

# WEEKLY WEATHER AND CROP BULLETIN

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

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

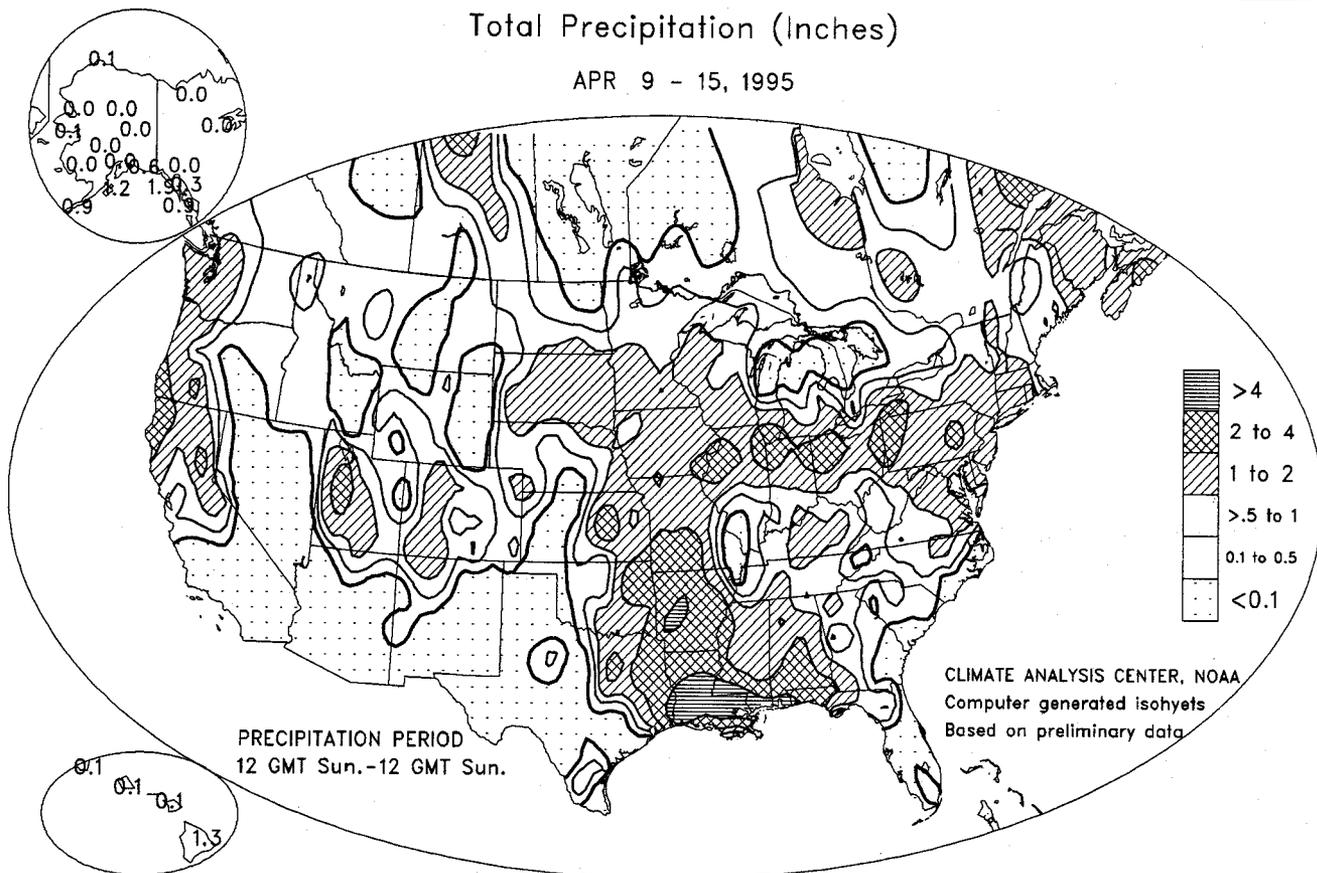
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Washington, D.C.

April 18, 1995

## Total Precipitation (Inches)

APR 9 - 15, 1995



## HIGHLIGHTS

April 9 - 15, 1995

Cold air dove southward into the Nation's mid-section in the wake of a major spring storm, causing some freeze damage to jointing-to-heading stage winter wheat from west-central Kansas into the northern Panhandle of Texas. Heavy snow fell from the central Rockies into Minnesota, while heavy rain caused significant flooding in the central Gulf Coast region. Minor flooding was reported northward into the Midwest. Much-needed showers dampened the Eastern States. Quieter conditions prevailed after midweek, although cool, unsettled weather persisted in the Northeast. Meanwhile, another Pacific storm ushered cool, damp conditions into the West during the last half of the week, inducing a rapid warm-up, along with scattered showers, in the Central States.

(Continued to p. 8)

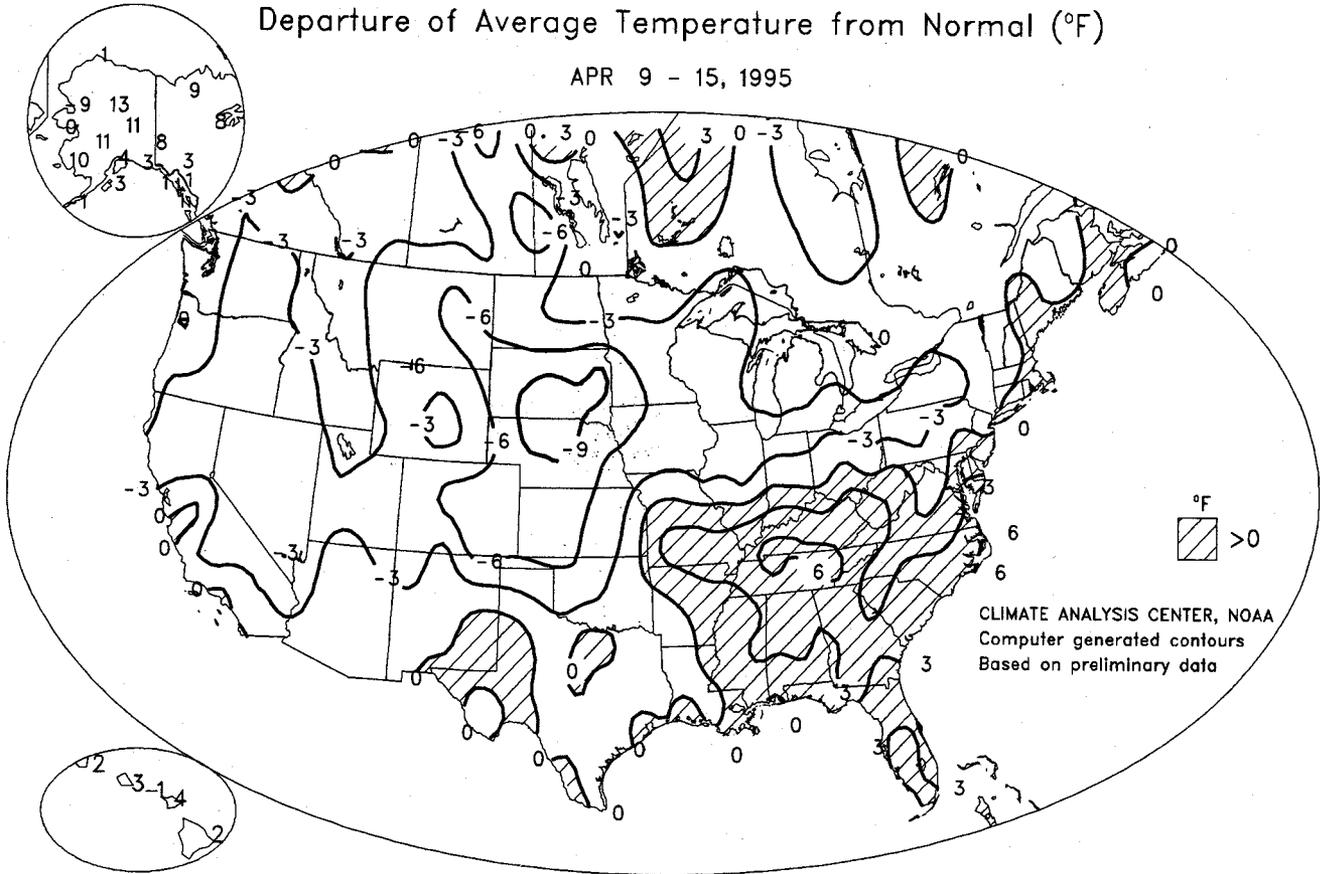
## Contents

## Page

Highlights & Total Precipitation Map .....	1
Temperature Departure & Soil Temperature Maps .....	2
Extreme Maximum & Minimum Temperature Maps .....	3
Growing Degree Day Maps .....	4
National Weather Data for Selected Cities .....	5
National Agricultural Summary .....	8
Crop Progress and Condition Tables .....	9
State Summaries of Weather and Agriculture .....	10
International Weather and Crop Summary & March Temperature/Precipitation Maps .....	15
Subscription and Mailing Permit Information & May and May-July Outlooks .....	28

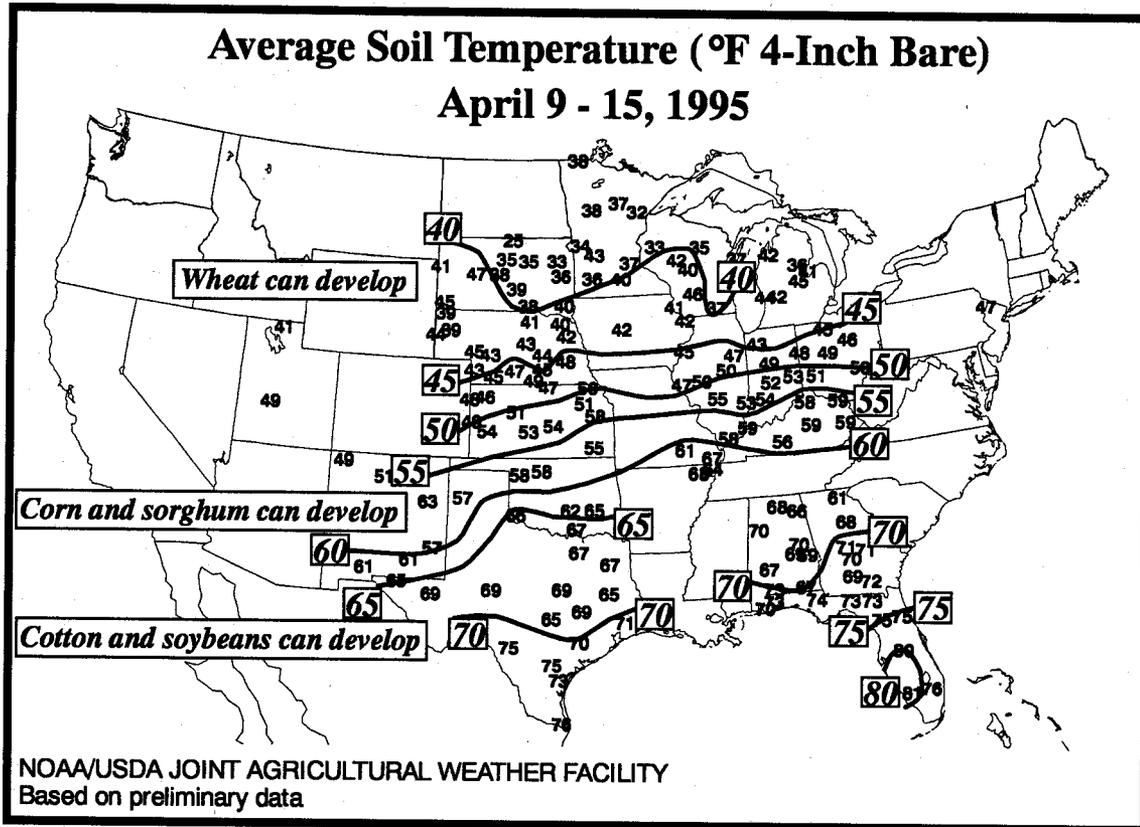
### Departure of Average Temperature from Normal (°F)

APR 9 - 15, 1995



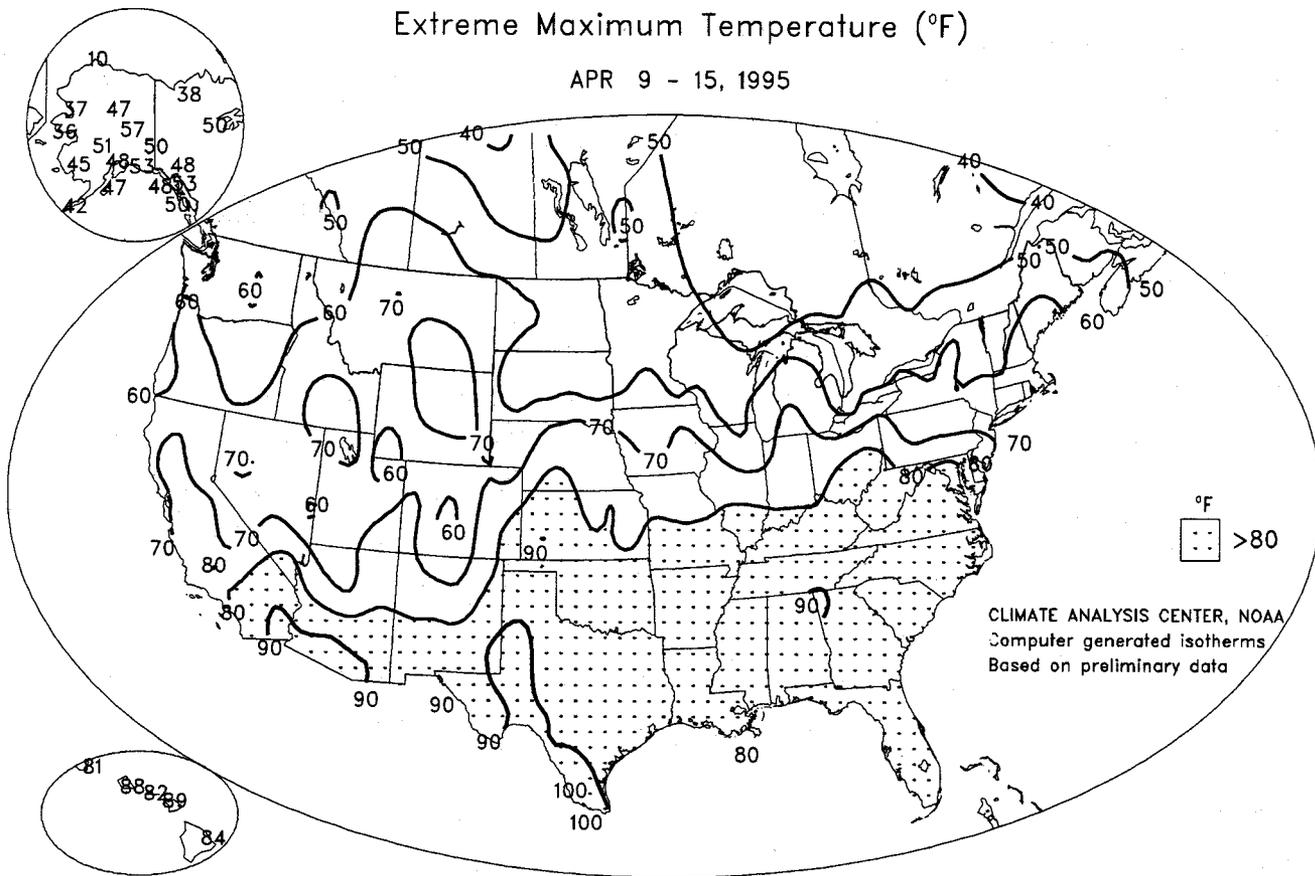
### Average Soil Temperature (°F 4-Inch Bare)

April 9 - 15, 1995



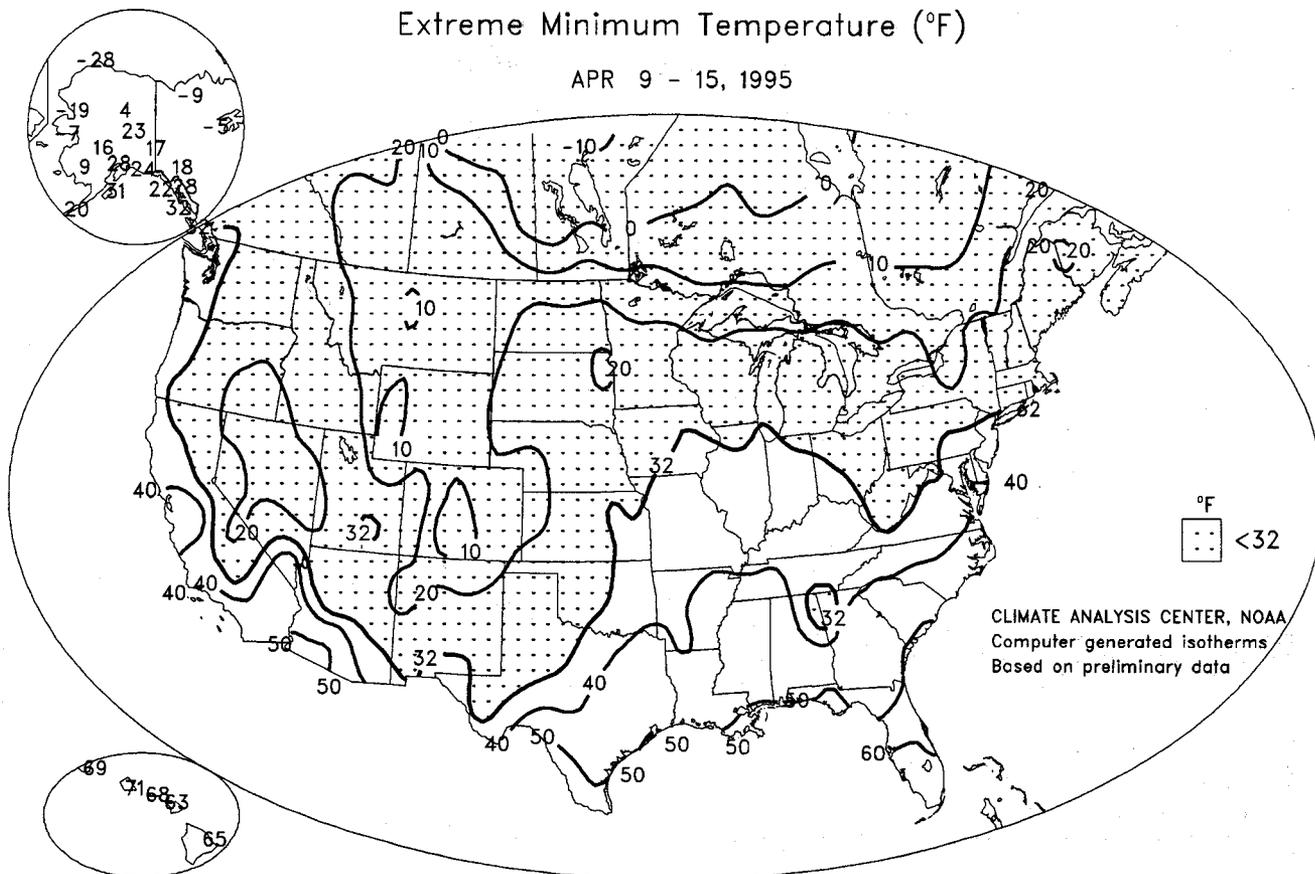
### Extreme Maximum Temperature (°F)

