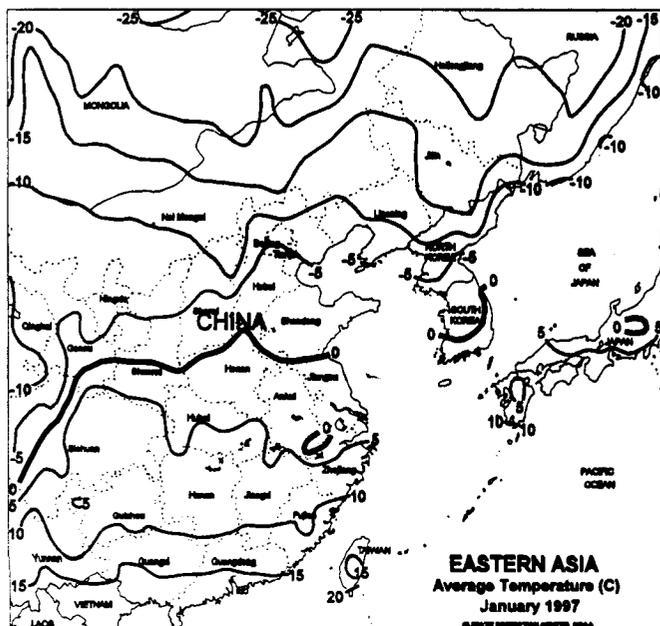
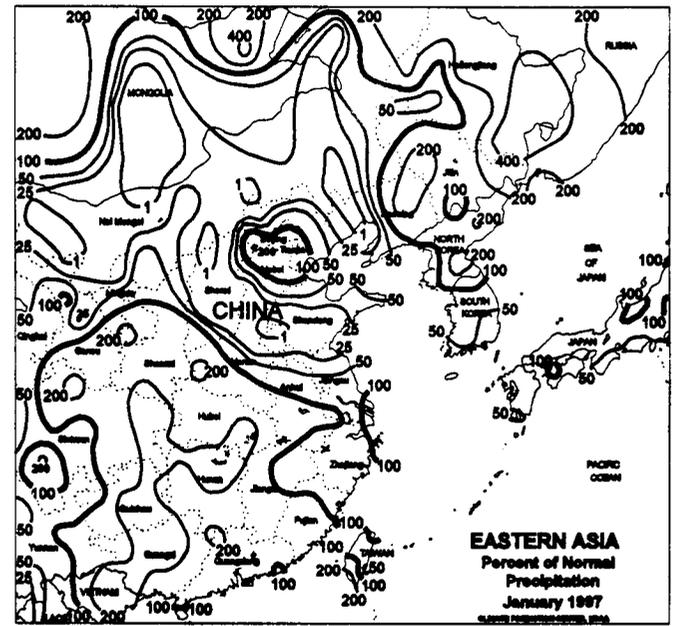
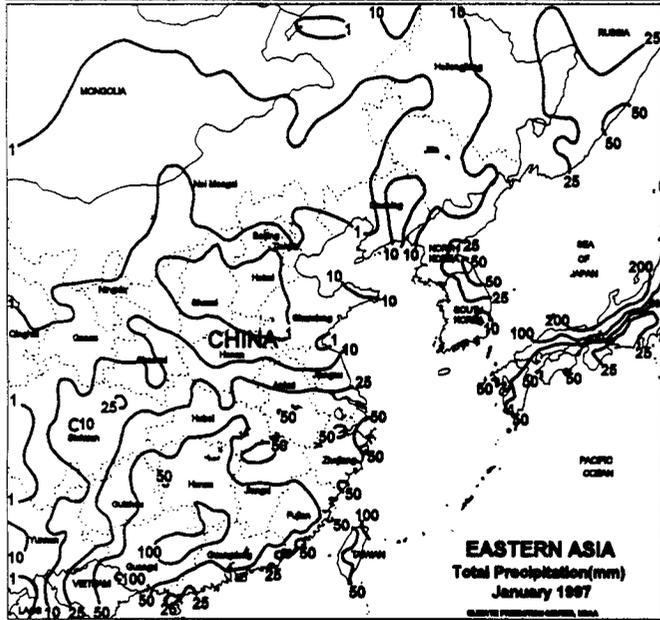
NORTHWEST AFRICA Temperature Anomaly (C)
January 1997