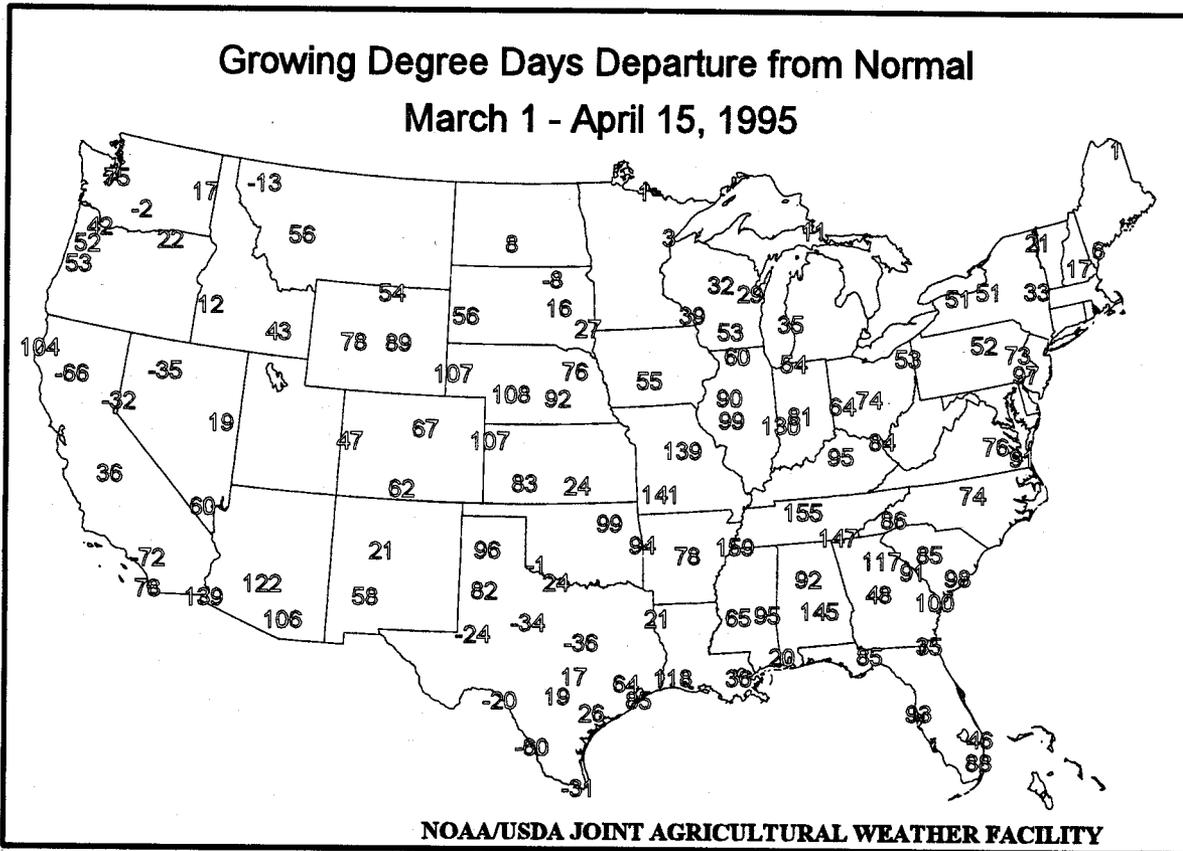
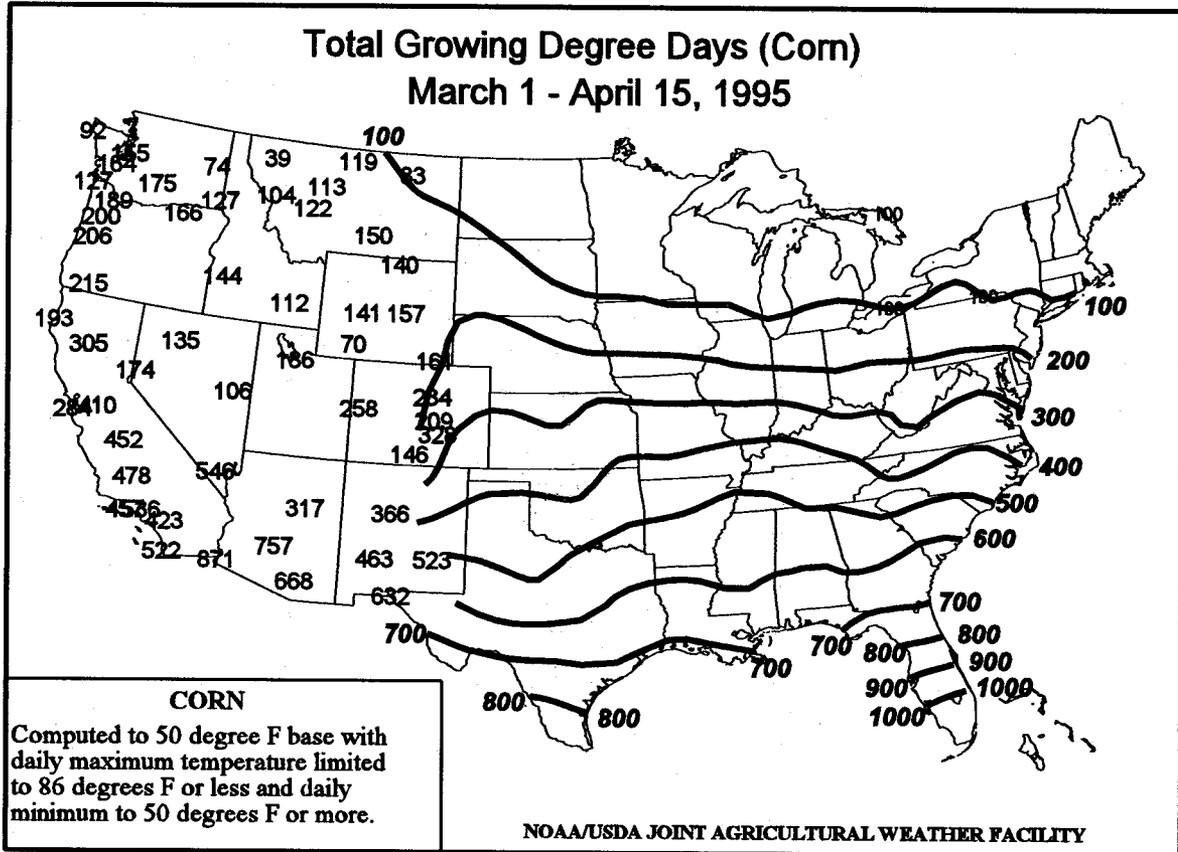
APR 9 - 15, 1995



### Extreme Minimum Temperature (°F)

APR 9 - 15, 1995





# National Weather Data for Selected Cities

## Weather Data for the Week Ending April 15, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1		PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.
													.01 INCH OR MORE						.50 INCH OR MORE	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	79	52	88	40	65	4	1.9	.7	1.7	5.5	63	13.1	70	88	35	0	0	2	1		
MOBILE	79	55	82	48	67	0	3.2	2.2	3.2	11.7	135	21.6	114	95	45	0	0	2	1		
MONTGOMERY	80	52	89	45	66	3	1.5	.5	1.4	5.2	60	17.3	91	97	46	0	0	2	1		
AK ANCHORAGE	46	31	48	28	39	4	.0	.2	.0	.9	83	2.4	92	80	45	0	5	0	0		
BARROW	6	-14	10	-28	-4	1	.1	.0	.0	.3	127	.8	169	86	76	0	7	2	0		
FAIRBANKS	53	26	57	23	40	11	.0	.1	.0	.4	69	.9	63	83	31	0	7	0	0		
JUNEAU	49	32	53	28	40	1	.3	.3	.3	3.1	66	.9	98	55	0	4	2	0			
KODIAK	44	35	47	31	40	3	1.2	.3	.8	9.2	138	23.3	121	93	65	0	1	5	1		
NOME	25	5	36	-7	15	-1	.1	.1	.1	.6	68	3.6	157	79	61	0	7	1	0		
AZ PHOENIX	79	56	88	50	67	-1	.0	.1	.0	1.0	95	2.7	113	34	12	0	0	0	0		
PRESCOTT	63	34	75	16	48	0	.0	.2	.0	1.0	41	3.9	73	49	17	0	2	0	0		
TUCSON	81	47	91	39	64	-1	.0	.1	.0	.5	61	3.3	135	34	9	1	0	0	0		
YUMA	81	57	88	55	69	-2	.0	.0	.0	.2	50	1.8	205	35	11	0	0	0	0		
AR FORT SMITH	72	47	87	38	60	-1	1.6	.7	.9	4.2	72	8.2	80	92	42	0	0	2	2		
LITTLE ROCK	74	52	87	46	63	1	2.1	1.0	1.3	6.2	86	12.0	87	70	36	0	0	2	2		
CA BAKERSFIELD	72	43	85	38	58	-5	.2	.1	.2	3.6	262	6.8	205	67	20	0	0	0	0		
EUREKA	57	43	64	38	50	0	3.0	2.2	1.3	16.8	239	31.0	174	92	56	0	0	1	3		
FRESNO	70	44	81	39	57	-3	.3	.1	.3	6.2	251	12.6	202	84	23	0	0	0	0		
LOS ANGELES	69	54	76	51	62	2	.0	.2	.0	5.7	230	19.0	258	73	22	0	0	0	0		
REDDING	63	43	73	34	53	-4	.2	.3	.1	16.1	284	40.7	252	85	37	0	0	2	0		
SACRAMENTO	66	45	73	39	55	-2	.2	.1	.1	8.2	246	20.8	210	92	41	0	0	2	0		
SAN DIEGO	70	54	78	51	62	0	.7	.2	.7	3.8	167	13.8	245	69	30	0	0	0	0		
SAN FRANCISCO	60	47	64	43	54	-2	.4	.1	.3	9.5	240	18.8	163	91	53	0	0	2	0		
CO DENVER	51	27	71	17	39	-8	.2	.2	.1	.5	23	1.5	49	89	41	0	5	5	0		
GRAND JUNCTION	60	38	75	28	49	-4	.7	.2	.7	1.7	112	2.9	110	59	18	0	1	1	0		
PUEBLO	55	25	74	11	40	-11	.4	.3	.2	1.3	111	1.5	82	89	36	0	7	3	0		
CT BRIDGEPORT	56	39	65	34	48	1	1.6	.7	.7	4.2	74	10.0	84	82	46	0	0	4	0		
HARTFORD	57	36	62	28	46	-1	.6	.3	.4	2.7	49	9.8	80	83	42	0	2	2	0		
DC WASHINGTON	64	45	84	38	55	-1	.2	.5	.1	2.4	53	7.3	73	82	40	0	0	3	0		
FL PANAMA CITY	77	59	80	56	68	2	2.6	1.7	1.7	6.7	89	10.9	61	97	54	0	0	2	2		
DAYTONA BEACH	80	60	86	52	70	1	.7	.5	.7	3.1	78	6.1	61	96	56	0	0	0	0		
JACKSONVILLE	81	56	84	47	68	1	.7	.5	.7	5.3	109	9.3	78	95	45	0	0	1	0		
KEY WEST	83	72	85	67	77	1	.0	.4	.0	2.0	81	6.3	100	84	57	0	0	0	0		
MIAMI	85	70	89	65	78	3	.7	.6	.7	6.5	181	11.0	144	81	48	0	0	1	0		
ORLANDO	83	63	85	60	73	2	.1	.3	.1	2.7	66	5.4	57	93	50	0	0	1	0		
TALLAHASSEE	83	54	89	45	69	3	1.3	.4	1.0	7.0	84	12.9	69	92	41	0	0	2	1		
TAMPA	85	63	89	59	74	4	.7	.2	.7	3.1	86	8.6	100	92	48	0	0	2	0		
WEST PALM BEACH	83	66	84	59	75	1	.7	.6	.7	2.6	62	5.9	61	86	51	0	0	1	0		
GA ATLANTA	78	55	89	48	67	6	.3	.7	.3	3.0	37	13.1	74	80	40	0	0	1	0		
AUGUSTA	80	50	87	41	65	4	.1	.7	.1	1.3	21	11.6	79	94	39	0	0	1	0		
MACON	80	52	87	43	66	2	.9	.1	.9	3.4	51	14.7	92	96	40	0	0	2	1		
SAVANNAH	81	59	84	52	70	5	.0	.7	.0	1.3	25	8.2	68	87	44	0	0	0	0		
HI HILO	82	67	84	65	75	2	1.3	-2.4	.8	6.2	29	12.3	29	88	64	0	0	3	1		
HONOLULU	85	73	88	71	79	3	.1	.3	.1	1.9	62	8.7	98	83	55	0	0	1	0		
KAHULUI	85	70	89	63	78	4	.1	.4	.1	2.2	59	5.9	54	79	51	0	0	1	0		
LIHUE	80	72	81	69	76	2	.4	.1	.8	1.1	3.1	52	10.4	68	86	74	0	0	1	0	
ID BOISE	55	33	67	21	44	-4	.1	.3	.0	2.4	121	5.0	111	85	32	0	3	2	0		
LEWISTON	56	41	61	33	48	-2	.7	.3	.7	.5	29	2.4	64	74	39	0	0	0	0		
POCATELLO	55	29	72	21	42	-2	.1	.1	.1	3.2	173	5.1	134	77	29	0	5	2	0		
IL CHICAGO	51	35	61	32	43	-4	2.4	1.6	1.1	4.0	89	7.6	103	87	45	0	2	4	3		
MOLINE	54	36	74	34	45	-4	3.2	2.3	1.6	4.9	100	8.7	114	86	47	0	0	4	2		
PEORIA	55	38	72	33	47	-4	2.3	1.4	1.3	4.6	96	7.9	103	88	54	0	0	4	2		
QUINCY	57	40	74	35	48	-4	.9	.0	.5	2.6	53	5.8	75	73	53	0	0	3	0		
ROCKFORD	50	34	59	30	42	-4	1.8	.9	.7	3.3	78	5.2	78	93	53	0	4	5	2		
SPRINGFIELD	61	40	77	37	50	-3	.6	.3	.5	4.2	83	8.7	104	84	52	0	0	2	1		
IN EVANSVILLE	75	46	83	40	60	3	.3	.7	.2	2.8	40	8.6	64	74	37	0	0	2	0		
FORT WAYNE	56	35	76	32	46	-2	2.7	2.0	1.2	5.7	125	8.9	107	90	47	0	2	4	2		
INDIANAPOLIS	62	39	76	35	51	0	.4	.5	.4	3.5	63	6.9	66	83	49	0	0	1	0		
SOUTH BEND	54	34	72	31	44	-3	2.4	1.5	1.2	4.6	91	8.7	95	89	48	0	2	4	3		
IA DES MOINES	53	38	68	32	45	-4	1.4	.6	.8	5.1	132	6.8	116	83	51	0	2	4	1		
SIOUX CITY	51	35	73	28	43	-6	1.0	.5	.5	3.2	107	3.7	88	89	52	0	4	4	1		
WATERLOO	51	34	72	32	43	-4	1.4	.6	.9	4.6	120	5.5	97	90	52	0	3	3	1		
KS CONCORDIA	57	36	75	30	46	-5	.6	.2	.6	3.1	96	3.9	85	93	54	0	3	3	1		
DODGE CITY	62	33	89	21	47	-6	.7	.4	.7	1.3	52	2.1	58	77	38	0	3	1	0		
GOODLAND	55	28	82	18	41	-7	.3	.1	.2	1.3	79	1.7	72	87	48	0	5	2	0		
TOPKA	60	40	78	29	50	-3	.5	.2	.4	2.6	66	4.6	79	87	49	0	1	2	0		
WICHITA	71	39	79	29	50	-6	.4	.3	.4	2.8	71	3.5	59	85	48	0	3	1	0		
KY BOWLING GREEN	67	49	90	38	63	7	.7	.3	.7	1.6	22	6.7	44	90	38	1	0	1	1		
LEXINGTON	69	44	78	39	57	3	.9	.0	.9	4.5	70	11.7	94	78	43	0	0	2	1		
LOUISVILLE	71	47	81	42	59	4	.5	.5	.3	2.7	40	7.5	58	85	43	0	0	2	0		
LA BATON ROUGE	80	55	84	44	68	-1	7.2	5.9	5.6	18.3	244	27.2	152	100	53	0	0	2	1		
LAKE CHARLES	79	58	82	48	69	1	2.5	1.8	2.5	10.2	214	17.9	139	97	53	0	0	2	1		
NEW ORLEANS	80	58	83	48	69	1	2.7	1.6	1.5	10.8	151	19.5	107	92	50	0	0	2	2		
SHREVEPORT	78	50	85	41	64	-1	2.2	1.3	2.1	6.7	113	15.8	111	93	42	0	0	2	1		

Based on 1961-90 normals.

Weather Data for the Week Ending April 15, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 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	.50 INCH OR MORE
ME CARIBOU	42	28	53	20	35	-1	.9	.3	.4	3.6	99	12.0	150	84	50	0	5	5	0	
PORTLAND	53	32	63	25	43	0	1.0	.0	.4	3.6	62	12.0	96	88	47	0	4	3	0	
MD BALTIMORE	64	44	85	37	54	2	.7	.1	.6	2.9	59	7.1	64	82	39	0	0	3	1	
SALISBURY	68	46	84	40	57	4	.6	.1	.3	2.5	43	6.4	49	93	52	0	0	4	0	
MA BOSTON	56	39	68	30	48	1	.6	.3	.5	2.9	53	9.8	77	89	45	0	1	4	0	
CHATHAM	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
MI ALPENA	48	30	59	24	39	0	.1	.5	.1	1.4	43	4.0	65	77	37	0	4	2	0	
DETROIT	52	35	63	30	43	-3	1.4	.7	.6	3.8	94	7.2	96	79	47	0	3	4	1	
FLINT	51	31	64	25	41	-4	.5	.2	.3	2.2	61	5.0	80	83	43	0	4	4	0	
GRAND RAPIDS	52	32	70	27	42	-2	.6	.2	.3	2.7	62	6.3	84	85	45	0	3	4	0	
HOOHSTON LAKE	51	31	62	25	41	0	.2	.4	.1	2.2	72	5.0	86	76	34	0	4	2	0	
LANSING	51	31	67	22	41	-3	.5	.2	.3	3.1	84	6.6	104	90	43	0	4	3	0	
MARQUETTE	36	25	43	19	31	-5	.6	.0	.4	4.4	107	8.7	109	92	65	0	6	3	0	
MUSKEGON	53	34	69	30	43	0	.5	.2	.5	2.6	65	6.7	86	79	36	0	3	3	0	
SAULT ST. MARIE	41	27	50	18	34	-3	.3	.3	.1	3.1	88	6.7	88	79	48	0	7	2	0	
MN ALEXANDRIA	42	30	57	24	36	-5	1.2	.7	.5	2.5	105	3.5	88	92	58	0	5	3	0	
DULUTH	39	28	52	21	34	-4	.7	.2	.6	3.0	101	5.4	108	85	47	0	7	3	1	
INT'L FALLS	45	26	56	16	36	-2	.5	.3	.5	1.5	83	3.2	97	77	36	0	7	1	0	
MINNEAPOLIS	47	34	60	30	41	-4	.9	.3	.7	3.0	98	3.6	74	78	42	0	2	4	1	
ROCKEFER	45	32	56	27	39	-5	1.0	.0	.8	4.4	143	4.9	108	91	58	0	4	5	1	
MS GREENWOOD	79	52	90	44	66	3	1.1	.4	1.1	6.7	79	12.4	70	92	37	1	1	1	1	
JACKSON	78	51	86	42	64	1	1.6	.3	1.3	8.2	94	13.9	73	95	40	0	0	2	1	
MERIDIAN	81	53	89	43	67	4	1.9	.7	1.9	7.1	74	14.3	72	99	34	0	0	2	1	
MO CAPE GIRARDEAU	75	48	86	38	62	5	.2	.8	1.2	2.4	33	9.2	65	81	37	0	0	1	0	
COLUMBIA	64	41	76	35	53	0	2.0	1.2	1.5	2.0	62	9.6	118	86	52	0	1	2	2	
KANSAS CITY	60	41	78	31	51	-3	.4	.3	.3	1.5	38	4.2	70	81	52	0	1	2	0	
SAINT LOUIS	70	45	81	41	58	2	.4	.4	.3	3.8	72	9.5	103	85	49	0	0	4	0	
SPRINGFIELD	71	47	86	36	59	4	2.6	1.7	1.9	3.8	65	9.2	97	83	45	0	0	3	2	
MT BILLINGS	53	29	74	17	41	-4	.5	.1	.3	2.7	138	3.5	100	83	42	0	4	2	0	
GLASGOW	44	25	64	11	35	-8	.2	.1	.2	2.0	308	2.1	162	91	37	0	4	1	0	
GREAT FALLS	49	25	68	14	37	-6	.8	.5	.3	2.4	141	2.3	79	85	47	0	6	3	0	
HAVRE	50	26	70	9	38	-4	.3	.1	.1	1.9	176	2.1	108	89	40	0	5	3	0	
HELENA	52	27	70	22	40	-3	.3	.1	.3	.9	79	1.0	45	88	37	0	6	3	0	
KALISPELL	48	31	55	24	39	-3	.6	.3	.2	2.5	169	4.1	99	96	31	0	5	4	0	
MILES CITY	47	27	69	14	37	-8	.3	.0	.3	2.1	178	2.3	113	88	48	0	4	1	0	
MISSOULA	53	32	60	23	42	-1	.7	.2	.2	1.2	83	2.4	69	80	32	0	4	2	0	
NE GRAND ISLAND	53	32	77	27	42	-7	.3	.3	.2	2.0	67	2.7	65	94	56	0	5	2	0	
LINCOLN	55	36	78	28	46	-5	1.1	.5	.9	3.8	114	5.0	109	88	58	0	4	3	1	
NORFOLK	50	34	74	29	42	-6	.7	.2	.3	4.1	140	5.0	119	90	58	0	5	4	0	
NORTH PLATTE	55	28	78	20	41	-6	.5	.1	.2	1.9	93	2.1	74	91	53	0	5	4	0	
OMAHA	55	37	77	27	46	-5	.6	.0	.3	3.5	108	4.7	100	88	51	0	2	4	0	
SCOTTSDORFF	54	28	76	21	41	-4	.5	.1	.3	1.2	69	2.9	107	91	41	0	5	2	0	
VALENTINE	46	27	71	22	36	-11	.2	.2	.2	.8	37	1.4	43	86	58	0	5	3	0	
NV RLY	50	22	66	10	36	-4	.2	.0	.1	1.6	112	3.2	112	85	30	0	7	3	0	
LAS VEGAS	73	50	83	45	61	-1	.0	.1	.0	.4	73	3.4	232	32	13	0	0	0	0	
RENO	57	33	68	27	45	-3	.1	.0	.1	3.0	333	6.5	217	78	28	0	4	1	0	
WINNEVOCCA	54	26	68	15	40	-5	.2	.0	.2	1.8	151	3.4	133	86	26	0	6	1	0	
NH CONCORD	54	30	65	18	42	-1	.6	.1	.3	3.4	81	8.8	96	90	39	0	5	3	0	
NJ ATLANTIC CITY	60	41	74	34	50	2	.7	.1	.6	1.7	31	6.4	53	88	49	0	0	3	1	
NM ALBUQUERQUE	68	39	80	29	54	-1	.3	.2	.3	.5	59	1.4	81	56	17	0	2	1	0	
CLOVIS	74	41	88	25	57	1	.7	.1	.7	.6	68	1.2	64	53	13	0	2	1	0	
ROSWELL	78	46	88	30	62	2	.0	.1	.0	.4	75	..	..	39	10	0	1	0	0	
NY ALBANY	51	34	61	24	43	-2	.8	.1	.5	3.5	78	7.5	83	93	47	0	3	3	1	
BINGHAMTON	46	31	59	19	39	-5	.9	.2	.4	2.9	66	7.9	87	93	56	0	4	4	0	
BUFFALO	49	32	69	25	41	-3	.7	.0	.3	2.3	57	9.8	108	81	50	0	3	4	0	
NEW YORK	58	42	68	36	50	0	1.2	.3	.5	2.5	45	9.2	81	86	41	0	0	3	0	
ROCHESTER	48	32	64	26	40	-4	.7	.0	.3	2.0	55	6.0	78	89	50	0	5	3	0	
SYRACUSE	51	32	63	18	41	-3	.8	.1	.6	2.6	59	6.6	74	85	46	0	4	2	1	
NC ASHEVILLE	71	44	85	37	57	3	.1	.8	.1	2.6	33	12.5	78	88	43	0	0	2	0	
CHARLOTTE	74	50	86	41	62	4	.3	.3	.3	1.8	31	10.6	79	86	43	0	0	1	0	
GREENSBORO	71	48	82	37	59	3	.2	.4	.2	2.1	40	8.6	74	82	42	0	0	1	0	
HATTERAS	72	58	77	50	65	7	.2	.7	.1	2.0	33	16.7	108	83	31	0	0	2	0	
NEW BERN	77	53	86	46	65	4	.7	.7	.7	1.8	32	5.4	39	90	42	0	0	0	0	
RALEIGH	72	48	83	38	60	2	1.1	.5	1.1	3.6	71	12.6	103	93	21	0	0	1	1	
WILMINGTON	77	54	84	46	65	5	.7	.7	.7	4.5	74	13.9	92	95	41	0	0	0	0	
ND BISMARCK	49	29	62	25	39	-2	.7	.3	.5	2.4	156	3.1	126	84	37	0	5	3	1	
FARGO	47	31	61	25	39	-2	.6	.2	.3	3.3	174	4.7	155	82	45	0	4	3	0	
GRAND FORKS	47	31	61	23	39	-1	.1	.2	.1	1.8	113	2.5	91	89	46	0	4	1	0	
WILLISTON	52	26	65	15	39	-3	.6	.3	.4	1.7	140	2.8	128	81	32	0	5	3	0	
OK AKRON-CANTON	53	34	80	28	44	-3	1.4	.7	.5	3.8	79	10.1	109	88	54	0	3	4	1	
CINCINNATI	65	41	77	39	53	1	.5	.4	.2	4.4	71	9.7	85	85	50	0	0	3	0	
CLEVELAND	54	35	81	26	45	-2	1.4	.7	.9	4.2	95	11.8	136	91	56	0	2	5	1	
COLUMBUS	62	37	83	30	50	2	1.4	.6	.7	3.4	70	9.6	106	88	47	0	2	5	2	
DAYTON	59	37	79	34	48	-2	1.6	.8	.6	4.6	89	8.4	89	92	49	0	0	5	2	

Based on 1961-90 normals.

Weather Data for the Week Ending April 15, 1995

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	80 AND ABOVE	82 AND BELOW	PRECIP.	
																			.01 INCH OR MORE	.50 INCH OR MORE
COLEDO	53	37	67	32	45	-2	2.4	1.7	1.7	4.8	116	8.5	111	88	50	0	0	1	4	1
YOUNGSTOWN	52	34	76	24	43	-3	2.9	1.2	1.6	3.4	72	7.3	83	89	59	0	0	4	4	1
OK OKLAHOMA CITY	70	42	79	30	56	-4	1.9	1.4	1.9	3.3	84	4.6	70	83	46	0	0	1	1	1
TOLBA	71	48	81	36	59	-1	1.2	1.4	1.2	3.1	60	4.7	54	81	46	0	0	1	1	1
OR ASTORIA	53	40	58	36	47	-1	1.6	1.5	1.6	12.5	130	28.7	105	96	63	0	0	6	6	2
BURNS	49	28	56	19	39	-3	1.3	1.3	1.3	2.6	192	5.9	186	84	40	0	5	1	0	0
MEDFORD	57	38	71	31	48	-3	1.7	1.4	1.5	4.0	163	9.9	140	96	49	0	0	6	6	0
PENDLETON	54	37	57	30	45	-4	1.3	1.1	1.3	2.9	168	6.5	149	84	44	0	1	3	0	0
PORTLAND	56	41	62	39	48	-2	1.2	1.6	1.6	6.4	131	15.1	107	91	48	0	0	6	6	1
SALEM	57	41	60	36	49	0	1.1	1.5	1.6	7.1	128	20.1	126	90	49	0	0	6	1	1
PA ALLENTOWN	59	39	73	34	49	0	1.5	1.7	1.8	4.8	97	10.8	98	85	47	0	0	2	2	2
ERIE	49	34	76	28	41	-3	1.3	1.5	1.6	4.7	102	9.7	107	89	58	0	3	3	1	1
HARRISBURG	58	42	75	37	50	0	1.2	1.5	1.6	2.4	50	10.6	71	84	55	0	0	3	3	2
PHILADELPHIA	63	44	76	40	53	3	1.0	1.1	1.1	2.8	52	8.3	70	86	44	0	0	2	2	1
PITTSBURGH	57	36	80	27	47	-2	1.6	1.1	1.3	2.7	55	6.7	68	86	52	0	2	4	0	0
SCRANTON	54	35	59	26	45	-2	1.3	1.6	1.9	3.0	77	7.2	88	93	49	0	2	3	1	1
RI PROVIDENCE	60	39	70	32	49	3	1.2	1.2	1.6	3.7	60	10.5	77	84	38	0	2	3	3	1
SC CHARLESTON	79	59	84	52	69	5	1.1	1.5	1.1	1.9	32	9.5	77	88	44	0	0	1	0	0
COLUMBIA	80	53	90	43	66	4	1.4	1.4	1.4	2.2	34	13.4	89	90	37	1	0	1	0	0
FLORENCE	81	55	90	47	68	5	1.3	1.4	1.3	1.7	30	12.4	101	93	37	1	0	1	0	0
GREENVILLE	77	50	91	44	64	5	1.2	1.9	1.9	2.3	31	13.8	87	81	38	1	0	1	0	0
SD ABERDEEN	41	30	52	22	36	-7	1.1	1.7	1.6	3.7	191	4.8	153	90	65	0	5	3	1	1
BURON	41	31	56	25	36	-9	1.9	1.4	1.5	5.6	213	6.3	170	92	72	0	5	5	1	0
RAPID CITY	45	28	57	23	36	-8	1.0	1.6	1.4	1.9	104	2.6	93	91	56	0	6	4	0	0
SIOUX FALLS	44	32	65	26	38	-8	1.7	1.1	1.7	6.0	213	6.3	159	92	63	0	5	5	2	0
TN CHATTANOOGA	78	50	91	39	64	6	1.3	1.7	1.2	4.0	48	15.8	88	87	33	1	0	2	0	0
KNOXVILLE	76	51	89	39	64	7	1.3	1.6	1.3	3.9	56	13.5	88	75	33	0	0	1	0	0
MEMPHIS	76	52	87	44	64	3	1.8	1.5	1.8	4.4	54	13.7	84	85	38	0	0	1	1	1
NASHVILLE	77	50	89	40	64	6	1.7	1.3	1.6	4.6	65	12.0	83	84	29	0	0	2	1	0
TX ABILENE	77	51	86	32	64	0	1.1	1.3	1.1	2.7	121	4.4	100	74	31	0	1	1	0	0
AMARILLO	71	37	89	20	54	-2	1.2	1.2	1.2	1.0	72	1.3	51	60	16	0	3	1	0	0
AUSTIN	80	56	84	47	68	-1	1.2	1.5	1.2	4.1	139	6.3	93	78	41	0	0	2	0	0
BEAUMONT	79	57	82	47	68	0	1.7	1.0	1.6	7.2	150	14.7	113	99	53	0	0	2	1	0
BROWNVILLE	84	62	90	52	73	-2	1.0	1.3	1.0	1.6	56	1.4	36	94	41	1	0	0	0	0
CORPUS CHRISTI	81	59	85	50	70	-2	1.2	1.2	1.2	5.2	324	8.2	155	89	43	0	0	3	0	0
DEL RIO	86	58	90	49	72	2	1.0	1.5	1.0	1.8	84	2.1	46	72	32	2	0	0	0	0
EL PASO	80	51	92	40	66	3	1.0	1.1	1.0	1.5	110	1.6	128	74	9	1	0	0	0	0
FORT WORTH	77	51	84	40	64	1	1.0	1.2	1.0	10.2	218	12.8	143	87	46	0	0	1	1	1
GALVESTON	75	66	78	59	70	2	1.0	1.5	1.0	5.6	167	6.9	77	82	59	0	0	0	0	0
HOUSTON	80	56	84	46	68	1	1.5	1.3	1.5	6.5	139	15.0	124	92	45	0	0	1	0	0
LOBBOCK	79	43	90	28	61	1	1.0	1.2	1.0	1.2	101	1.8	80	72	14	1	1	0	0	0
MIDLAND	83	46	92	28	65	0	1.2	1.1	1.2	1.6	81	2.0	114	73	12	1	1	0	0	0
SAN ANGELO	81	51	87	36	66	0	1.0	1.4	1.0	3.4	213	6.5	188	77	29	0	0	0	0	0
SAN ANTONIO	84	54	88	43	69	1	1.2	1.4	1.2	1.5	57	2.9	48	89	40	0	0	1	0	0
VICTORIA	81	57	84	46	69	0	1.2	1.6	1.2	4.7	137	5.8	61	88	42	0	0	1	0	0
WACO	77	53	85	42	65	-1	2.8	2.1	2.8	8.0	214	10.0	133	89	43	0	0	1	1	1
WICHITA FALLS	77	48	87	32	62	0	1.1	1.5	1.1	2.5	66	3.5	49	84	31	0	1	1	0	0
UT CEDAR CITY	55	31	68	23	43	-3	1.2	1.1	1.2	2.5	131	3.9	112	78	28	0	5	1	0	0
SALT LAKE CITY	58	35	73	29	46	-2	1.8	1.3	1.4	3.3	110	6.1	115	79	29	0	4	2	0	0
VT BURLINGTON	50	32	57	22	41	-2	1.1	1.5	1.7	2.9	81	6.0	86	73	37	0	4	3	1	1
VA NORFOLK	72	50	86	42	61	5	1.7	1.0	1.4	3.6	69	8.8	71	78	43	0	0	2	0	0
RICHMOND	72	45	85	33	58	2	1.5	1.2	1.5	3.5	69	7.8	68	83	24	0	0	2	0	0
ROANOKE	66	45	85	34	55	1	1.3	1.5	1.2	1.6	31	10.7	100	76	41	0	0	2	0	0
WA QUILLAYUTE	51	37	58	33	44	-2	1.2	1.6	1.3	14.5	93	39.6	93	97	52	0	0	7	0	0
SEATTLE-TACOMA	54	41	58	39	48	-1	1.7	1.2	1.3	5.7	117	15.1	106	96	49	0	0	5	0	0
SPOKANE	50	31	54	27	40	-5	1.5	1.3	1.3	4.7	224	9.1	163	92	40	0	4	4	0	0
YAKIMA	56	29	62	26	42	-6	1.2	1.1	1.2	1.5	163	3.8	133	90	34	0	6	1	0	0
WV BECKLEY	64	42	78	27	53	3	1.3	1.5	1.3	2.6	51	10.5	96	83	38	0	1	2	0	0
CHARLESTON	71	44	83	29	57	4	1.4	1.4	1.4	3.2	61	12.2	109	84	44	0	1	1	0	0
HUFFINGTON	72	43	87	34	58	6	1.5	1.4	1.4	3.6	68	11.1	97	82	34	0	0	2	0	0
PARKERSBURG	63	40	84	28	51	-1	1.7	1.8	1.7	2.0	35	7.2	62	90	48	0	1	0	0	0
WI GREEN BAY	48	33	54	29	40	-2	1.6	1.0	1.6	2.7	85	3.8	70	81	41	0	3	1	1	1
LACROSSE	49	35	62	30	42	-4	1.2	1.7	1.2	2.8	83	3.9	75	83	41	0	2	0	0	0
MADISON	51	34	61	27	42	-2	1.9	1.2	1.9	3.8	103	6.0	102	81	47	0	3	5	0	0
MILWAUKEE	47	36	63	31	42	-1	1.9	1.1	1.6	3.1	70	5.5	73	85	51	0	1	4	1	1
WAUSAU	47	30	57	24	38	-4	1.7	1.1	1.6	2.4	75	3.2	63	75	33	0	5	2	1	1
WY CASPER	54	25	74	13	40	-2	1.3	1.1	1.2	1.8	49	2.6	93	82	28	0	6	2	0	0
CHEYENNE	49	25	68	16	37	-4	1.2	1.1	1.1	1.4	23	1.5	64	83	38	0	6	4	0	0
LANDER	53	29	70	19	41	-1	1.4	1.1	1.2	1.0	48	2.5	80	80	27	0	5	4	0	0
SHERIDAN	51	28	75	18	40	-3	1.1	1.3	1.1	1.5	85	3.3	106	87	45	0	4	2	0	0
PR SAN JUAN	87	74	91	70	80	1	2.5	1.7	2.3	3.8	96	10.9	122	86	62	1	0	3	1	1

Based on 1961-90 normals.

## National Agricultural Summary

April 10 - 16, 1995

**HIGHLIGHTS:** Freeze damage to wheat fields extended from Kansas to the Texas plains. The severity of damage has not yet been determined. Dry conditions had stressed the crop before the cold temperatures arrived early in the week. Cotton planting in California advanced briskly but progress for the week remained behind normal. Rain in northern California slowed fieldwork, but assisted small grain growth. Heavy rains caused flooding in the Delta that washed away rice levees and damaged some row crop fields. Rain in the Gulf Coast was welcomed, settling cotton beds prior to planting. In the middle Mississippi Valley, producers were planting row crops as fields dried. Dry soils in the Atlantic States and the Tennessee Valley continued to hamper spring planting, and producers worried that the dry soil condition would lower germination. Heavy rains in the Ohio Valley were welcomed, but stalled planting. Fieldwork was delayed in the Midwest by cool, cloudy, and wet weather. Soil temperature in the Midwest remained too cool to plant corn. In southern Illinois, drier soil allowed farmers to apply fertilizer and herbicides. Cold, wet weather in the Great Lakes region frustrated producers who were preparing land for spring planting.

**SMALL GRAINS:** The Nation's winter wheat crop was in mostly good to fair condition. Low temperatures in Kansas early in the week, dropped wheat condition rated as good to excellent 27 percentage points, from 85 percent(%) last week to 58% for the current week. Freeze damage to wheat in Kansas is primarily in the west-central and southwestern districts of the State. Wheat rated as good to excellent in Texas also fell due to the freezing weather by 17 percentage points from 37% last week to 21% rated as good to excellent for the current week. Thick stands of wheat in Ohio raised producers' concern that a lack of air flow may cause disease problems. In Montana, 8% of the wheat was still dormant, while in Texas 21% of the winter wheat was headed. Wheat

headed in the 19 major producing States was 7%, 1 point ahead of the 5-year average.

**Spring wheat seeding** was 3% complete, 13 points below the average. South Dakota producers were prevented from planting by wet field conditions, leaving the State 39 points behind the average.

**FIELD CROPS:** Corn planted was 5% complete for the Nation, keeping pace with last year and the average. Most of the progress was made by Kentucky, Missouri, and North Carolina, where dry conditions aided planting but left some producers concerned with germination rates. Cool, wet weather in the Midwest slowed planting and field preparation.

**Cotton planting** was 10% complete, 2 points behind the average for the 14 major producing States. Planting progress in California was 23 points below the average. Arizona cotton planting was 45% complete, while Texas cotton planting was 13% complete, with both States equal to the average. Land preparation and pre-irrigation was concluded in the Texas plains, leaving producers ready to begin cotton planting.