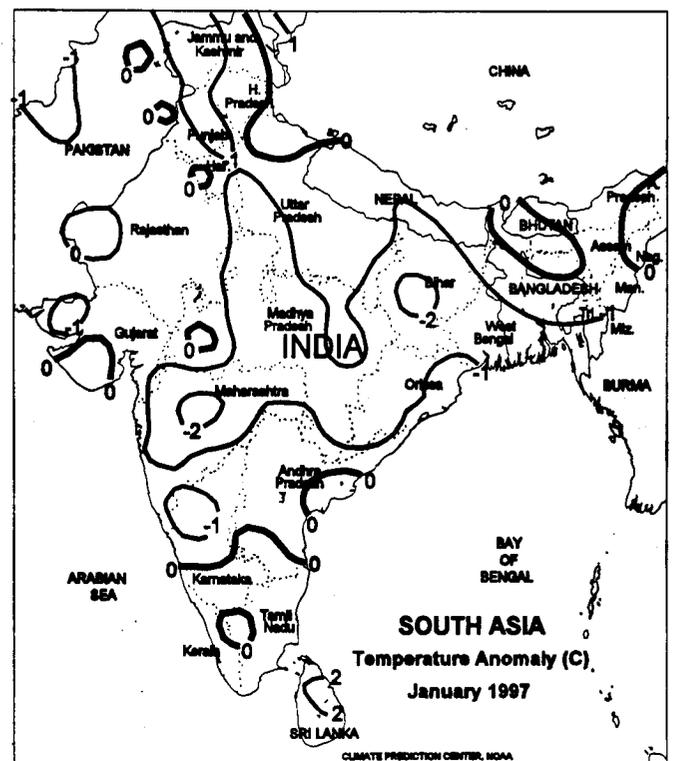
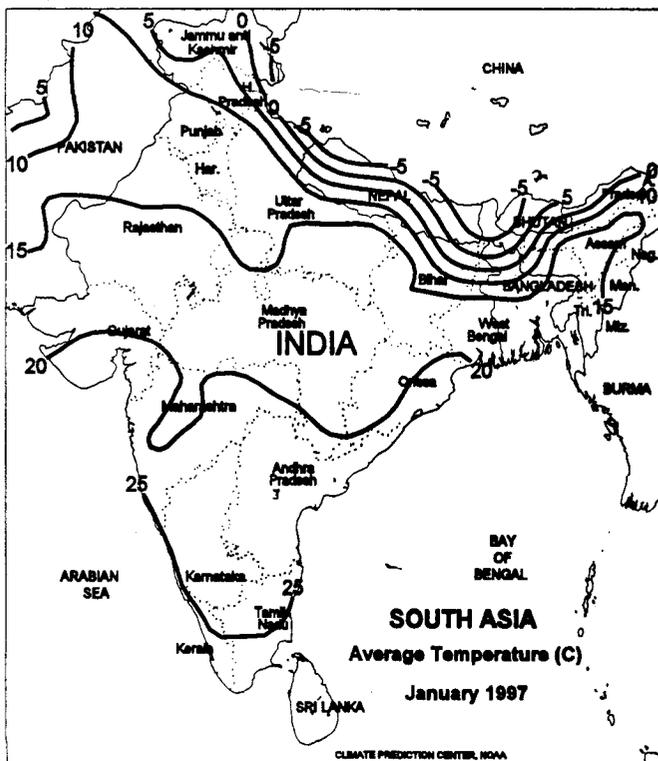
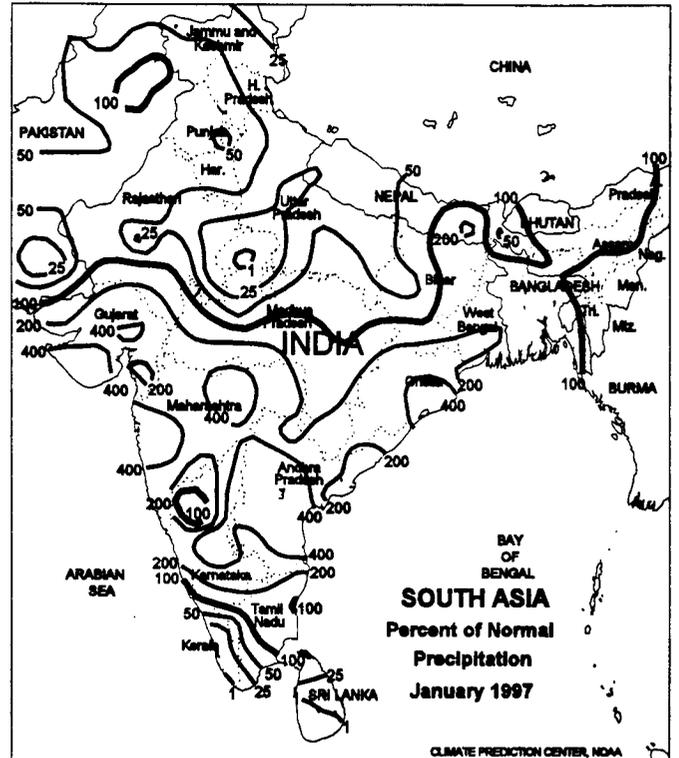
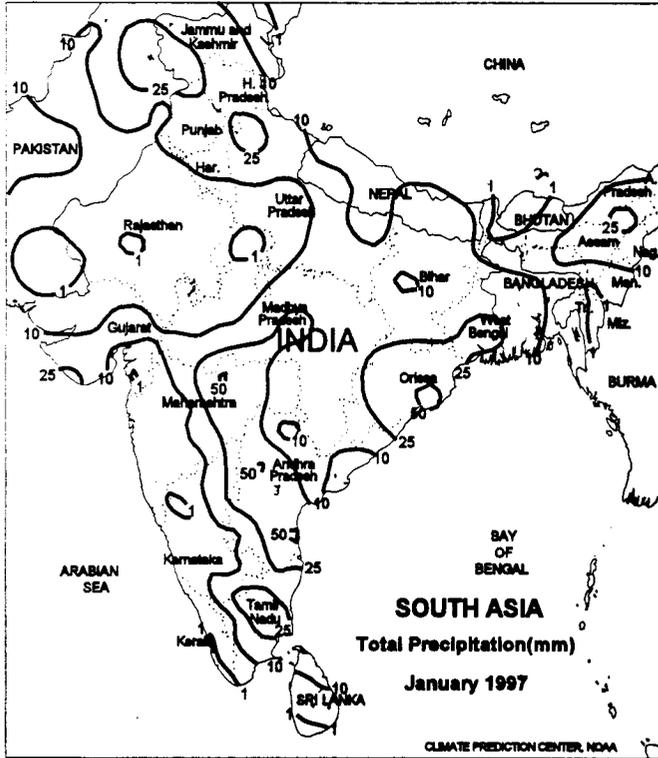
EASTERN ASIA

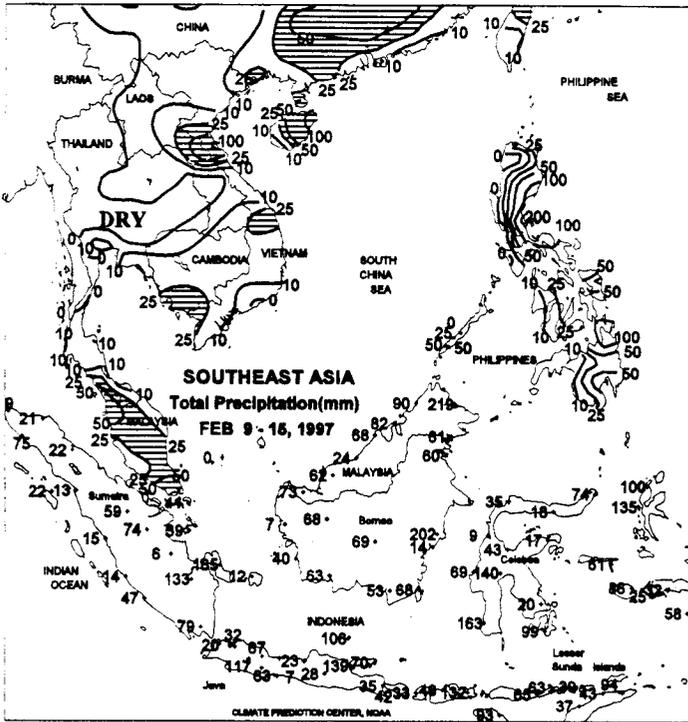
Warmer weather (3-5 degrees C above normal) reduced winter hardness for dormant winter wheat across the North China Plain. Seasonably dry weather prevailed across the region. Light to moderate rain (10-50 mm) covered southern China (south of the Yangtze Valley), aiding winter grains and oilseeds. During January, near- to above-normal precipitation covered most of central and southern China, boosting irrigation supplies for summer crops as well as favoring winter crops. Seasonably dry weather (less than 5 mm) prevailed across the North China Plain for the month.