**Sorghum planting** was 15% complete, 1 point below the average for the 14 major producing States. Planting was ahead of schedule in Mississippi, Arkansas, and Oklahoma. Rain delayed planting in Texas and Louisiana.

**Rice seeding** was 32% complete, 10 points ahead of the average for the 5 major producing States. California rice fields were burned and sprayed for weeds in preparation for planting. Louisiana rice planting was 56% complete, 10 points ahead of the average, but heavy rains during the week slowed some planting progress.

(Continued from front cover)

Early in the week, heavy snow shifted into the Plains from the Wasatch Range and the central Rockies. In Alta, UT, snow tapered to flurries on Monday after a 22-inch accumulation. Just east of the Colorado Front Range, depths by Monday morning included 17 inches in Beulah and 13 inches in Walsenburg. An inch of snow fell as far south as Las Vegas, NM. In central and eastern South Dakota, where snow fell almost continuously into early Wednesday, depths reached 16 inches in Huron and 12 inches in Aberdeen and Pierre. The month-to-date total in Huron reached 22.4 inches, accounting for nearly 40 percent of their seasonal snowfall. A storm total of 34 inches was reported in Selby, SD. Midweek depths in Nebraska included 11 inches in Mullen and 10 inches in Ainsworth. A day earlier, 7 inches covered Imperial, NE and Goodland, KS.

Temperatures dramatically fell in the southern Plains, where highs late last week were in the middle 80's to lower 90's. In Texas, where 11 percent of the wheat was reported to be headed when the cold struck, daily-record lows were recorded on Tuesday in Amarillo (20°F), Midland (28°F), and Abilene (32°F). The event occurred 17 days after the average last-freeze date in Abilene, and 14 days beyond average in Midland. Farther north, lows included 25°F in Gage, OK, 24°F in Russell, KS, and 21°F in Dodge City, KS. Substantially lower readings were observed in areas with snow cover, including a daily record of 11°F in Pueblo, CO.

In the storm's warm sector, more than two dozen daily records were set before midweek. On Monday, highs reached 90°F as far north as Evansville, IN. McAllen, TX registered a high of 101°F. Highs of 91°F in Chattanooga, TN and 89°F in Nashville, TN were the highest temperatures on record for so early in the year. But north of the warm front, Syracuse, NY (18°F) tallied a daily-record low for April 10.

Thunderstorms erupted from the western Gulf Coast States northward along the cold front into the Midwest on Monday and Tuesday. In Louisiana, more than 7 inches of rain fell on April 10-11 in Leesville and Baton Rouge, while local 24-hour totals topped 13 inches. Significant flooding ensued in several basins, including along the Amite, Comite, and Calcasieu Rivers, with crests as high as 6 to 7 feet above flood stage. More than 2 inches of rain fell as far north as the Ozark Plateau, causing widespread minor flooding. Although rainfall intensities diminished as the front swept eastward, beneficial showers were welcomed in the Southeast on Tuesday, and along the East Coast a day later. Measurable rain fell on Nashville, TN for the first time in 15 days. The tenth longest dry spell on record (21 days) came to an end in Raleigh-Durham, NC on April 12.

Warm weather returned to the Southwestern and Central States by Thursday in advance of an approaching storm. Amarillo, TX noted a daily-record maximum of 92°F, while Garden City, KS hit a record 91°F on Friday. The warmth rapidly melted the snow from Monday's storm in Nebraska and South Dakota, leaving no trace of it by the weekend. Meanwhile, new snow overspread higher elevations of the West, including 10 inches near Havre, MT. By Saturday, rain spread eastward into North Dakota and Minnesota, while a few strong thunderstorms developed ahead of a cold front in the central Great Plains by week's end. Along the Pacific Coast, yet another storm system pushed inland along the California-Oregon border, bringing light precipitation to the area.

Subnormal rainfall continued across Hawaii last week, with most locations receiving only a tenth of an inch. Unseasonably mild weather covered much of Alaska by the week's end, replacing Arctic air that covered extreme western sections earlier in the period.

# Crop Progress and Condition

Week Ending April 16, 1995

Released April 17, 1995, by the Agricultural Statistics Board, USDA.

CW-Current Week LW-Last Week LY-Last Year (week ending Apr. 16, 1994) AVG-5-yr. avg.  
VP-Very Poor P-poor F-Fair G-Good EX-Excellent

Winter Wheat Percent Headed Selected States				
	CW	LW	LY	AVG
AR	23	NA	4	10
CA	70	NA	66	64
CO	0	NA	0	0
GA	57	NA	86	56
ID	0	NA	0	0
IL	0	NA	0	0
IN	0	NA	0	0
KS	0	NA	0	0
MI	0	NA	0	0
MO	0	NA	0	0
MT	0	NA	0	0
NE	0	NA	0	0
NC	0	NA	0	0
OH	0	NA	0	0
OK	15	NA	4	15
OR	0	NA	0	0
SD	0	NA	0	0
TX	21	NA	21	17
WA	0	NA	0	0
ALL	7	NA	5	6

These 19 States produced 92% of the 1994 winter wheat crop.

Corn Percent Planted Selected States				
	CW	LW	LY	AVG
CO	1	NA	2	1
GA	92	NA	92	84
IL	1	NA	0	3
IN	1	NA	0	1
IA	0	NA	3	1
KS	5	NA	5	10
KY	32	NA	3	7
MI	0	NA	0	0
MN	0	NA	4	1
MO	20	NA	7	11
NE	0	NA	2	1
NC	55	NA	44	35
OH	1	NA	1	1
PA	0	NA	0	0
SD	0	NA	0	0
TX	53	NA	60	59
WI	0	NA	0	0
ALL	5	NA	5	5

These 17 States produced 91% of the 1994 corn crop.

Rice Percent Planted Selected States				
	CW	LW	LY	AVG
AR	27	16	8	13
CA	0	0	0	0
LA	56	37	49	46
MS	45	26	36	18
TX	45	41	56	46
ALL	32	21	33	22

These 5 States produced 96% of the 1994 rice crop.

Cotton Percent Planted Selected States				
	CW	LW	LY	AVG
AL	12	2	5	13
AZ	45	32	52	45
AR	1	1	0	0
CA	20	5	40	43
GA	4	2	6	4
LA	3	0	1	2
MS	6	2	3	3
MO	0	0	0	0
NM	6	4	19	23
NC	2	0	2	1
OK	0	0	0	0
SC	3	1	3	3
TN	2	0	1	1
TX	13	11	17	13
ALL	10	6	13	12

These 14 States produced 99% of the 1994 cotton crop.

Spring Wheat Percent Planted Selected States				
	CW	LW	LY	AVG
ID	46	NA	68	53
MN	0	NA	5	12
MT	5	NA	11	21
ND	0	NA	1	8
SD	1	NA	24	40
ALL	3	NA	9	16

These 5 States produced 98% of the 1994 spring wheat crop.

Sorghum Percent Planted Selected States				
	CW	LW	LY	AVG
AR	16	NA	14	12
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	18	NA	8	19
MS	29	NA	35	20
MO	0	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	8	NA	1	1
SD	0	NA	0	0
TX	48	NA	60	51
ALL	15	NA	18	16

These 12 States produced 98% of the 1994 sorghum crop.

Winter Wheat Crop Condition by Percent Selected States					
STATE	VP	P	F	G	EX
AR	0	2	21	54	23
CA	0	0	20	55	25
CO	3	10	26	46	15
GA	2	12	51	34	1
ID	0	0	11	69	20
IL	0	1	5	70	24
IN	0	2	16	70	12
KS	2	9	31	43	15
MI	2	3	16	54	25
MO	0	11	29	52	8
MT	1	8	44	42	5
NE	0	1	25	64	10
NC	0	3	40	49	8
OH	0	3	18	57	22
OK	2	5	26	60	7
OR	6	15	42	33	4
SD	0	2	20	67	11
TX	2	18	59	15	6
WA	3	13	32	51	1
ALL	2	8	32	47	11
Prev Wk	1	4	26	57	12
Prev Yr	1	8	36	49	6

## State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

**ALABAMA:** Rainfall 0.41 to 2.07 in. north; 0.36 to 2.10 in. central; 1.67 to 4.74 in. south. Temperatures 3° below normal to 5° above normal statewide. Lows 34 to 43° north; 34 to 49° central; 38 to 50° south. Highs 86 to 90° north, 84 to 89° central; 81 to 88° south.

Days suitable for fieldwork 4.8. Topsoil moisture 2% very short, 16% short, 72% adequate, 10% surplus. Percent acreage prepared 75%, 64% 1994, 63% avg. Corn planted 67%, 47% 1994, 58% avg. Sorghum planted 8%, 3% 1994, 11% avg. Wheat headed 49%, 31% 1994, 41% avg.; 3% very poor, 7% poor, 29% fair, 61% good. Pasture feed 5% poor, 38% fair, 55% good, 2% excellent. Livestock 6% poor, 26% fair, 62% good, 6% excellent. Activities: Spring plowing, planting, general care of livestock, poultry, catfish.

**ARIZONA:** Temperatures 5° below to normal. Extremes 19°; 86° higher elevations; 32°; 96° deserts. Precipitation reported two upper elevation stations; 0.03 in.; 0.10 in.

Below normal temperatures slowed some emerging plants, damaged some stands. Small grains 1% poor, 17% fair, 38% good, 44% excellent; 92% heading, 90% 1994, 86% avg. Alfalfa 1% poor, 3% fair, 37% good, 59% excellent. Harvest 41% light, 2% moderate, 44% active. Sheeping off 7% light, 93% finished or none. Spring vegetable season ending. Romaine, salad savoy, kale, head lettuce, cauliflower, cabbage, broccoli, artichokes, celery, asparagus, leaf lettuce, broccoli, fava beans shipped western fields. Vegetables shipped central growers included potatoes, head lettuce, broccoli, cabbage, green onions, mixed greens, leaf lettuce, carrots, spinach, romaine, kale, swiss chard. Tomatoes available eastern areas. Citrus shipments declined. Grapefruit, Valencia oranges available western, central areas.

**ARKANSAS:** Temperatures slightly above normal with scattered heavy thunderstorms the first part of the week. Extremes 34°; 88°. Precipitation 0.23 to 3.79 in.

Days suitable for fieldwork 4. Soil moisture 7% short, 65% adequate, 28% surplus. Producers were planting rice, corn, grain sorghum, cotton, soybeans. Rust, powdery mildew continue to be a problem in wheat. Peach trees were being thinned in Faulkner county. Green beans were planted in Crawford county. Strawberry harvest about to begin in White county. Producers vaccinating calves. Early season pastures progressed rapidly. Livestock in good condition.

**CALIFORNIA:** A weak ridge dominated region, until yet another storm system moved across north near end of week. Temperatures generally below normal. Precipitation above normal, much northern areas, Sierra Nevada. No rain recorded, southern areas.

Fieldwork progressed normally until light, mid-week rainfall slowed activity, central, northern counties. Small grains grew rapidly, most areas. Rice fields burned, sprayed weeds, prepared for planting, where conditions, air quality regulations permitted. Over-wintered sugarbeets harvested. New crop fields hand weeded. Dry beans, sugarbeets treated, fungicides. Corn, safflower planted, sprayed weeds. Cotton planting full swing, all major growing areas. Emerging fields, good growth, development. Alfalfa, small grains, winter forages cut for hay, green-chopped. Ground prep row crop planting. Sudangrass planted desert counties. Stone fruit trees suffer problems brought by winter storms. Some peach trees drowned. Roots stood in water too long. Other problems included brown rot, mildew. Some growers thinned peaches, generally light set expected. Grape growers applied fungicides, control phomopsis, powdery mildew. Other activities included discing, french plowing, irrigation, treating nematodes, weed control. Vineyards, higher elevations Sierra foothills, may have suffered frost damage, low nighttime temperatures. Almonds sprayed weeds, walnuts sprayed blight. Avocados picked, southern areas. Strawberries harvested, central valley. Navel orange harvest winding down, Valencia orange harvest picked up speed. New crop citrus was blooming well. Asparagus harvest, Stockton delta, Salinas Valley slowed due to compacted beds caused by previous storms. Growers harvested artichokes, Monterey County. Growers continued harvest broccoli, cauliflower, Monterey County, desert, San Joaquin valleys. Cabbage harvest proceeded Riverside County, as did carrot harvest, Kern County, Imperial Valley. Spring head, leaf lettuce fields harvested, Monterey County, San Joaquin Valley. Melons planted San Joaquin, Coachella valleys. Onions harvested, Imperial County. Bell pepper plants put in beds, Fresno, Stanislaus counties. Spring potato harvest commenced, Kern county.

Sweet corn harvested, Riverside County. Sweet potatoes planted, Merced County. Stanislaus, Tulare counties spinach harvested. Fresh market tomato transplanting resumed, San Joaquin Valley. Growers replanted some processing tomatoes. Other crops harvested: oriental vegetables, ginger root, green onions, radishes, bok choy, kale, turnips. Lower elevation range, pastures began browning some areas, rains helped replenish soil moisture. Pastures continued good development. New grass growth occurred. Rangeland feed abundant, excellent quality. Livestock made good weight gains. Most market lambs shipped out of Imperial Valley. Livestock good condition.

**COLORADO:** Major storm beginning of week brought over a foot of snow in mountains on 10th, 4 to 8 in. over much of eastern plains on 11th. Temperatures well below normal those days with highs holding to the 30s. Dry, mild weather returned on 12th, 13th. A strong cold front on 14th produced high winds from 40 to 60 mph over much of the State. Light snow in mountains on weekend light showers in southwest. Temperatures also back to normal or below normal most areas.

Days suitable for fieldwork 3.0. Topsoil moisture 2% very short, 23% short, 70% adequate, 5% surplus. Subsoil moisture 14% very short, 37% short, 47% adequate, 2% surplus. Spring barley 33% seeded, 42% 1994, 42% avg.; 9% emerged, 15% 1994, 18% avg. Oats 30% seeded, 48% 1994, 41% avg.; 14% emerged, 29% 1994, 20% avg. Dry onions 57% planted, 76% 1994, 62% avg.; 1% very poor, 1% poor, 14% fair, 80% good, 4% excellent. Sugarbeets 85% planted, 87% 1994, 53% avg.; 2% poor, 10% fair, 83% good, 5% excellent. Summer potatoes 19% planted, 55% 1994, 34% avg. Corn 1% planted, 2% 1994, 1% avg. Spring wheat 11% seeded, 19% 1994, 19% avg.; 5% emerged, 6% 1994, 5% avg. Winter wheat 3% pastured, 6% 1994, 6% avg.; 34% jointed, 6% 1994, 11% avg.; 3% very poor, 10% poor, 26% fair, 46% good, 15% excellent. Livestock mostly in good to excellent condition. Cows 81% calved, 83% 1994, 78% avg. Ewes 80% lambing, 84% 1994, 83% avg. Pasture, range feed 6% very poor, 16% poor, 34% fair, 40% good, 4% excellent.

**FLORIDA:** Temperatures 4 to 6° above normal Panhandle, 1 to 3° above elsewhere in State. Lows: middle 40s north, middle 50s central, south. Highs: upper 80s statewide. One to 3 days rain north, 2 or less days elsewhere. Weekly rain total: 2.00 to 4.00 in. common Panhandle, Big Bend area, 1.00 in. isolated locations East Coast, under 0.10 in. elsewhere.

Field crop soil moisture 10% very short, 20% short, 65% adequate, 5% surplus. Growers in Panhandle incorporating herbicides, fertilizer. Peanut planting to begin. Cotton planting begun. Sugarcane harvest complete. Mostly dry, warm weather speeded vegetable fieldwork over southern Peninsula with harvest of some crops complete or nearing completion. The Palmetto-Ruskin tomato harvest began with a very light volume available. Some labor shortages becoming a problem in southeastern localities as workers move north. Volume leaders: Tomatoes, potatoes, peppers, cucumbers, sweet corn, squash, cabbage, celery, snap beans, radishes. Warm with very little rain, irrigation in use most citrus areas. Tree condition good to excellent, bloom nearly over, few trees still blooming. Valencia harvest very active. Grapefruit movement slowing as supplies are running low. Temple harvest nearly over. Caretakers cutting cover crops. Pushing, burning dead trees, resetting young trees. Pasture feed poor 5%, fair 25%, good 70%. Cattle 35% poor, 65% good.

**GEORGIA:** Temperatures 2° to 7° warmer than normal. Highs mid to upper 80s. Lows in 30s to low 40s northeast and extreme northwest, mid 40s to low 50s elsewhere. Rain 1 to 2 days during week most spots, totals less than 0.25 in. southeast and 0.25 to 1.00 in. elsewhere. Few spots central and southwest 1.00 to 2.00 in.

Days suitable for fieldwork 5.5. Soil moisture 10% very short, 47% short, 42% adequate, 1% surplus. Dry conditions in northern two-thirds of State continue to delay spring planting. Disease problems continue in wheat. Best crop conditions in southern third. Some rainfall at mid-week little effect on planting and land preparation. Onion harvest expected to increase. In drier areas, concern increasing as pastures decline due to dry weather. Tobacco plants short some areas. Corn 29% fair, 67% good, 4% excellent. Cotton 46% fair, 54% good; 4% planted, 6% 1994, 4% avg. Hay 14% poor, 45% fair, 40% good, 1% excellent. Peanuts 48% fair, 52% good; 7% planted, 4% 1994, 4% avg. Sorghum 6% planted, 5% 1994, 8% avg. Tobacco 34% fair, 62% good, 4% excellent; 87% transplanted, 86% 1994, 86% avg. Wheat 99% jointing, 100% 1994, 98% avg.; 90% boot, 98% 1994, 85% avg.; 57% headed, 86% 1994, 56% avg. Other small

grains 12% poor, 52% fair, 35% good, 1% excellent. Onions 19% fair, 78% good, 3% excellent; 2% harvested, 4% 1994, 3% avg. Watermelons 46% fair, 52% good, 2% excellent; 89% planted, 86% 1994, 81% avg. Other vegetables 48% fair, 48% good, 4% excellent. Apples 31% fair, 69% good; 95% blooming, 69% 1994, 67% avg. Peaches 10% fair, 90% good. Pasture feed 7% poor, 42% fair, 50% good, 1% excellent. Cattle 5% poor, 29% fair, 66% good. Hogs 4% poor, 17% fair, 78% good, 1% excellent. Activities: Preparing land for planting, applying herbicides, spreading lime, fertilizer, replanting preparation of equipment.

**HAWAII:** Mostly cloudy, light to moderate showers. Soil moisture adequate most areas, short in some. Gustly winds second half of week, 20 to 40 mph. Temperatures mid 60s to mid 80s. Rain none to 5.20 in.

Irrigation water use restrictions remain in effect in major vegetable growing areas on Maui, Hawaii. A few grazing areas on Hawaii island remain dry. Supplemental feeding cattle heavy. Hauling stockwater active some areas. Exposed crops sustaining wind damage. Banana, papaya production light. Insect infestations generally light.

**IDAHO:** Temperatures 7° below normal to normal. Nearly all areas a few degrees below normal with below normal precipitation. Precipitation 0.40 to 1.20 in. north, none to 0.14 in. southwest, none to 0.20 in. south central, none to 0.27 in. southeast. Extremes 18°; 78°.

Days suitable for fieldwork 4.3. Topsoil 3% short, 77% adequate, 20% surplus. Irrigation water supplies 4% poor, 5% fair, 69% good, 22% excellent. Range, pasture feed 7% fair, 71% good, 22% excellent. Hay, roughage supply 1% very short, 12% short, 78% adequate, 9% surplus. Spring wheat planted 46%, 68% 1994, 53% avg. Spring wheat emerged 11%, 23% 1994, 23% avg. Barley planted 29%, 54% 1994, 47% avg.; emerged 7%, 15% 1994, 19% avg. Oats planted 15%, 34% 1994, 32% avg.; emerged 3%, 10% 1994, 8% avg. Onions planted 73%, 99% 1994, 77% avg.; emerged 12, 40% 1994, 18% avg. Sugarbeets planted 38%, 82% 1994, 69% avg.; emerged 6%, 23% 1994, 18% avg. Dry peas planted 21%, 14% 1994, 28% avg. Calving completed 94%. Lambing completed 93%. Activities: Caring for livestock, branding, fertilizing, shipping seed potatoes, planting small grains, sugarbeets, onions.

**ILLINOIS:** Low pressure crossed State early in week generating some rain 3rd, 4th. Cooler air behind low, with low temperatures in the 30s across much of State 5th through 7th. Last half of week was mostly dry, temperatures moderated over weekend. Another front triggered showers, thunderstorms 14th night. Temperatures couple of degrees cooler than normal across north during period, generally couple of degrees warmer in south. Highs 50s north to 70s south. Lows 30s to 40s.

Days suitable for fieldwork 2.8. Topsoil moisture 14% short, 69% adequate, 17% surplus. Fieldwork limited across north due to rain, cold temperatures. Most farmers in north were preparing equipment, seeding oats, hauling grain, monitoring the health of spring calves. Farmers in south had drier soils, were applying fertilizer, herbicide, seeding set aside acres, completing secondary tillage. Corn planting noted in concentrated area of south. Soil temperatures at a minimally acceptable level, which prevented planting of corn. Oats 48% planted, 68% 1994, 54% avg. Alfalfa 1% poor, 12% fair, 76% good, 11% excellent. Pasture feed 2% poor, 21% fair, 68% good, 9% excellent.

**INDIANA:** Low pressure first part of week brought rain 3rd, 4th. Cooler air followed with lows around freezing north to mid, upper 30s south 7th morning. Temperatures moderated over weekend. Showers, thunderstorms crossed State 16th night. Temperatures 1 to 2° cooler than normal across north, 1 to 7° warmer than normal in south. Highs generally in 50s to 60s, except 70 to 75° far southwest. Average lows mid 30s to mid 40s. Precipitation 0.30 to 0.90 in. most places. Some areas far north, around Terre Haute to Bedford received 1.00 to 2.00 in.

Days suitable for fieldwork 2.3. Topsoil 3% very short, 13% short, 54% adequate, 30% surplus. Subsoil 4% very short, 27% short, 57% adequate, 12% surplus. Wet soils limited fieldwork, central, north areas. Good progress southern areas. Wheat 28% jointed, 12% 1994, 17% avg. Land 67% tilled, 60% 1994, 62% avg. Pasture feed 2% very short, 7% short, 42% fair, 43% good, 6% excellent. Hay supplies short, some areas. Apple buds 80% alive.

**IOWA:** Cloudy, cool, wet. Temperatures 2 to 5° below normal. Extremes 24° northwest, 13th; 76° south, 14, 15th. Precipitation, including some snow, sleet, widespread through 12th; then dry until light rain on 16th. Precipitation 0.57 in. west central to 2.64 in. southeast; State average 1.25 in., normal 0.73 in.

Days suitable for fieldwork 0.4. Topsoil adequate 54%, surplus 46%. Subsoil short 5%, adequate 72%, surplus 23%. 1995 primary seedbed preparation completed (includes fall tillage) 45%, 74% 1994, 56% avg.

1995 row crop acreage fertilizer applied (includes fall applications) 50%, 76% 1994, 56% avg. Oats planted 40%, 93% 1994, 63% avg.; emerged 4%, 16% 1994, 9% avg. Corn planted 0%, 3% 1994, 1% avg. Percent of crops tilled due to winter kill 3% winter wheat, 3% red clover hay, 4% alfalfa hay. Winter wheat 1% poor, 17% fair, 74% good, 8% excellent. Pasture feed 1% very poor, 8% poor, 37% fair, 46% good, 8% excellent. Calving conditions deteriorated last week due to weather. Calves experiencing problems with scours, pneumonia. Fed cattle performance feedlots being hindered by cold, muddy conditions. PRRS in hogs showing up west central district. Pasture growth remains slow due to cold temperatures.

**KANSAS:** Temperature averages were below normal in all but the southeast district. Temperatures 6° below normal in the north central district to 1° degree above normal in the southeast. Precipitation around 1.00 in. east central, southeast to about 0.25 in. western districts.

Days suitable for fieldwork 3.7. Topsoil moisture 7% very short, 20% short, 72% adequate, 1% surplus. Subsurface moisture 4% very short, 32% short, 63% adequate, 1% surplus. Wheat progress is well ahead of normal. Wheat jointing is 81%, 46% 1994, 46% avg. Cold weather moved into the State early in the week resulting in freeze damage to wheat of a yet unknown degree. Freeze damage is expected to be the worst in the west central, southwestern districts. Damage in these areas is estimated to be moderate to severe on 50 to 60% of the acres. Instances of wheat streak mosaic are reported in western districts. Rust is reported in the eastern half of the State. Light to moderate infestations of greenbugs are reported mostly in the southwestern, south central districts. Infestations are heaviest in the southwest. Oats seeded 99%, 98% 1994, 90% avg. Spring barley seeded 99%, 98% 1994, 90% avg. Stockmen are finishing up calving, lambing. Pasture burning is occurring in many areas. Hay, forage supplies are mostly adequate with only a few scattered shortages. Farmers major field activities are spring tillage along with corn planting.

**KENTUCKY:** Temperatures above normal past week. Daytime highs averaged lower to mid 70s, 5 to 10° above normal, nighttime lows averaged upper 40s to lower 50s, 2 to 5° above normal. Rainfall about 0.10 in. far west, around 1.00 in. below normal, to around 0.50 in. central, about 0.50 in. below normal, to 0.50 in. to 1.00 in. east.

Days suitable for fieldwork 4.9. Topsoil 16% very short, 49% short, 34% adequate, 1% surplus. Subsoil 17% very short, 42% short, 40% adequate, 1% surplus. Rain continues to be needed across the state. Tobacco plant beds 91% seeded, 85% 1994, 79% avg. Plants up 60%, 46% 1994, 47% avg. Winter wheat 2% poor, 18% fair, 63% good, 17% excellent. Pastures feed 1% very poor, 12% poor, 47% fair, 35% good, 5% excellent.

**LOUISIANA:** Temperatures normal to 3° above normal. Extremes 51°; 80°. Rainfall 0.99 in. southeast to 6.21 in. east central.

Days suitable for fieldwork 3.0. Soil moisture 1% short, 32% adequate, 67% surplus. Corn 4% very poor, 7% poor, 33% fair, 49% good, 7% excellent. 83% planted, 93% 1994, 84% avg.; 76% emerged, 81% 1994, 69% avg. Some fields lost to flooding. Cotton 1% emerged, 0% 1994, 0% avg. Planting off to a good start. Hay 1% first cutting, 2% 1994, 1% avg. Rice 35% emerged, 34% 1994, 30% avg. Heavy rain washed away some levees. Sorghum 5% emerged, 7% 1994, 11% avg. Spring plowing 67% plowed, 78% 1994, 64% avg. Sugarcane 3% very poor, 7% poor, 40% fair, 45% good, 5% excellent. Some fields showing signs of disease. Sweetpotatoes 0% planted, 1% 1994, 1% avg. Wheat 9% poor, 27% fair, 61% good, 3% excellent; 81% headed, 63% 1994, 72% avg.; 6% turning color, 4% 1994, 3% avg. Pasture feed 6% poor, 28% fair, 54% good, 12% excellent. Pasture fertilization increasing. Vegetables 1% very poor, 9% poor, 49% fair, 39% good, 2% excellent. Some damage from localized flooding. Livestock 1% very poor, 4% poor, 30% fair, 58% good, 7% excellent.

**MARYLAND & DELAWARE:** Maryland: Precipitation 1.06 in., normal 0.82 in. Rain statewide, most areas getting more than an inch. Temperature 55.2°, normal 52.1°. Extremes 27° 85°. Low temperatures low 30s to low 40s. Highs mainly in upper 70s to low 80s. Rain last week will help to relieve dry conditions.

Days suitable for fieldwork 5.9. Topsoil 7% very short, 47% short, 46% adequate. Subsoil 12% very short, 59% short, 29% adequate. Winter wheat 14% fair, 70% good, 16% excellent. Rye 37% fair, 41% good, 22% excellent; Barley 33% fair, 43% good, 24% excellent. Potatoes 75% planted, 3% 1994, 36% avg. Green peas 77% planted, 49% 1994, 58% avg. Sweet corn 20% planted, 1% 1994, 5% avg. Snap beans 7% planted, 0% 1994, 3% avg. Peaches 53% bloomed, 16% 1994, 51% avg. Apples 16% bloomed, 4% 1994, 22% avg. Strawberries 45% bloomed, 4% 1994, 17% avg. Pasture feed 3% poor, 50% fair, 40% good, 7% excellent. Activities: Farmers are preparing fields for planting and planting early crops. Field preparation and most plantings are still well ahead of average.

**Delaware:** Precipitation 0.87 in., normal 0.74 in. Temperature 54.4°, normal 52.3°. Extremes 31°; 79°. High temperatures mainly in 70s. Lows, low 30s to upper 40s. Rain last week has brought some relief to dry conditions.

Days suitable for fieldwork 5.5. Topsoil 24% very short, 41% short, 35% adequate. Subsoil 7% very short, 73% short, 20% adequate. Winter wheat 12% fair, 74% good, 14% excellent. Barley 11% fair, 73% good, 16% excellent. Potatoes 80% planted, 14% 1994, 47% avg. Green peas 72% planted, 29% 1994, 46% avg. Sweet corn 15% planted, 5% 1994, 6% avg. Peaches 65% bloomed, 39% 1994, 65% avg. Apples 6% bloomed, 3% 1994, 20% avg. Strawberries 25% bloomed, 3% 1994, 6% avg. Pasture feed 32% fair, 68% good. Activities: Preparation of fields for planting continues along with planting of early crops. Plowing, planting still well ahead of schedule.

**MICHIGAN:** Extremes 19°; 74°. Precipitation 0.10 to 1.65 in. across the State. Steady rains fell throughout the week. Rain, cold weather limited the amount of land preparation completed.

Livestock condition remains good and feed supplies remain adequate. Major activities included preparing machinery for spring, spreading fertilizer, manure, calving, lambing.

**MINNESOTA:** Temperatures 1° above normal to 10° below normal. Extremes 16°; 61°. Precipitation 0.12 in. below normal northwest to 1.05 above normal west central. Precipitation 0.22 to 1.57 in. for State. Greatest weekly total was 2.27 in.

Topsoil 37% adequate, 63% surplus. Subsoil 65% adequate, 35% surplus. Spring wheat 0% planted, 5% 1994, 12% avg. Oats 0% seeded, 14% 1994, 15% avg. Barley 0% seeded, 1% 1994, 6% avg. Sugarbeets 0% planted, 0% 1994, 2% avg. Green peas 0% planted, 4% 1994, 7% avg. Corn 0% ground prepared, 2% 1994, 5% avg. Soybeans 0% ground prepared, 1% 1994, 1% avg. Date estimated for full scale fieldwork to begin April 24, 1995.

**MISSISSIPPI:** Temperatures 2.0° above normal. Extremes 36°; 90°. Soil temperatures 69°. Precipitation 1.79 in., 0.34 in. above normal. Rainfall throughout the State, 0.82 in. north central district, 3.96 in. on the coastal district.

Days suitable for fieldwork 5.2. Soil moisture for topsoil 1% very short, 12% short, 74% adequate, 13% surplus. Subsoil 6% short, 75% adequate, 19% surplus. Corn 78% planted, 63% 1994, 50% avg.; 55% emerged, 45% 1994, 35% avg.; 21% fair, 67% good, 12% excellent. Wheat 93% jointing, 85% 1994, 83% avg.; 16% heading, 14% 1994, 21% avg.; 4% poor, 33% fair, 46% good, 17% excellent. Watermelons 23% planted, 25% 1994, 35% avg.; 1% poor, 7% fair, 92% good. Livestock 3% poor, 23% fair, 60% good, 14% excellent. Range, pasture feed 5% poor, 25% fair, 53% good, 17% excellent. Most grounds were ready for planting. All district in the State received a much needed rain to settle seed beds before planting. Some of the farm activities for the week were planting corn, rice, cotton ground preparation.

**MISSOURI:** Temperatures 48° Hannibal-Quincy area to 63° at Caruthersville. Precipitation 1.67 in., varying from 0.23 in. southeast, to 2.73 in. southwest. Majority of rainfall received over weekend.

Days suitable for fieldwork 3.0. Topsoil 5% very short, 19% short, 67% adequate, 9% surplus. Southeast district reported 90% corn planted, compared to 31% in 1994. Oats 86% sown, 76% 1994, 65% avg. Oats sown by districts ranges from 72% northeast to 100% southern third of the State. Ground tilled for spring crops 70%, 59% 1994, 59% avg. Bootheel needs rainfall to germinate corn, activate fertilizer/chemicals.

**MONTANA:** Temperatures varied across the State. Below normal west of divide, near to above normal elsewhere. Most stations reported near to above normal precipitation. Conrad, Baker were the only stations that reported no moisture.

Days suitable for fieldwork 1.3. Topsoil 4% very short, 14% short, 56% adequate, 26% surplus. Subsoil 8% very short, 28% short, 57% adequate, 7% surplus. Winter wheat 8% still dormant, 62% greening, 30% green and growing. Field tillage work in progress 55% none, 37% light, 8% well underway. Spring wheat planted 5%, 13% 1994, 18% avg. Barley 5% planted, 26% 1994, 23% avg. Oats 3% planted, 11% 1994, 11% avg. Sugarbeets 7% planted, 35% 1994, 28% average. Calving 83% complete. Lambing 64% complete. Grazing condition 71% open, 23% difficult, 6% closed.

**NEBRASKA:** Temperatures 4 to 7° below normals across the State. Precipitation occurred in the form of snow, rain averaging 0.20 in. south central to 1.00 in. west, east.

Days suitable for fieldwork 0.9. Topsoil 5% short, 64% adequate, 31% surplus. Subsoil 11% short, 77% adequate, 12% surplus. Wheat 1% poor, 25% fair, 64% good, 10% excellent; 4% jointed, 1% 1994, 4% avg. Oats 31% planted, 82% 1994, 63% avg. Pasture, range feed fair to good condition. Calving 81% complete. Scours some calves due to last week's storm.

**NEVADA:** A series of cold fronts swept across the State, bringing below normal temperatures, scattered snow showers, gusty winds. Temperatures were down sharply; northwest down 9°, northeast -8°, south central -4°, extreme south -5°. Extremes 3° Mountain City, 86° Logandale. Precipitation 0.20 to 0.90 in. northeast, traces to 0.20 in. elsewhere.

Haying continued in the extreme south, planting continued in the north. Onion planting progressing. Garlic actively growing. Ranges continuing to green, grow. Calving, lambing in full swing. Main farm, ranch: Calving, lambing, haying, spring planting.

**NEW ENGLAND:** Precipitation 0.31 to 1.37 in. regionwide. Temperatures 35 to 43° north; 41 to 49° south. Maximum temperatures 42 to 65° north; 54 to 70° south. Minimum temperatures 10 to 33° north; 20 to 39° south.

Major farm activities: Caring for livestock, moving crops out of storage, repairing equipment, placing chick orders. Completing fruit tree pruning. Southern farmers tilling, spreading manure, starting to plant early season crops. Maple syrup production nearly complete.

**NEW JERSEY:** Temperatures much below normal. Extremes 24°; 76°. Rainfall 0.75 in. north, 0.76 in. central, 0.83 in. south. Heaviest 24 hour total was 0.99 in. on the 12th to 13th. Estimated soil moisture, in percent of field capacity, averaged 98% north, 95% central, 79% south.

Days suitable for fieldwork 6. Topsoil moisture adequate. Farmers plowing, discing. Spring oats germinating southern areas. Farmers in central, southern districts planting peas, carrots, potatoes, spinach, other vegetables, (sweet corn under plastic). Fertilizing, liming also reported.

**NEW MEXICO:** Week began with unseasonably cold air over state, but rapid warming took place by mid week. Temperatures 1 to 2° below normal for state, with anomalies of -4 to -5° over roughly the northeast quarter. Measurable precipitation fell with a late-winter storm at beginning of week, mainly confined to northern half. Greatest reported amounts were 0.33 in. at Farmington, 0.26 in. at Albuquerque, 0.25 in. at Roy. Snow fell as low as 5000 to 6000 feet with this storm.

Days suitable for fieldwork 6.0. Soil moisture 33% very short, 41% short, 26% adequate. Alfalfa 7% very poor, 8% poor, 50% fair, 27% good, 8% excellent. Wheat 39% very poor, 31% poor, 24% fair, 6% good. Chile 5% poor, 55% fair, 38% good, 2% excellent. Onions 42% fair, 50% good, 8% excellent. Lettuce 25% fair, 30% good, 45% excellent. Apples 8% very poor, 77% poor, 9% fair, 6% good. Pasture feed 20% very poor, 45% poor, 24% fair, 10% good, 1% excellent. Cattle 1% very poor, 13% poor, 42% fair, 43% good, 1% excellent. Sheep 2% very poor, 12% poor, 35% fair, 50% good, 1% excellent.

**NEW YORK:** Unseasonably cool, temperatures 3 to 5° below normal. Extremes 4°; 69°. Rainfall was widespread, 0.66 to 1.00 in.

Activities: Tending livestock, spreading manure, spring plowing, maintenance. Maple producers cleaning, storing equipment, marketing sap.

**NORTH CAROLINA:** Continued sunny skies have begun to concern many farmers, as most areas are nearly an inch of rain behind normal. Temperature 62°, 4° below normal. Extremes 34°; 81°. Precipitation averaged 0.36 in., 0.48 in. below normal.

Days suitable for fieldwork 6.2. Soil moisture 19% very short, 53% short, 28% adequate. Corn planting benefitted greatly from dry conditions, but same conditions delayed germination. Corn 55% planted, 44% 1994, 35% avg. Irish potatoes 97% planted, 94% 1994, 93% avg. Cabbage 84% transplanted, 90% 1994, 88% avg. Crop conditions remain mostly good. Oats 3% poor, 38% fair, 56% good, 3% excellent; barley 8% poor, 41% fair, 48% good, 3% excellent; rye 18% fair, 78% good, 4% excellent; pasture 1% very poor, 9% poor, 48% fair, 42% good; outside tobacco plant beds 4% very poor, 11% poor, 22% fair, 56% good, 7% excellent; greenhouse tobacco plant beds 4% fair, 71% good, 25% excellent; Irish potatoes 2% fair, 95% good, 3% excellent; peaches 2% fair, 90% good, 8% excellent; truck crops 1% very poor, 3% poor, 34% fair, 61% good, 1% excellent; supplies of tobacco plants 15% short, 84% adequate, 1% surplus; hay, roughage supplies 9% short, 90% adequate, 1% surplus. Activities included spring land preparation; managing tobacco plant beds; liming, fertilizing; tending livestock; repairing equipment, general farm maintenance.

**NORTH DAKOTA:** Temperatures for the week were below normal. Temperatures 4° below normal, southwest to 2° below normal, central,

northwest. Extremes 11° north central, northeast; 65° northwest, west central.

Fieldwork expected to start April 27th, over week later than last year. Topsoil 51% adequate, 49% surplus. Subsoil 2% short, 61% adequate, 37% surplus. Hard red spring wheat 0% planted, 1% 1994, 8% avg.; durum 0% planted, 0% 1994, 2% avg.; oats 0% planted, 0% 1994, 5% avg.; barley 0% planted, 0% 1994, 6% avg. Calving 71% complete; lambing 76% complete; shearing 82% complete. Cattle 7% fair, 87% good, 6% excellent; calf 1% poor, 17% fair, 78% good, 4% excellent; sheep 8% fair, 88% good, 4% excellent; lamb 13% fair, 84% good, 3% excellent. Hay, forage supplies 5% short, 93% adequate, 2% surplus. Grain, concentrate supplies 1% short, 96% adequate, 3% surplus. Majority of cattle, sheep receiving supplemental feeds, 92% of pastures, ranges still dormant. Early pasture, range 11% poor, 26% fair, 58% good, 5% excellent.