SOUTH ASIA

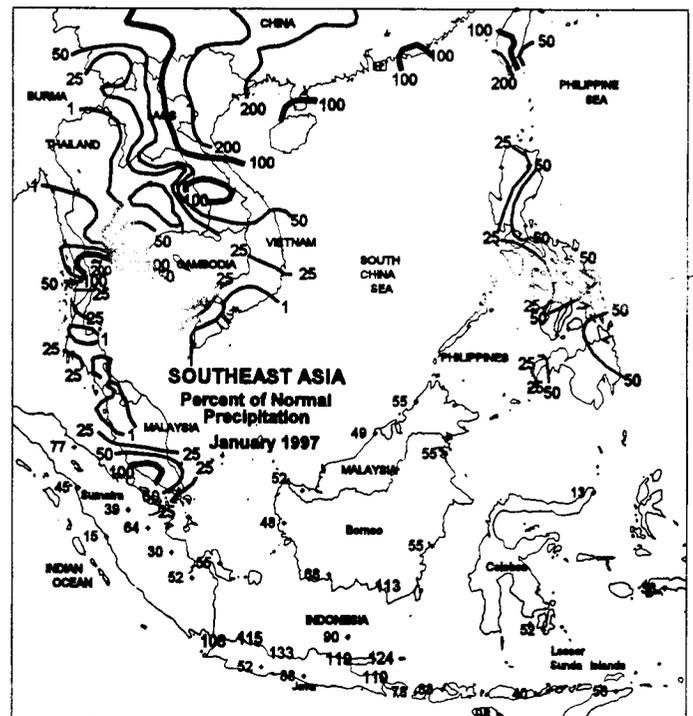
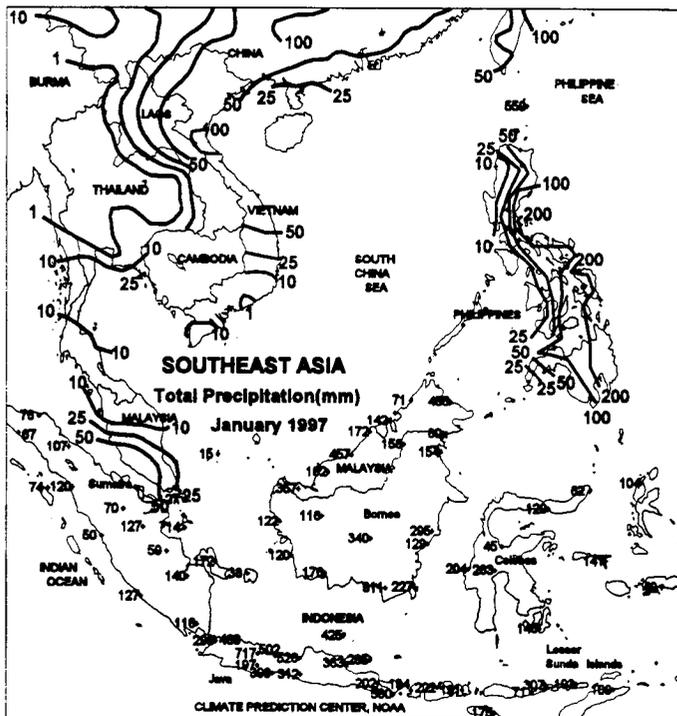
During January, rainfall was below normal (10-34 mm, total accumulation) across India's main winter grain and oilseed areas. Somewhat heavier rain (25-50 mm) fell in Pakistan north of the main crop areas, boosting irrigation reserves. Unseasonable rain (10-25 mm or more) increased irrigation reserves over sections of southern India as well. January temperatures averaged near to below normal across the region, slowing crop development and reducing evaporation rates. Lows periodically dipped below 5 degrees C in north-central India and Pakistan, retarding development but likely resulting in no significant problems.

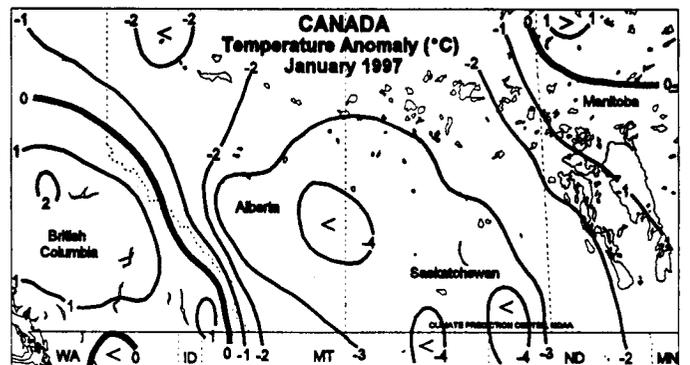
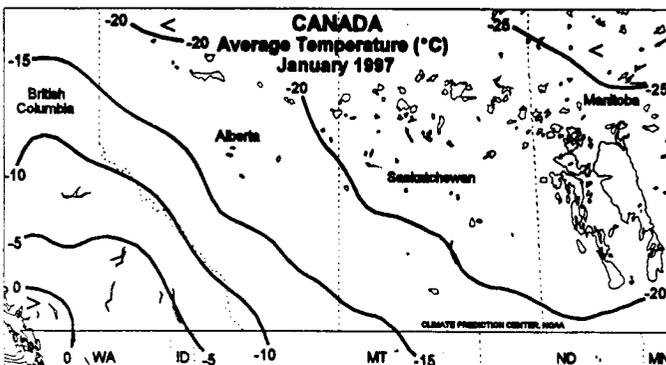
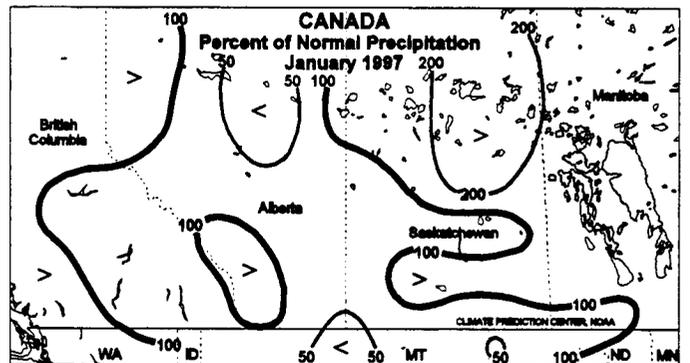
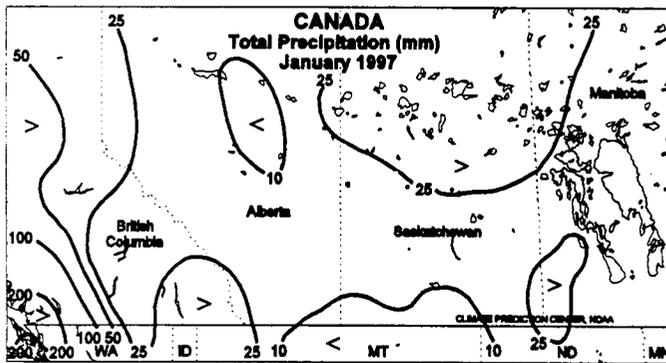
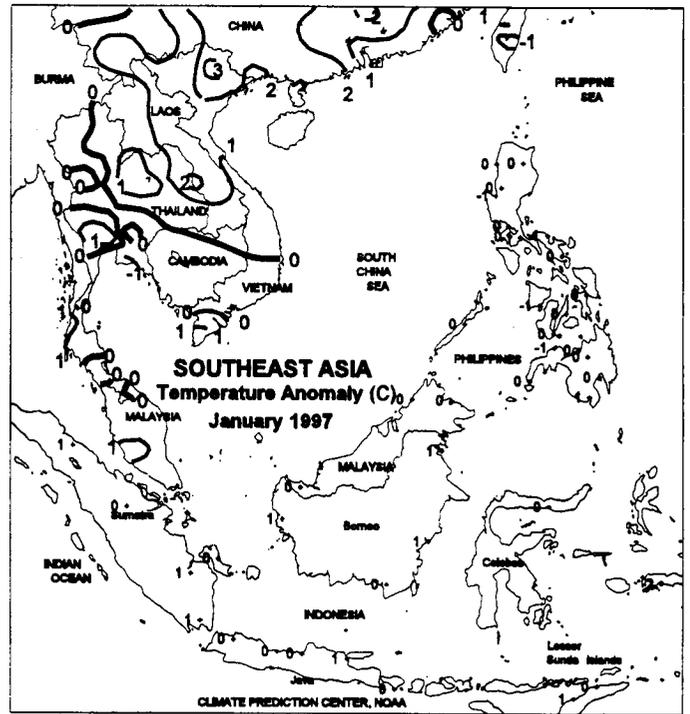
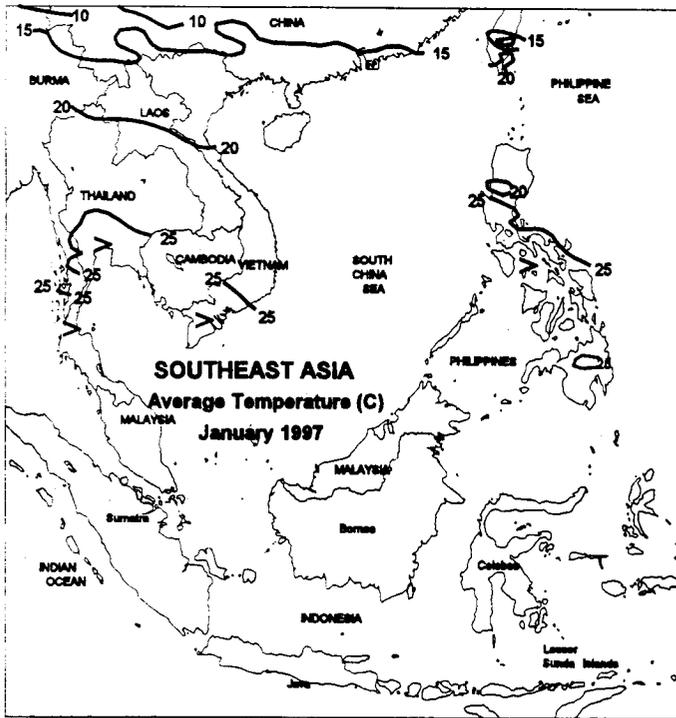


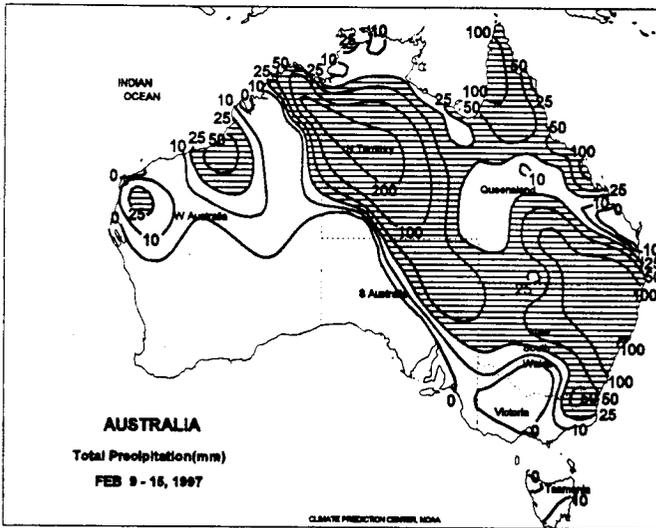


SOUTHEAST ASIA

Seasonable showers (30-80 mm) covered Java, maintaining moisture supplies for main-season rice. The northeast monsoon helped to produce widespread showers (25-100 mm) across the eastern Philippines. Isolated heavier amounts (100-250 mm) fell across southeastern Luzon, causing some flooding. Showers (20-35 mm) continued across peninsular Malaysia, favoring plantation crops. During January, near-normal rainfall favored main-season rice across Java. Near- to below-normal January rainfall prevailed across the Philippines. January rainfall averaged less than 25 percent of normal across the northern half of peninsular Malaysia and southern half of peninsular Thailand. However, early-February rainfall has eased dryness across the region.