**OHIO:** Sharp temperature fluctuations. Frontal systems produced thunderstorms, showers. Highs averaged 50s north to 60s south, 1 to 6° below normal north, east, 1 to 2° above normal central and southwest. Lows averaged mid to upper 30s north, 40s south which was close to normal northwest, 1 to 2° below normal southeast, east central. Frost, freezing temperatures occurred. Extremes mid 20s to mid 30s. Precipitation 0.40 to 1.30 in. Amounts of 1.00 in. or more north. Rainfall totals below normal 0.10 to 0.40 in. southern 2/3 of the State, above normal 0.10 to 0.60 in. northern 1/3. Soil temperatures at 4-inch depth under bare ground averaged mid to upper 40s north, low 50s south.

Days suitable for fieldwork 1.3. Soil moisture 1% very short, 5% short, 58% adequate, 36% surplus. Heavy rains, were severe at times, held up spring planting. Moisture welcomed, replenished dry subsoils. Warmer weather needed. Wheat fields coming up thick, growers concerned that air flow will be limited, which could lead to disease. Pasture feed growth inadequate to meet needs of livestock. Recent rains improved pasture feed conditions. Damage to this year's apple crop does not appear as severe as feared. Growers cautiously optimistic. Cold weather destroyed peach, plum crop in areas. Damp conditions, large temperature fluctuations caused problems with outside calving, lambing. Tobacco sown 90%. Oats planted 39%, 19% 1994, 14% avg. Oats emerged 10%, 3% 1994, 1% avg. Sugarbeets planted 10%, 6% 1994, 11% avg. Potatoes planted 3%, 3% 1994, 8% avg. Wheat jointed 4%, 3% 1994, 0% avg. Pasture feed 5% poor, 28% fair, 57% good, 10% excellent. Hay 2% poor, 28% fair, 59% good, 11% excellent. Apples 1% very poor, 3% poor, 23% fair, 67% good, 6% excellent. Peaches 12% very poor, 10% poor, 39% fair, 35% good, 4% excellent.

**OKLAHOMA:** Temperatures 1.5° below normal central to 0.3° above normal east central district. Precipitation none Panhandle district to 1.55 in. southwest district.

Days suitable for fieldwork 4.7. Topsoil 6% very short, 18% short, 61% adequate, 9% surplus. Subsoil 14% very short, 17% short, 65% adequate, 4% surplus. Wheat 2% very poor, 5% poor, 26% fair, 60% good, 7% excellent; 95% jointing, 81% 1994, 82% avg.; 15% heading, 4% 1994, 15% avg. Oats 40% jointing, 36% 1994, 47% avg.; 4% heading, 2% 1994, 5% avg. Barley 54% jointing, 32% 1994, 42% avg.; 18% heading, 2% 1994, 2% avg. Corn 91% seedbed prepared, 84% 1994, 86% avg.; 21% planted, 30% 1994, 26% avg.; 10% up-to-stand, 9% 1994, 7% avg. Sorghum 57% seedbed prepared, 28% 1994, 45% avg, 2% planted, 2% 1994, 3% avg.; 0% up-to-stand, 1% 1994, 1% avg.; Soybeans 38% seedbed prepared, 44% 1994, 45% avg.; 4% planted, 11% 1994, 4% avg.; 1% up-to-stand, 1% 1994, 1% avg. Peanuts 45% seedbed prepared, 55% 1994, 47% avg. Cotton 65% seedbed prepared, 75% 1994, 62% avg.; 0% planted, 0% 1994, 1% avg. Alfalfa hay 3% 1st cutting, 16% 1994, 1% avg. Pasture, range feed 6% poor, 23% fair, 65% good, 6% excellent. Livestock 4% poor, 16% fair, 72% good, 8% excellent. Feeder steer, heifer prices \$1.00 to \$4.00/cwt higher.

**OREGON:** Temperatures below normal, statewide. Precipitation heavy. Coast 2.50 to 2.70 in., 1.30 in. Willamette Valley, eastern section 0.50 in.

Days suitable to fieldwork 3.6. Topsoil 1% short, 87% adequate, 12% surplus. Subsoil 5% short, 88% adequate, 7% surplus. Winter wheat 6% very poor, 15% poor, 42% fair, 33% good, 4% excellent. All barley planted 61%. Some wheat reseeding continued Columbia Basin. Cultivation Willamette hops yards. Rust emergence in cereal crops, southern Willamette Valley. Cereal grain field preparation, fertilization, herbicide application continued, weather permitting. Malheur County onion planting winding down, potato planting continued. Willamette Valley: vegetable field preparation stalled due wet conditions; tree fruit bloom continued; caneberry, strawberry bloom underway; pollination light due to wet conditions. Hood River Valley apples, pears full bloom,

light pollination. Cranberries development quite varied, southern coast. Willamette Valley nurseries: good spring growth, harvesting retail shipments. Livestock good to excellent. Range, pasture feed 8% fair, 82% good, 10% excellent. Calving continued. Branding, spring turnout underway. Supplemental feeding continued east.

**PENNSYLVANIA:** Temperature below normal, northwesterly winds behind cold fronts kept chill in the air. Some precipitation in all areas. Northern areas received snow. Temperature 48°, 3° below normal. Extremes 19°; 80°. Precipitation 1.08 in., 0.26 in. above normal.

Days suitable for fieldwork 3.1. Soil moisture 1% very short, 22% short, 64% adequate, 13% surplus. Spring plowing 43% complete, 7% 1994, 24% avg. Oats planted 37%, 5% 1994, 22% avg. Tobacco beds planted 70% complete, 25% 1994, 53% avg. Potatoes planted 7% complete, 7% 1994, 11% avg. Wheat 1% poor, 15% fair, 70% good, 14% excellent. Alfalfa and alfalfa mixtures stand 1% very poor, 1% poor, 25% fair, 70% good, 3% excellent. Timothy clover stand 2% very poor, 6% poor, 25% fair, 63% good, 4% excellent. Peaches pink stage 18%, 7% 1994, 23% avg.; 0% full bloom or past, 0% 1994, 7% avg. Cherries pink stage 18%, 5% 1994, 16% avg; 0% full bloom or past, 0% 1994, 4% avg. Apples pink stage 10%, 0% 1994, 7% avg. Activities: Planting oats, alfalfa, grasses; spring plowing; spreading fertilizer, lime; getting planting equipment ready; hauling manure; fixing fence; caring for livestock.

**PUERTO RICO:** No weather data available.

**SOUTH CAROLINA:** Statewide trace of precipitation. Temperatures above normal.

Days suitable for fieldwork 6.3. Soil moisture 35% very short, 59% short, 6% adequate. Corn 42% fair, 58% good; 82% planted, 74% 1994, 62% avg. Tobacco fair to good: 40% transplanted, 43% 1994, 46% avg. Wheat 15% poor, 50% fair, 35% good, 21% headed, 14% 1994, 13% avg. Peaches fair to good. Cantaloupes fair; 52% planted, 69% 1994, 52% avg. Watermelons fair; 72% planted, 78% 1994, 67% avg. Cucumbers fair to good; 61% planted, 60% 1994, 59% avg. Snap beans fair to good; 51% planted, 53% 1994, 47% avg. Tomatoes fair to good; 95% planted, 90% 1994, 85% avg. Pastures 1% very poor, 17% poor, 59% fair, 23% good.

**SOUTH DAKOTA:** Temperatures 10 to 15° below normal. Extremes 11°; 73°. Central third of State received 15 to 25 in. snow while rest of State received 5 to 15 inches. Melted precipitation amounts generally 1.50 to 2.50 in. central third; 0.75 to 1.00 in. elsewhere. Heaviest melted precipitation 5.25 in. Highmore.

Days suitable for fieldwork 0.1. Topsoil 35% adequate, 65% surplus. Subsoil 4% short, 44% adequate, 52% surplus. Winter Rye 24% fair, 61% good, 15% excellent. Barley 1% planted, 13% 1994, 29% avg. Oats 1% planted, 25% 1994, 38% avg. Extremely wet conditions keeping producers from doing fieldwork, some reports of two weeks before significant fieldwork can take place some areas. Livestock 1% very poor, 3% poor, 19% fair, 68% good, 9% excellent. Some heavy calving losses reported due to both storm, scours following storm. Muddy lots continue to be big problem many areas of State. Pasture feed 5% poor, 33% fair, 53% good, 9% excellent. Cattle moved to pasture 4%. Calving 59% complete, lambing 70%. Feed supplies 1% very short, 16% short, 78% adequate, 5% surplus. Stockwater supplies 2% short, 65% adequate, 33% surplus.

**TENNESSEE:** Temperatures normal to 7° above normal. Extremes 35°; 91°. Showers early week, ranging from 0.07 to 0.82 in.

Days suitable for fieldwork 6.0. Topsoil 15% very short, 52% short, 33% adequate. Subsoil 5% very short, 51% short, 44% adequate. Corn planting west, southern middle. Delays no-till planting until adequate soil moisture. Wheat good despite signs of disease. Cotton planting limited. Corn 60% planted, 8% 1994, 12% avg. Tobacco 96% seeded, 93% 1994, 95% avg.; 75% plants up, 63% 1994, 69% avg. Wheat 5% poor, 37% fair 46% good, 11% excellent; 93% jointed, 52% 1994, 62% avg.; 19% headed, 0% 1994, 3% avg. Apples 98% bud or beyond, 87% 1994, 87% avg.; 87% bloom or beyond, 40% 1994, 54% avg. Peaches 99% bud or beyond, 96% 1994, 97% avg.; 94% bloom or beyond, 87% 1994, 92% avg. Cotton 2% planted, 1% 1994, 1% avg. Pasture feed 11% poor, 34% fair, 49% good, 6% excellent.

**TEXAS:** Moderate, heavy rain fell eastern half of State last week, especially east, received an average total of 1.44 in. Departures ranged from 0.31 in. east, 0.56 in. south central. The remaining divisions received between no rain, 0.50 in., 0.10 in., 0.30 in. Some larger precipitation 3.92 in. Toledo Bend Reservoir, 2.59 in. Sam Rayburn Dam. Mean temperature above normal across most State, exception below normal readings low rolling plains, lower valley, south central, southern. Most departures within 2° of normal.

**Crops: Small Grains:** High Plains wheat crop sustained additional damage as temperatures dropped into teens. The extent not known for awhile; however, some producers expecting worst. Dry conditions have plagued crop High Plains before cold temperatures. Progress slowed some portions of Blacklands, Central, with the cooler temperatures. Fields continued head out. Wheat 21% headed, 21% 1994, 17% avg. Corn planting continued on additional fields during week the High Plains. Cooler temperatures across much of state slowed growth on planted fields. Isolated heavy rain, hail caused some damage stands the Blacklands, Coastal Bend. Corn 2% poor, 46% fair, 38% good, 14% excellent. Cotton land preparations, irrigation operations winding down in Plains as planting time neared. Growth many areas slowed by cooler temperatures. Hail also caused some damage Coastal Bend. Planting continued areas where conditions allowed. Grain Sorghum: Cooler temperatures slowed growth, germination on newly planted fields parts of State last week. Most areas showing good stands on planted fields. Sorghum 54% fair, 43% good, 3% excellent. Rice some additional planting resumed along Upper Coast as many fields drying out from recent rains. Progress emerged fields improved last week with mostly open conditions. Rice 30% emerged, 21% 1994, 18% avg. Other crops: Sugarbeets 34% planted, 44% 1994, 45% avg. Peanuts 1% planted, 0% 1994, 0% avg. Soybeans 6% planted, 9% 1994, 3% avg.

**Commercial Vegetables:** Rio Grande Valley: Onion harvest increasing. Melons making good progress. Tomatoes, carrots, cabbage also making good progress. San Antonio-Winter Garden area: Onion harvest beginning in few early fields. Watermelons showing good progress. East Texas: Some fieldwork performed; however, most activity limited by rainfall. Early planted crops were good progress while progress on later planted fields slowed by cooler temperatures. Trans-Pecos area: Progress slowed onion and melon fields because cooler weather. High Plains: Additional irrigation in preparation for planting occurred. Pecans: Trees continued leaf out, bloom across most areas. Additional foliar zinc spraying occurred as weather allowed. Peaches: Producers Hill Country beginning to thin crop where set good. Cooler temperatures parts North Texas may have caused some damage. **Range and Livestock:** Ranges, pastures continued good despite cooler temperatures. Many producers applied fertilizer, weed killer later week. Supplemental feeding decreased. Overall livestock conditions good. Gains reported very good. Flies becoming problem some areas.

**UTAH:** Temperature maximums 1° below normal; minimums 1° above normal. Precipitation light to moderate throughout most of State. Uinta Basin, Dixie division received no measurable precipitation.

Days suitable for fieldwork 5.2. Topsoil 10% short, 88% adequate, 2% surplus. Subsoil 5% short, 93% adequate, 2% surplus. Winter wheat 2% poor, 5% fair, 82% good, 11% excellent. Fall barley 11% fair, 72% good, 17% excellent. Spring wheat planted 73%, 72% 1994, 71% avg.; emerged 39%, 38% 1994, 24% avg. Barley planted 72%, 69% 1994, 70% avg.; emerged 44%, 37% 1994, 33% avg. Oats planted 35%, 40% 1994, 45% avg.; emerged 25%, 16% 1994, 21% avg. Alfalfa hay height 4.6 in., 3.7 in. 1994, 4.7 in. avg. Range, pasture feed 4% poor, 23% fair, 59% good, 14% excellent. Sweet cherries full bloom or past 81%. Tart cherries full bloom or past 11%. Peaches full bloom or past 97%. Apples full bloom or past 11%. Pears full bloom or past 75%. Cattle, calf 2% poor, 12% fair, 84% good, 2% excellent. Sheep, lamb 12% fair, 86% good, 2% excellent. Cows calved 74%, 80% 1994, 79% avg. Ewes lambing on farm 77%, 79% 1994, 82% avg. Ewes lambing on range 38%, 56% 1994, 51% avg. Sheep sheared on the farm 70%, 73% 1994, 73% avg. Sheep sheared on range 53%, 58% 1994, 57% avg. Farm activities: Spring preparation, planting, calving, lambing, cleaning corrals.

**VIRGINIA:** Temperatures above normal for week. Extremes 34°; 89°. Precipitation normal in north, central, below normal in southwest.

Days suitable for fieldwork 5.5. Topsoil 23% very short, 63% short, 14% adequate. Other hay 8% very poor, 30% poor, 56% fair, 6% good. Pasture feed 8% very poor, 38% poor, 49% fair, 5% good. Alfalfa hay 8% very poor, 3% poor, 71% fair, 18% good. Apple 2% poor, 38% fair, 60% good. Peach 7% poor, 61% fair, 32% good. Barley 9% poor, 55% fair, 36% good. Wheat 11% poor, 56% fair, 33% good. Tobacco greenhouse 30% fair, 56% good, 18% excellent; planted 16% poor, 13% fair, 71% good. Corn 19% poor, 68% fair, 13% good; 18% planted, 11% 1994, 8% avg. Potatoes 100% planted. Light rains reported in scattered areas improved small grains condition, topsoil moisture. Growth in pastures, hay fields rejuvenated. Producers reported although rain improved conditions, much more is still needed. Farm activities: cutting rye haylage, spraying land for no till cotton, scouting wheat for mildew, herbicide applications, moving cattle to spring pastures.

**WASHINGTON:** Weekly temperatures were 3° below to 1° above normal west; 4° below to normal east. Precipitation 0.44 to 1.91 in. west; none to 0.70 in. east. Wet weather, early morning frosts hampered fieldwork.

Days suitable for fieldwork 4.0. Topsoil 1% short, 85% adequate, 14% surplus; subsoil 19% short, 77% adequate, 4% surplus. Irrigation water supply 25% short, 70% adequate, 5% surplus. Some areas were top dressing late seeded winter wheat with nitrogen to stimulate plant growth. Alfalfa planting nearly complete. Fruit trees in bloom, periodic frost protection was needed. Blueberries, strawberries in bloom, raspberries developing rapidly. Asparagus harvest begun, rhubarb continued. Carrots, peas, lettuce, sweet corn planted. More livestock on pasture. Calving season had normal health problems. Lambing season had high stillbirths, neonatal deaths. Winter wheat, dryland 4% very poor, 14% poor, 35% fair, 47% good; irrigated, 2% fair, 90% good, 8% excellent. Hay, other roughage supplies 4% very short, 17% short, 75% adequate, 4% surplus. Pasture feed 4% very poor, 30% poor, 42% fair, 24% good. Barley, 37% planted, 70% 1994, 68% avg.; 19% emerged, 47% 1994, 39% avg. Dry peas 36% planted, 28% 1994, 41% avg. Potatoes, 31% planted, 50% 1994, 39% avg.; 7% emerged, 11% 1994, 8% avg. Spring wheat, 48% planted, 77% 1994, 75% avg.; 24% emerged, 44% 1994, 43% avg.

**WEST VIRGINIA:** Temperature 51°. Extremes 20°; 90°. Precipitation 0.53 in. Temperatures 2° below normal in the northeastern division to 4° above normal in the southern division. Precipitation averages ran from normal in the northeastern division to 0.42 in. below normal in the southern, southwestern division.

Days suitable for fieldwork 4.1. Topsoil 5% very short, 43% short, 52% adequate. Barley 87% fair, 13% good. Wheat 1% very poor, 4% poor, 36% fair, 48% good, 11% excellent. Hay 31% poor, 40% fair, 29% good. Intended acreage prepared for spring planting 60%, 18% 1994. Corn planted 15%, 5% 1994. Oats planted 33%, 11% 1994, 26% avg.; 12% emerged. Tobacco beds seeded 66%, 99% 1994, 81% avg.; 5% emerged, 53% 1994, 34% avg. Soybeans planted 19%. Apples 100% good. Peaches 100% good. Pasture feed 2% very poor, 18% poor, 66% fair, 14% good. Cattle 6% poor, 10% fair, 82% good, 2% excellent. Sheep 1% poor, 12% fair, 86% good, 1% excellent. Hay, roughage supplies 1% very short, 10% short, 77% adequate, 12% surplus. Feed grain supplies 7% short, 90% adequate, 3% surplus. Activities: Plowing, fertilizing pasture, hay fields, building, repairing fences, calving, lambing, general maintenance of equipment.

**WISCONSIN:** Temperature 40°, 5° below normal. Extremes 17°; 68°. Precipitation 0.60 to 1.60 in.

Days suitable for fieldwork 1.9. Soil moisture 6% short, 68% adequate, 26% surplus. Spring tillage 4%, 14% 1994, 10% avg. Oats planted 2%, 24% 1994, 10% avg. There has not been much progress over the past week, due to cool, wet conditions. Most of the farmers across the State are waiting for the fields to dry out, allow them to start some fieldwork. Farmers are waiting for nice weather to come, allow them to start planting. Potatoes are being planted in the sandy central soils. Most reporters indicated that the winter wheat, alfalfa crops look good. Reporters noted that damage was seen on a few alfalfa fields due to the late April frost. Some growers have seeded their tobacco beds this past week. Maple syrup production is well below normal, few good runs recently has helped to increase production. Quality of syrup is below normal due to the trees budding out during the warm weather of March.

**WYOMING:** Temperatures normal to 10° below normal across the State. Extreme low 7° Moran, high 79° Newcastle. Colony was the cold spot averaging 10° below normal. Precipitation received across State, except few southwest, north central parts. North east part of the State, Moran received slightly above normal precipitation, while the rest of the State received 0.10 to 0.40 in. below normal. Alva had the greatest amount with 0.60 in.