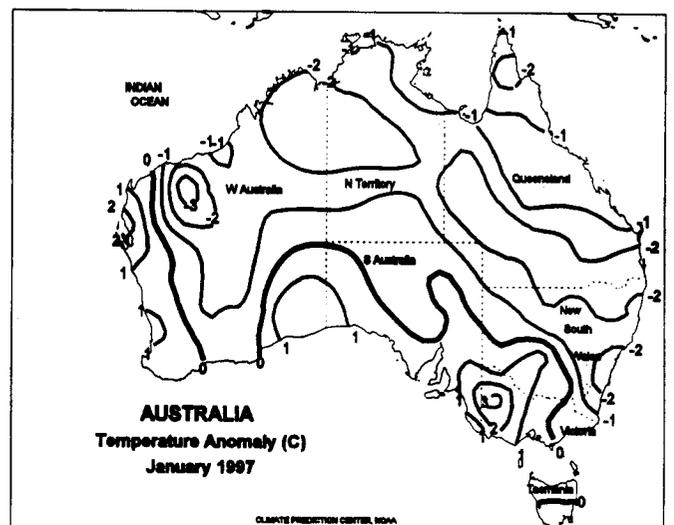
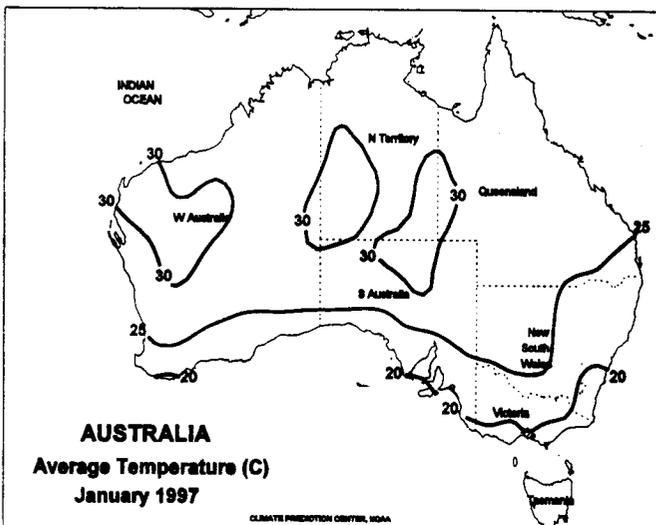
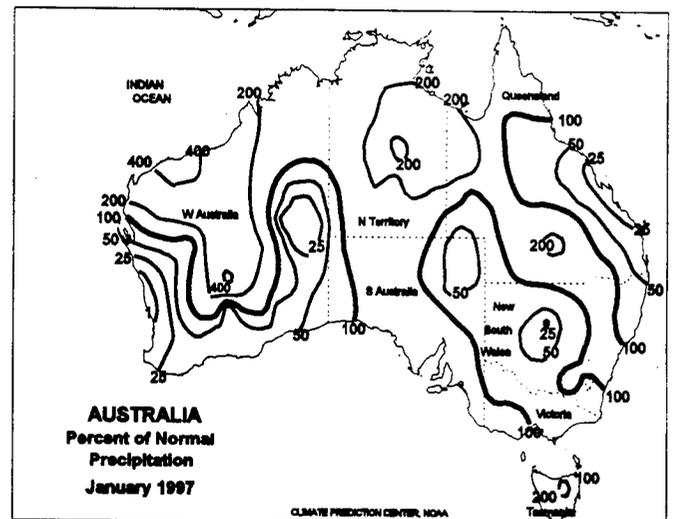
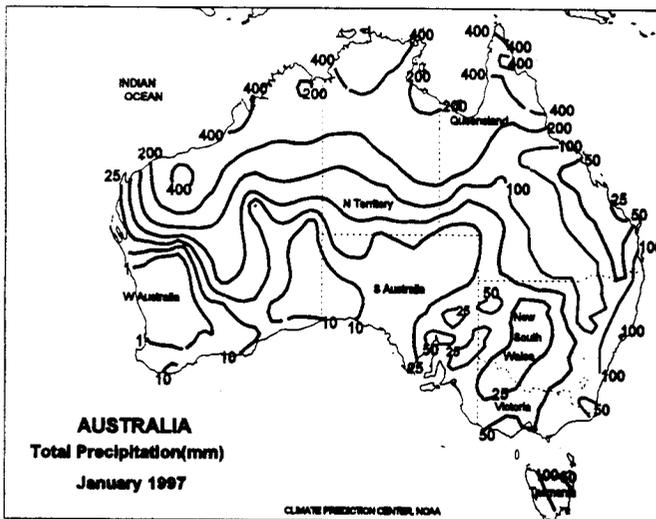


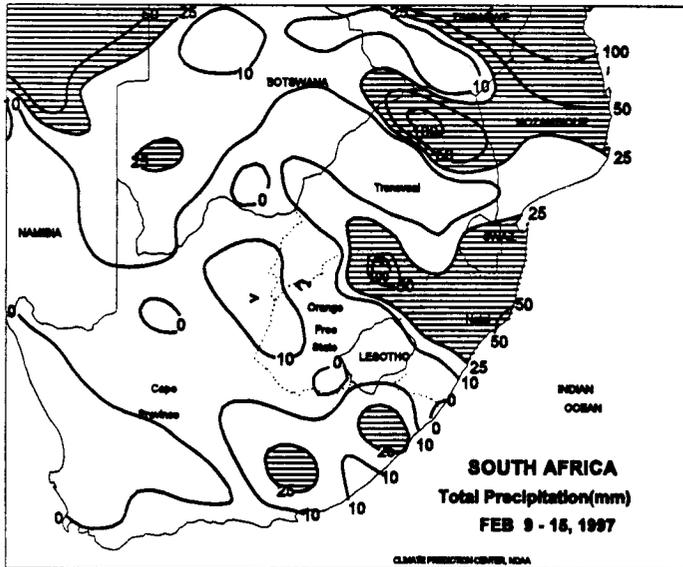




AUSTRALIA

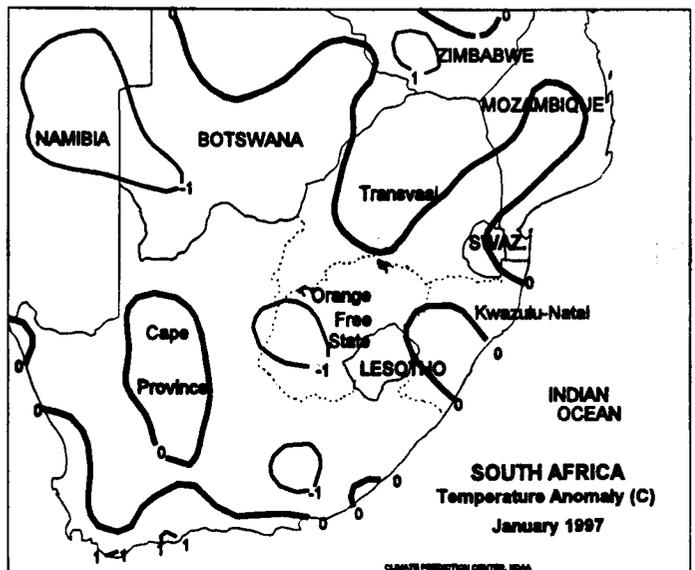
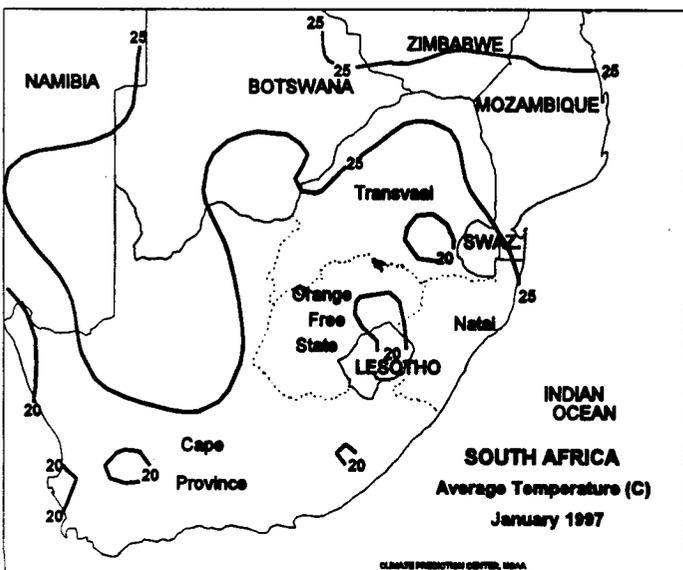
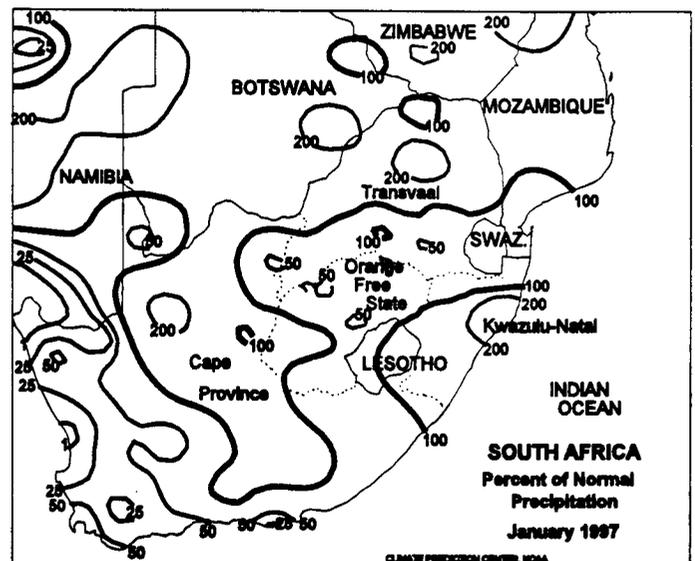
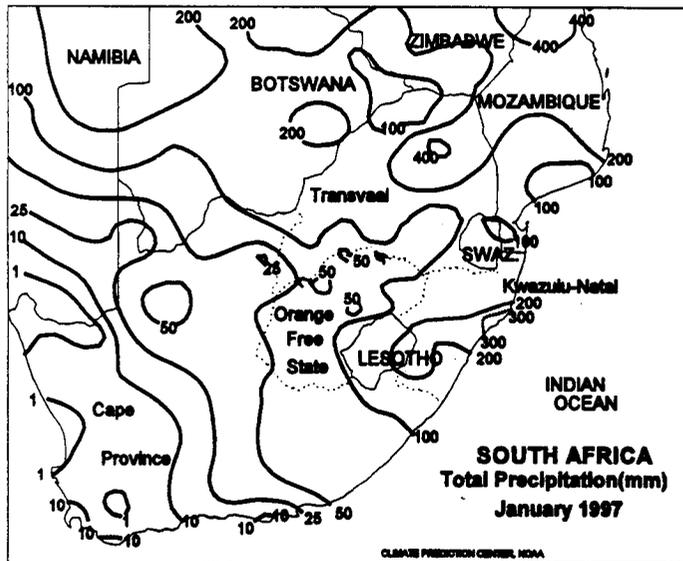
Heavy rain (50-100 mm or more) returned to a broad section of the main sorghum and cotton belts of the east. Some flooding was likely again from the western edge of Queensland's summer crop land through the Darling Downs region to coastal sugarcane areas of northern New South Wales. Damage to cotton was possible. The region was still recovering from a band of heavy rain which hit the same areas about 2 weeks ago. However, unlike the late-January storm, beneficial rain (25-142 mm) fell this week in the western pasture and grazing land. January rainfall was near to above normal only in the aforementioned wet areas, with a general drying trend dominating Queensland's main sugarcane region as well as livestock areas from southern South Australia to western Queensland. In New Zealand, light rain (10 mm or less) fell in the main pasture zones. In early January, most New Zealand pasture lands received a shot of soaking rain from a tropical cyclone.