Days suitable for fieldwork 4.1. Topsoil 7% very short, 19% short, 74% adequate or better. Subsoil 31% short, 69% adequate or better. Spring wheat 31% planted, 20% 1994, 29% avg.; 3% emerged, 3% 1994, 6% avg. Oats 25% planted, 34% 1994, 27% avg.; 2% emerged, 4% 1994, 5% avg. Barley 70% planted, 67% 1994, 60% avg.; 13% emerged, 26% 1994. Sugarbeets 36% planted, 41% 1994, 36% avg. Winter wheat fair to good. Spring calving complete 78%, 79% 1994, 77% avg. Calf death losses 57% light, 43% normal. Farm flock: ewes lambing 85%, 86% 1994, 82% avg.; shorn 89%, 90% 1994, 79% avg. Range flock: ewes lambing 13%, 18% 1994, 30% avg.; shorn 53%, 50% 1994, 51% avg. Lamb death losses 26% light, 74% normal. Range, pasture feed 4% poor, 48% fair, 48% good. Hay, roughage supplies mostly adequate.

# International Weather and Crop Summary

## HIGHLIGHTS

April 9 - 15, 1995

**FSU-WESTERN:** Cool, damp weather over Ukraine benefited winter wheat in the early vegetative stage but slowed spring grain planting.

**NORTHWESTERN AFRICA:** The fourth consecutive week of unfavorable dryness covered winter grains in Algeria and Tunisia.

**EUROPE:** Mostly favorable planting moisture prevailed across Europe, but unseasonably cool weather slowed crop growth in the east.

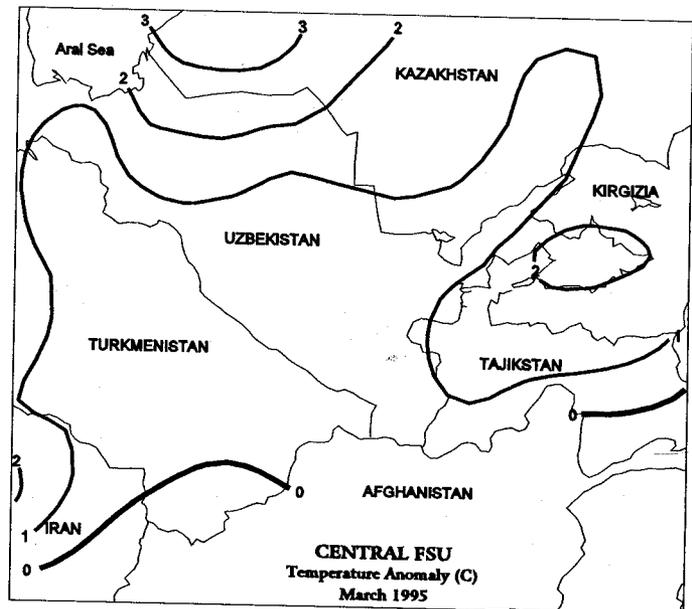
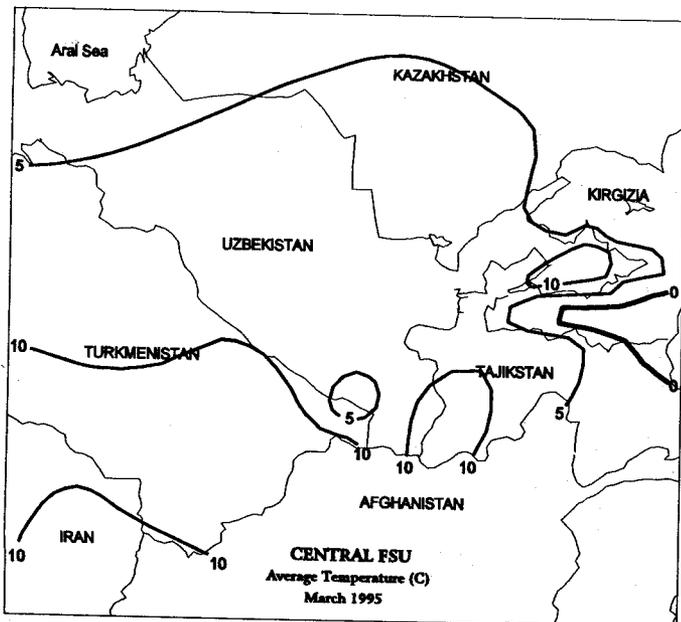
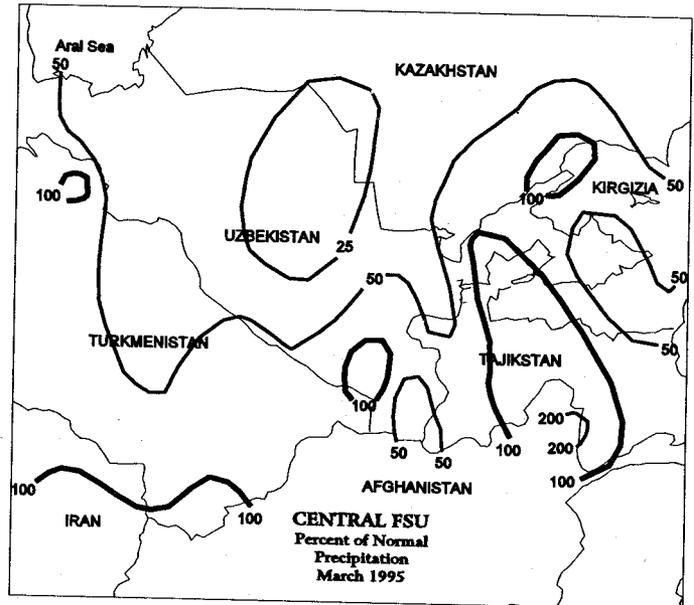
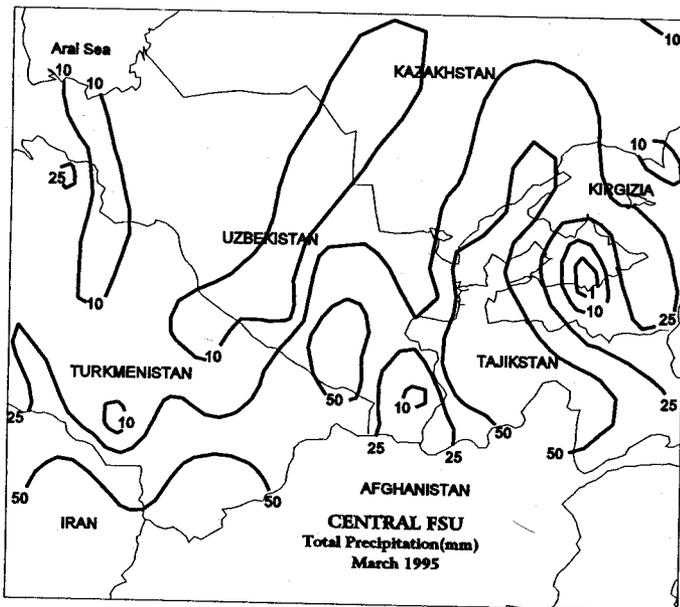
**SOUTHEAST ASIA:** Rainfall tapered off over most Javan rice areas, bringing some relief to mature crops.

**SOUTH AFRICA:** Cooler weather and light, scattered showers slowed late-corn growth but kept topsoils moist for wheat planting.

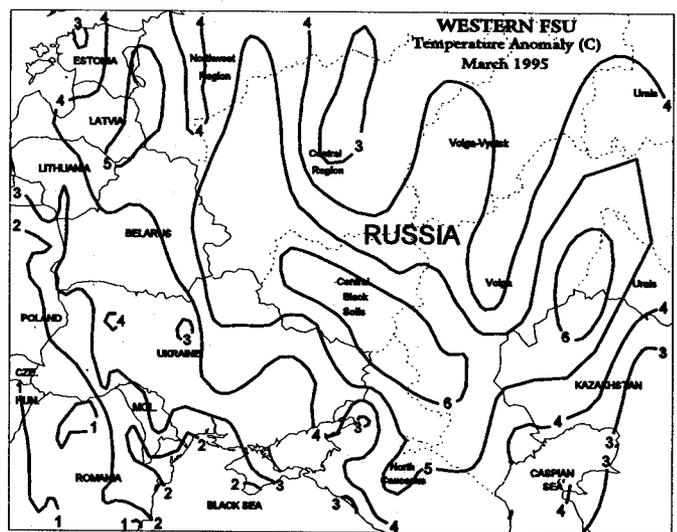
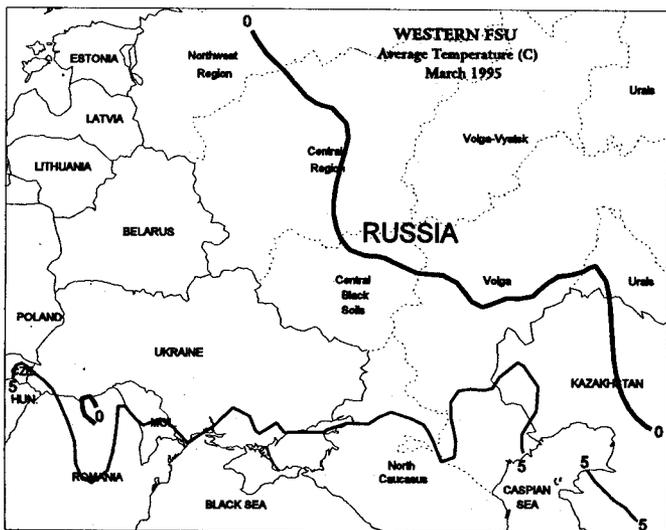
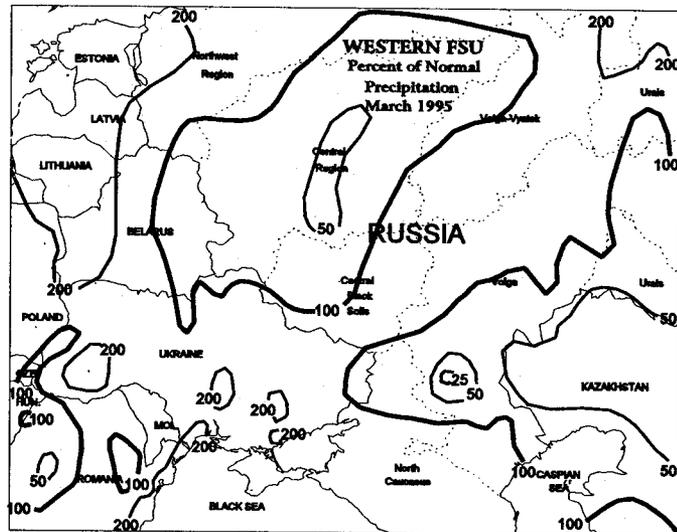
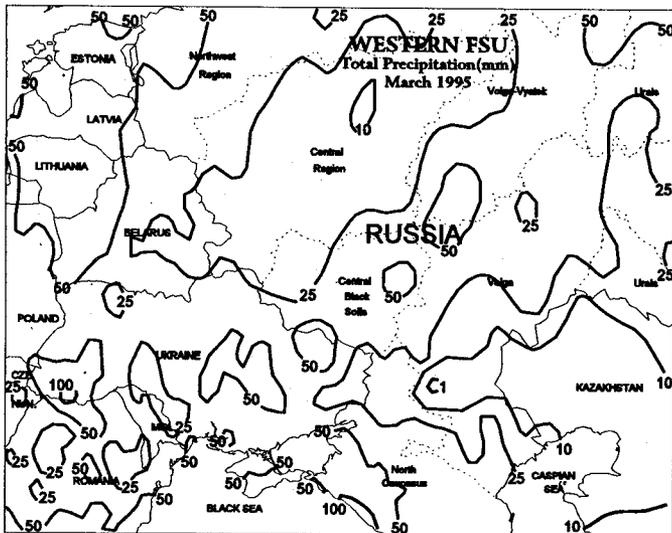
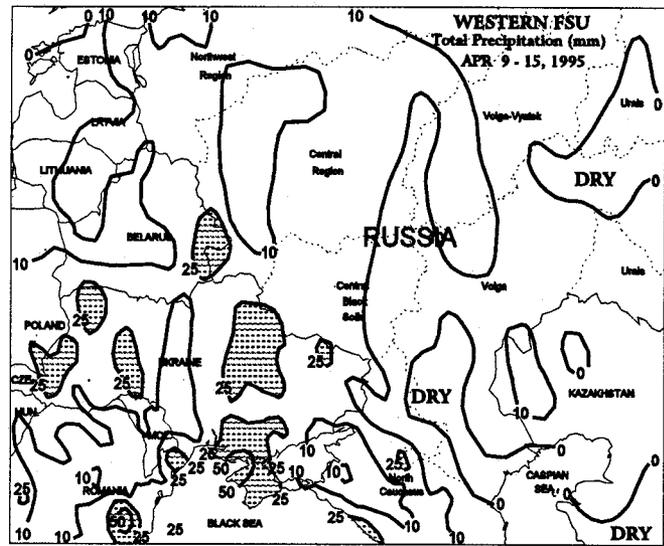
**EASTERN ASIA:** Widespread showers aided winter wheat and early summer crops across the southern North China Plain and most of central and southern China.

**AUSTRALIA:** Light, scattered rain in the east brought little relief to immature summer crops.

**SOUTH AMERICA:** Drier weather returned to Argentina, after early-week heavy rain delayed summer crop harvesting. Mostly dry weather continued to favor summer crop harvesting across southern Brazil.

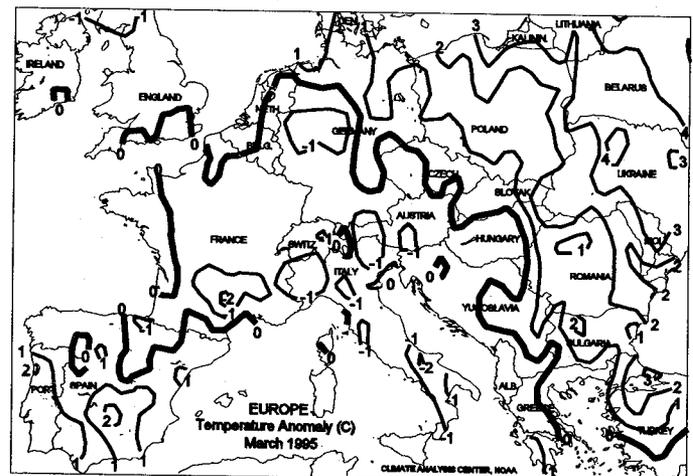
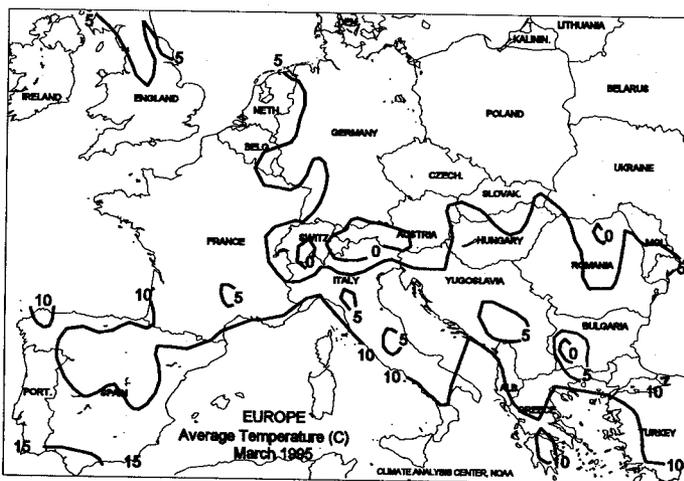
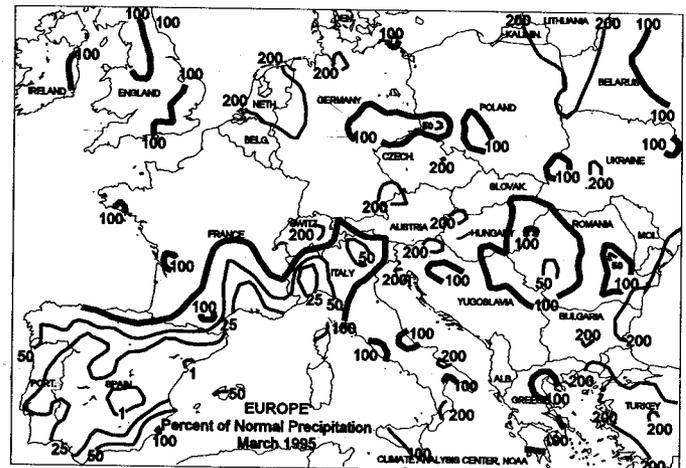
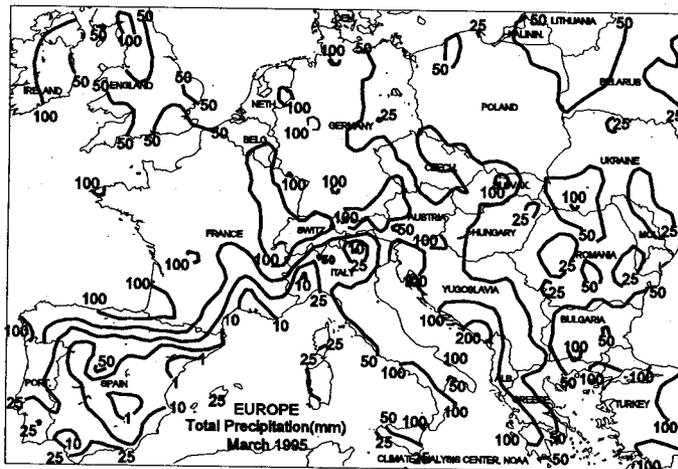
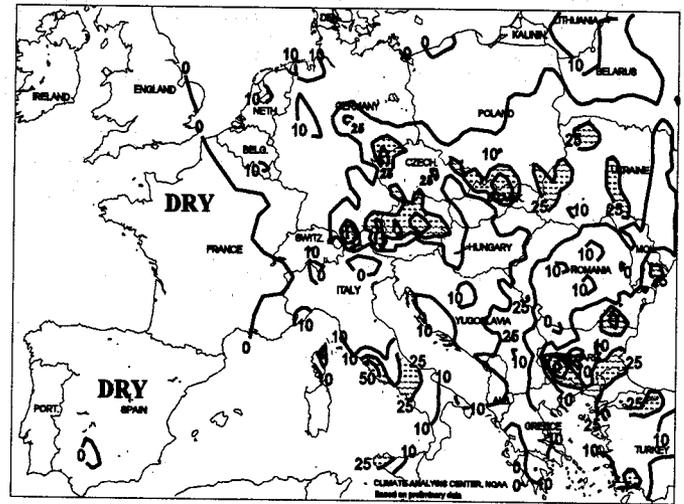