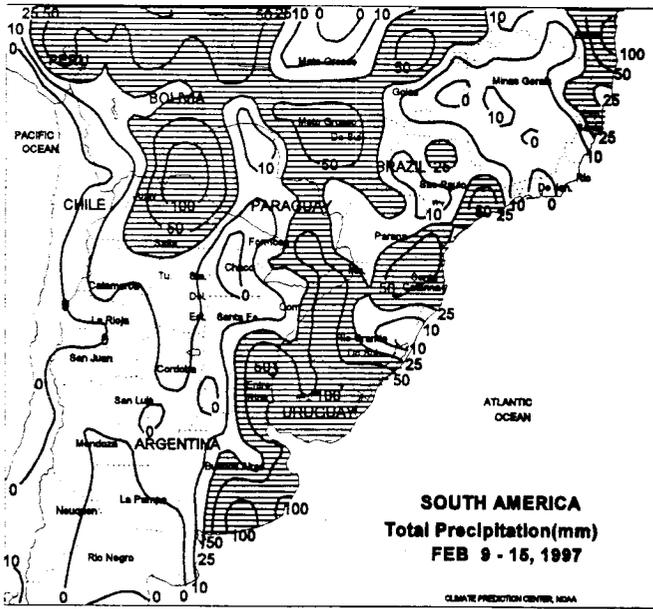




SOUTH AFRICA

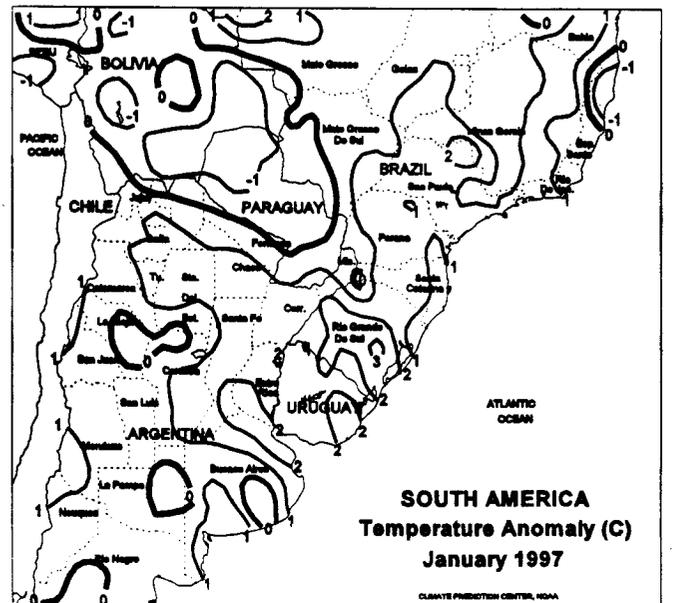
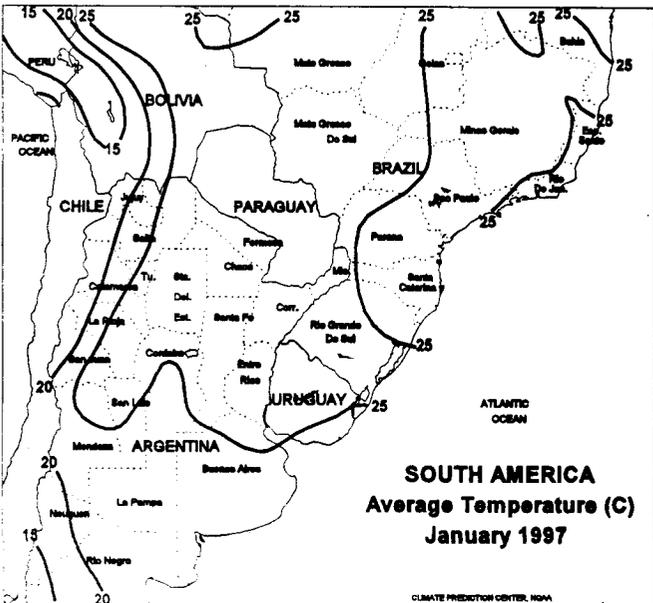
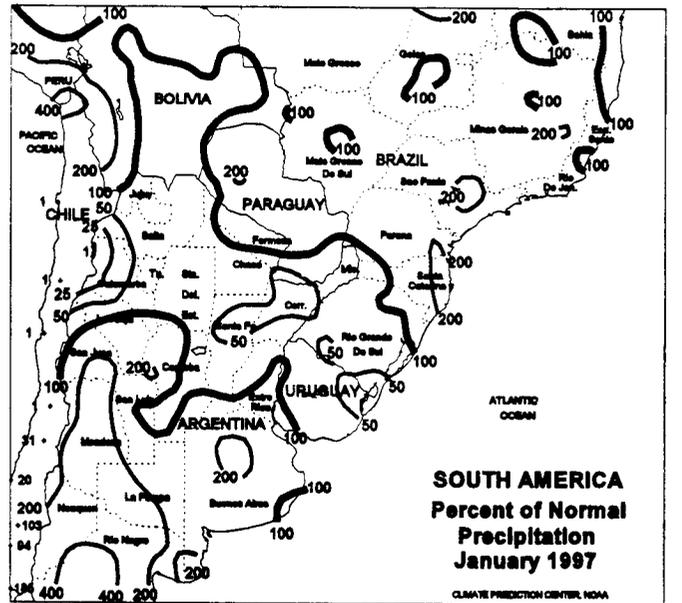
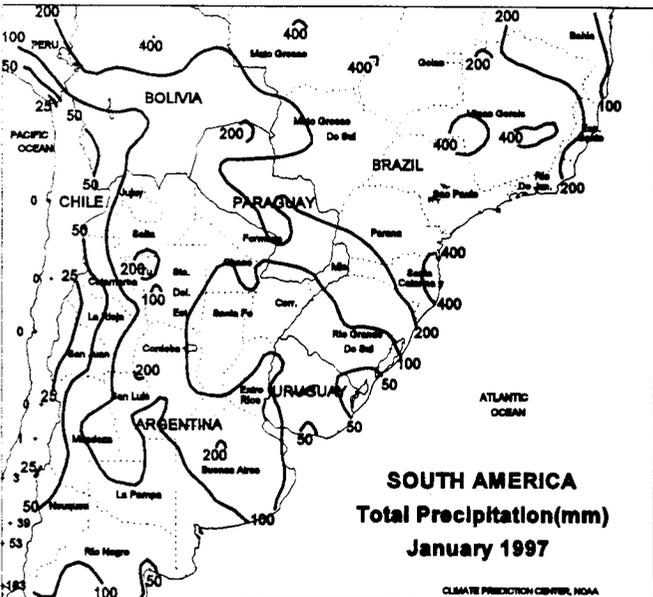
Scattered showers and thunderstorms (10-25 mm or more, exceeding 100 mm in isolated areas) brought some relief from a drying trend in the eastern corn belt. In the west, rainfall continued unfavorably light (5-19 mm). Highs ranged from 25-30 degrees C in the central and eastern corn belt, with somewhat warmer conditions (highs reaching the mid 30's C) persisting on the western edge of the corn belt. Although most corn areas received a soaking rain just prior to reproduction, a drying trend that developed in early January caused many areas to be unfavorably dry for weeks at a time during critical growth phases. In fact, January rainfall was below normal over most of the corn belt, although stressful heat was generally confined to the far west and south. Rain is needed soon throughout the region to prevent declines in crop yield potential. Conditions are generally favorable for sugarcane in Kwazulu-Natal, although rainfall in the southern growing areas was below normal for the second week following January's abundant moisture.

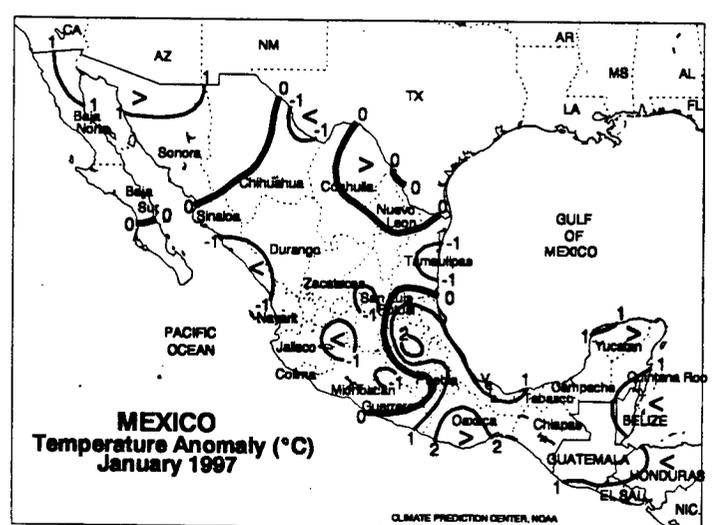
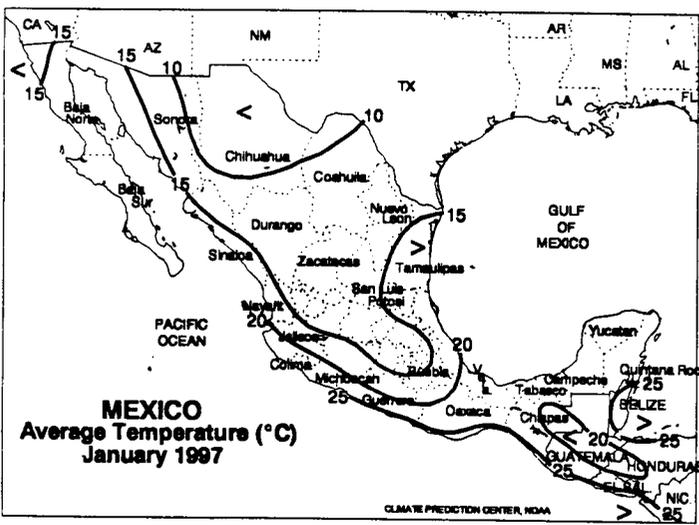
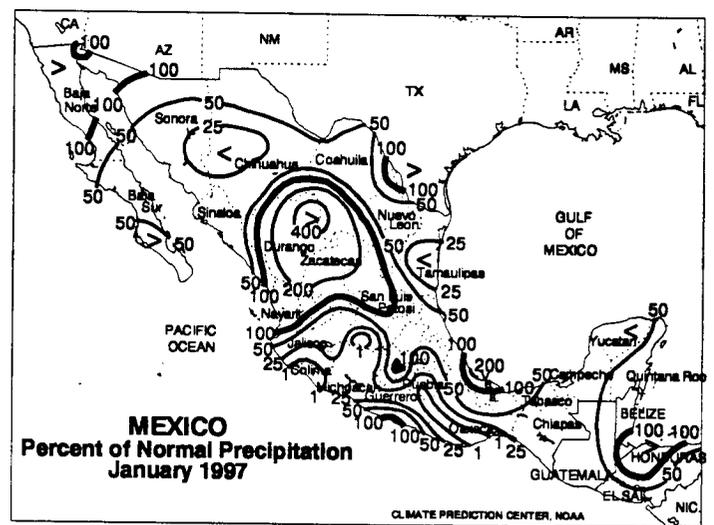
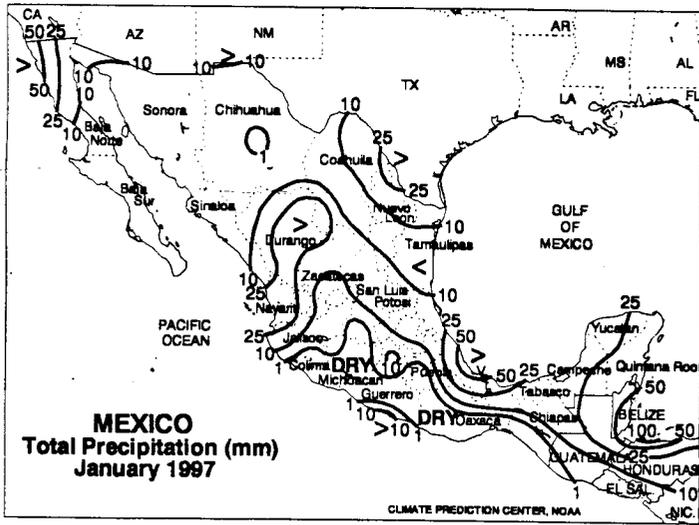




SOUTH AMERICA

In central Argentina, light rain (less than 10 mm) did little to increase soil moisture for reproductive soybeans across southern Santa Fe and southern Cordoba. Near-normal temperatures prevailed across these regions, keeping water use at normal levels. Rain is needed at this moisture-sensitive stage, since the dryness is starting to stress soybeans. Typically, Santa Fe and Cordoba account for two-thirds of Argentina's soybean production. Widespread rain (10-55 mm) continued to favor filling corn and reproductive soybeans in Buenos Aires, where soil moisture remained adequate to abundant. Dry weather benefited maturing cotton in northern Argentina. In southern Brazil, showers (15-40 mm) continued to aid filling soybeans across most areas. Weekly temperatures averaged 1 to 2 degrees C above normal across southern Brazil. During January, near- to above-normal rainfall aided summer crops in Buenos Aires, Argentina. Near-normal rainfall prevailed across southern Cordoba and southern Santa Fe. In southern Brazil, timely rainfall during January eased dryness in Rio Grande do Sul. Near-normal rainfall prevailed elsewhere in southern Brazil.





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(Continued from front cover)

A minor storm system crossed the Southeast early in the week, dropping light precipitation. On Monday, snowfall totaled 1.2 inches in **Wilmington, NC**. More significant precipitation developed across the South Central States at midweek. In Texas, daily-record rains pelted **Waco** (3.97 inches), **Lufkin** (3.32 inches), and **Dallas-Ft. Worth** (2.90 inches) on February 12. Farther west, snowfall totaled 3.8 inches in **Lubbock** and 1.0 inch in **Midland**. By Thursday morning, 4 inches of snow blanketed **Little Rock, AR**. Snow and freezing rain spread into the Northeast by Friday, boosting weekly accumulations to 7.9 inches in **Binghamton, NY**, 5.3 inches in **Williamsport, PA**, and 3.1 inches in **Concord, NH**. Farther west, several disturbances rippled across the Midwestern and Great Lakes States, producing light snow. Weekly totals reached 4.5 inches in **Sioux Falls, SD**, 6.2 inches in **Cedar Rapids, IA**, and 6.8 inches in **Moline, IL**. Another 7.2 inches fell in **Marquette, MI**, raising their seasonal total to 197.4 inches, more than 2 feet ahead of last year's record-setting pace.

The second storm immediately trailed the first, leaving a daily-record snowfall (2.5 inches) in **Alamosa, CO** on Thursday. Meanwhile, an arctic air mass grazed Michigan, lowering temperatures to daily-record levels in **Alpena** (-19°F) and **Houghton Lake** (-22°F). A day later, rain soaked the Southeast for the second consecutive day, including a daily-record total (1.45 inches) in **Florence, SC**. Warmth overspread Florida in advance of the storm's cold front, producing daily records on Friday in **Orlando** (88°F) and **Ft. Myers** (89°F). At week's end, a surge of warm air reached the West Coast, where **Hanford, WA** (62°F) tallied a daily-record high.

In **Alaska**, weekly temperatures averaged 3 to 14°F above normal. Among the locations noting daily-record highs were **Yakutat** (45°F on Sunday), **Cold Bay** (42°F on Monday), and **King Salmon** (42°F on Saturday). Meanwhile, warm, generally dry weather prevailed across **Hawaii** for the third consecutive week.

U.S. Crop Production Highlights

The following information was released by USDA's Agricultural Statistics Board on February 12, 1997. Forecasts refer to February 1.

All oranges production for the 1996-97 season is forecast at a record-large 12.5 million tons, unchanged from the January forecast but up 6 percent (%) from a year ago. This forecast reflects the effects of the freezing temperatures in Florida on January 19, 1997, and in Texas on January 14, 1997. This year's crop is 5% larger than the previous record of 11.8 million tons set in the 1979-80 season. Florida's production amounts to 220 million boxes (9.90 million tons), unchanged from January but 8% above last season. Florida's Valencia crop forecast was reduced to 87 million boxes (3.92 million tons), 3% below last month's forecast but 6% above last season. Early and mid-season varieties are expected to produce 133 million boxes (5.99 million tons), 2% above last month and 10% above last year.

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