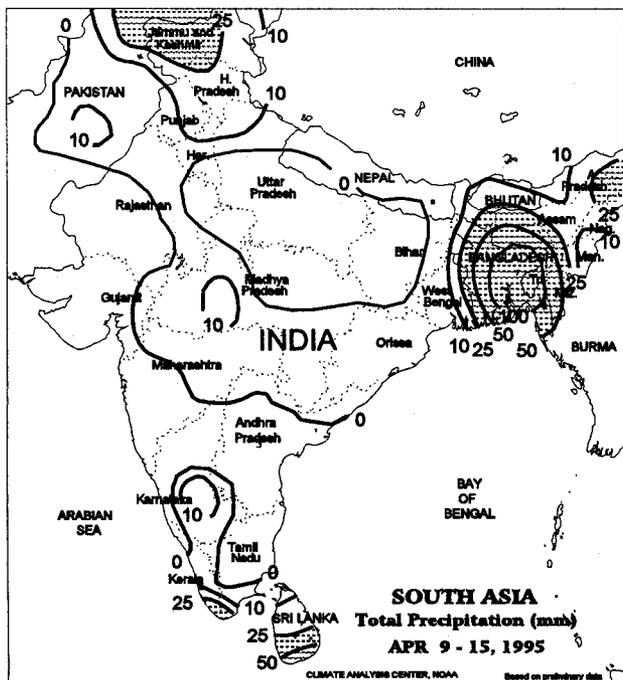
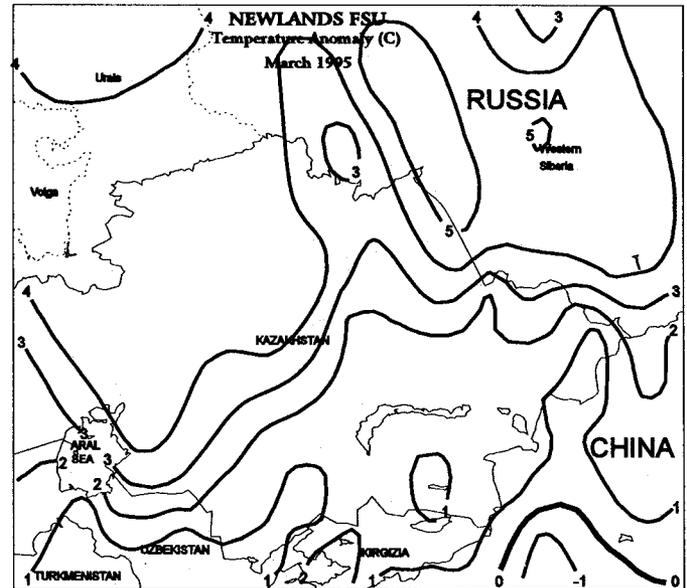
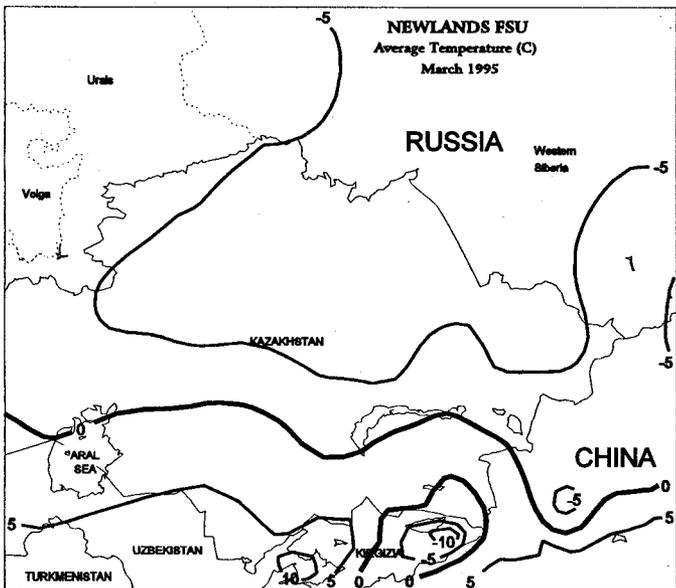
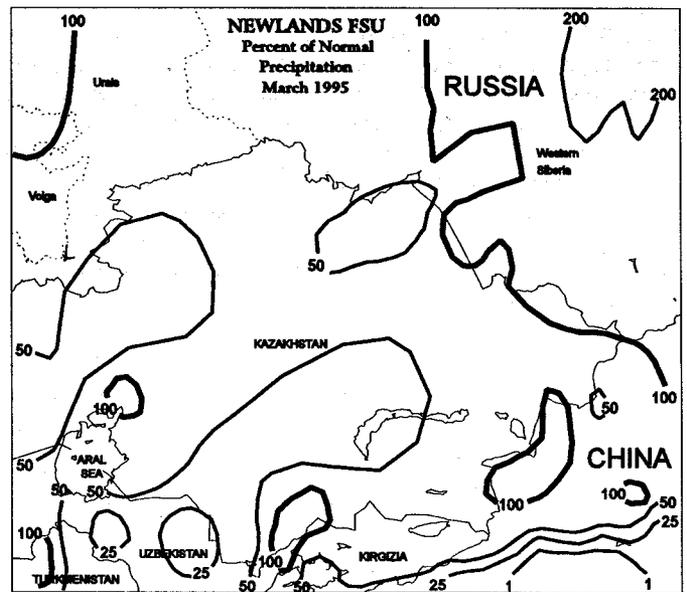
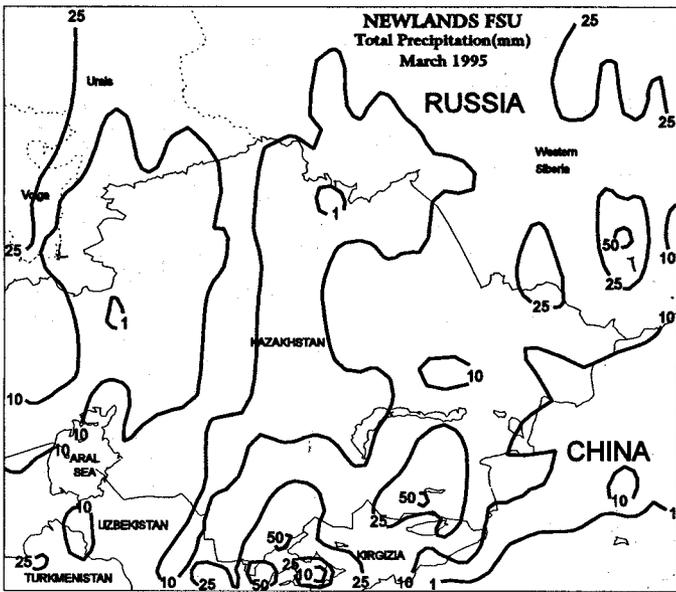
**FSU-WESTERN:** Cool, damp weather (15-39 mm) covered Ukraine, benefiting winter wheat in the early vegetative stage. However, the dampness slowed spring grain planting. In Russia, unseasonably warm weather was accompanied by only light, scattered precipitation over the North Caucasus, lower Volga Valley, and the eastern portion of the Central Black Soils Region, promoting winter wheat growth and favoring rapid spring grain planting. Winter grains remained dormant over most of northern Russia (Central Region, northern Black Soils Region, upper Volga Valley, and Volga Vyatsk). In March, overwintering conditions continued favorable for winter grains over most of the region. Above-normal precipitation fell over Ukraine, most of Russia, the Baltics, and Belarus, increasing moisture for the upcoming growing season. In Russia, below-normal precipitation fell over the Central Region, lower Volga Valley, and the northern tip of the North Caucasus. February's unusually warm weather continued into early March, prompting winter grains in southern Ukraine and parts of the North Caucasus to begin breaking dormancy about 3-4 weeks earlier than usual. In addition, the mild weather allowed spring grain planting to begin earlier than usual. From March 12 to 17, however, a cold snap ended the prolonged period of unusual warmth, halting fieldwork and slowing further greening of winter grains. Extreme cold was brief and was accompanied by snow, which protected crops from significant damage. Since March 18, warmer weather returned to Russia and Ukraine, allowing a resumption in early spring grain planting and further greening in winter grains.



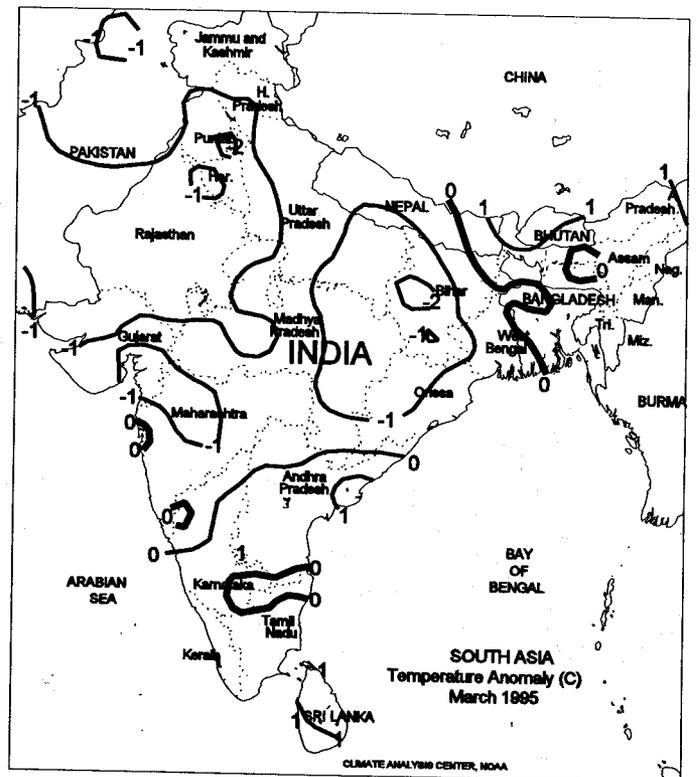
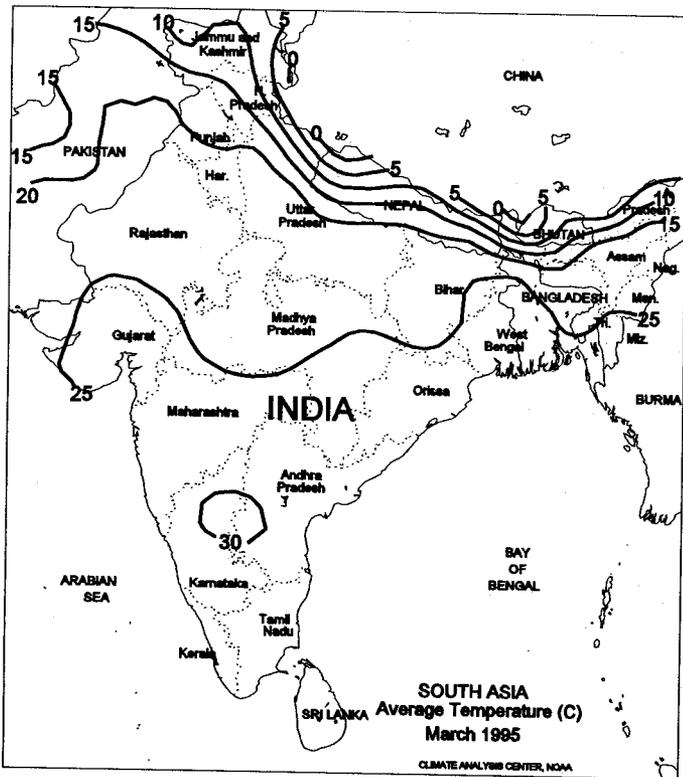
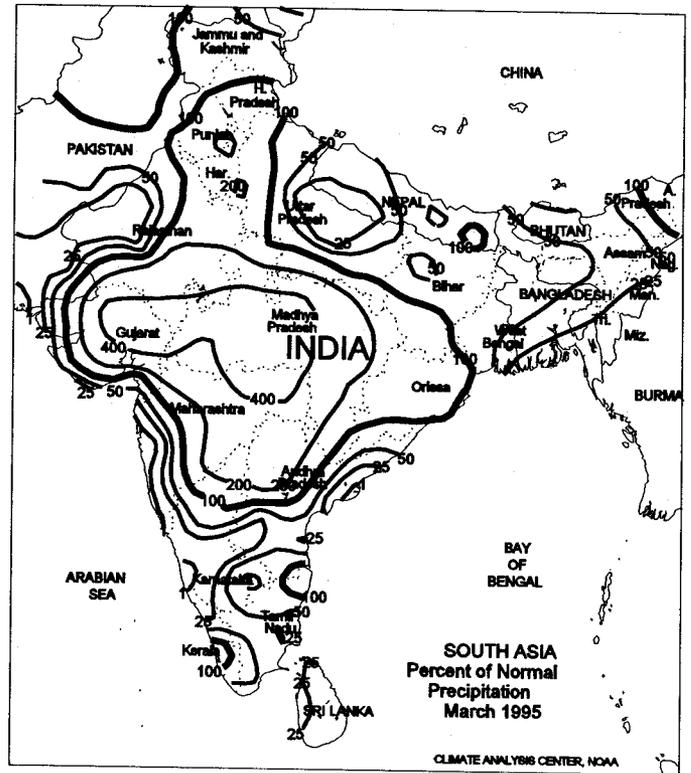
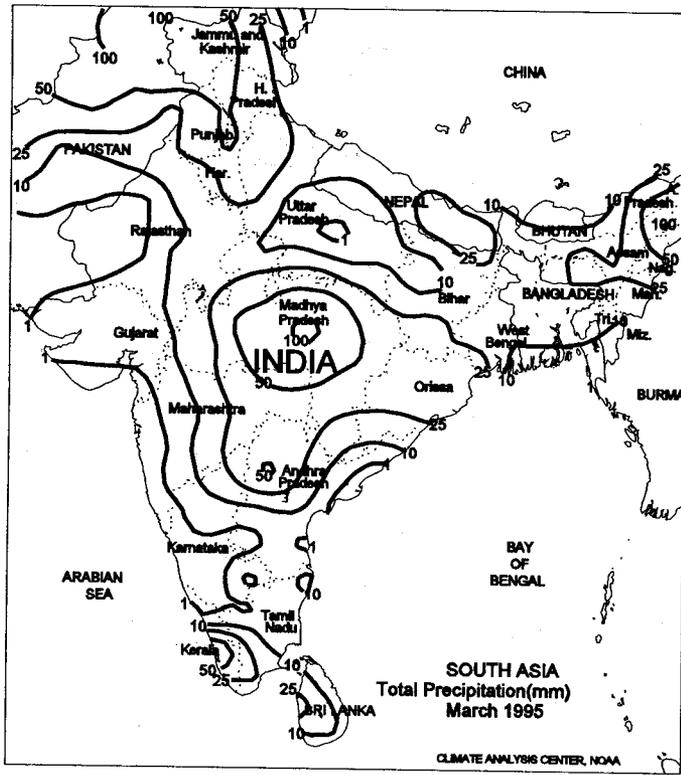
**EUROPE:** Mostly dry weather prevailed in western Europe, promoting rapid summer crop planting in the south and sugar beet and spring grain planting in the north. While dryness and seasonable temperatures favored spring grain and corn planting in Italy's Po Valley, topsoil moisture decreased as the below-normal March rainfall trend continued into middle April. Summer crop planting is well advanced over the Iberian peninsula, with temperatures averaging 2-4 degrees Celsius (C) above normal for the week, aggravating severe drought stress on unirrigated crops across the south. Elsewhere, dry weather in northern Poland aided early spring fieldwork, while showers (10-25 mm) in southern Poland, the Czech and Slovak Republics, and Bulgaria moistened topsoils for spring crop establishment. Light showers (1-9 mm) fell in Hungary and Romania, where corn planting usually begins in April. Weekly temperatures averaged 4-8 degrees C below normal from southern Poland to Bulgaria, with minimum temperatures falling below freezing. The cold weather slowed early spring growth, after the March warm spell brought winter crops out of dormancy earlier than usual. In March, rainfall averaged near to above normal in eastern Europe, except for some dryness in eastern Hungary and western Romania.

**EUROPE Total Precipitation (mm)**  
APR 9 - 15, 1995

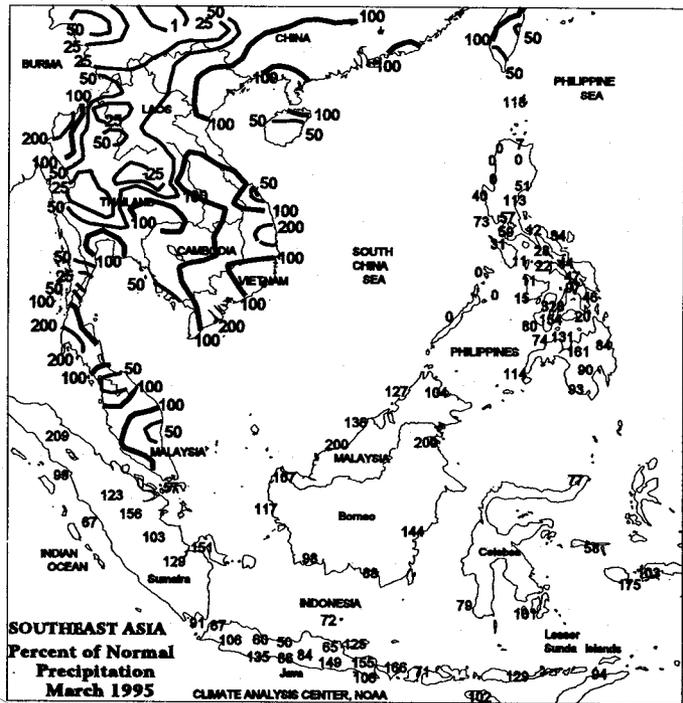
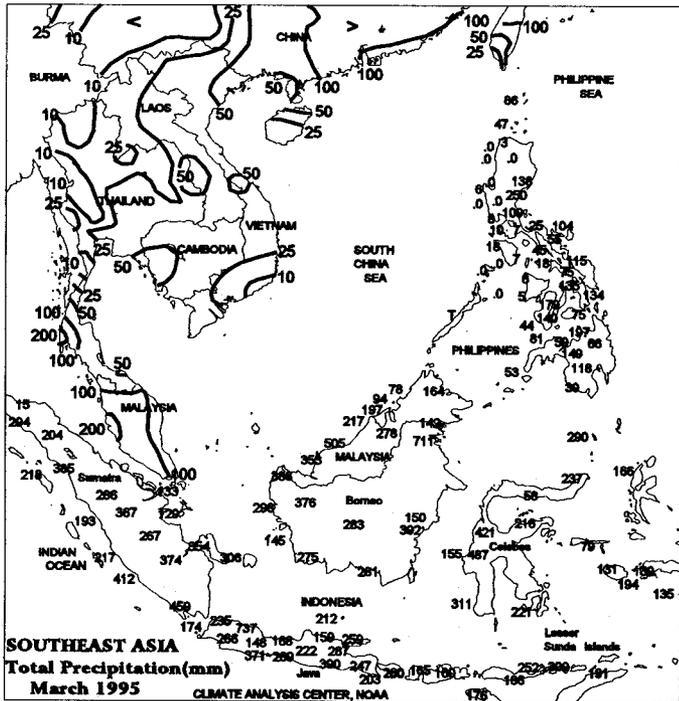
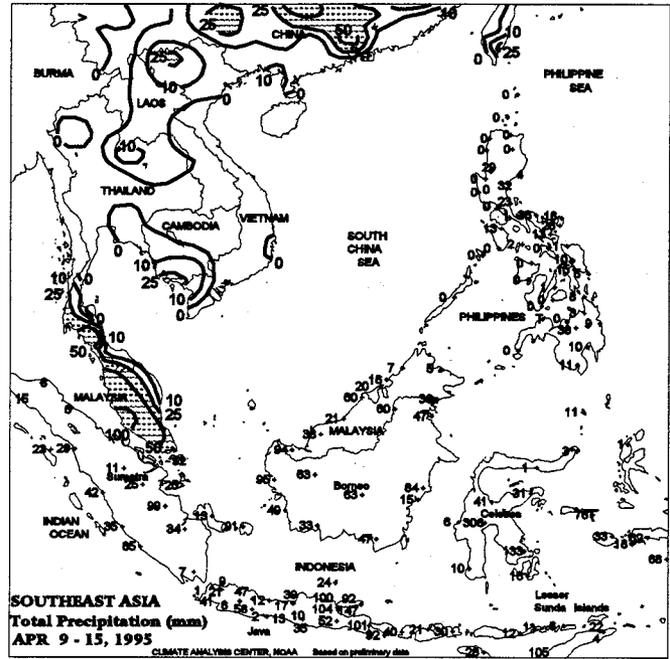


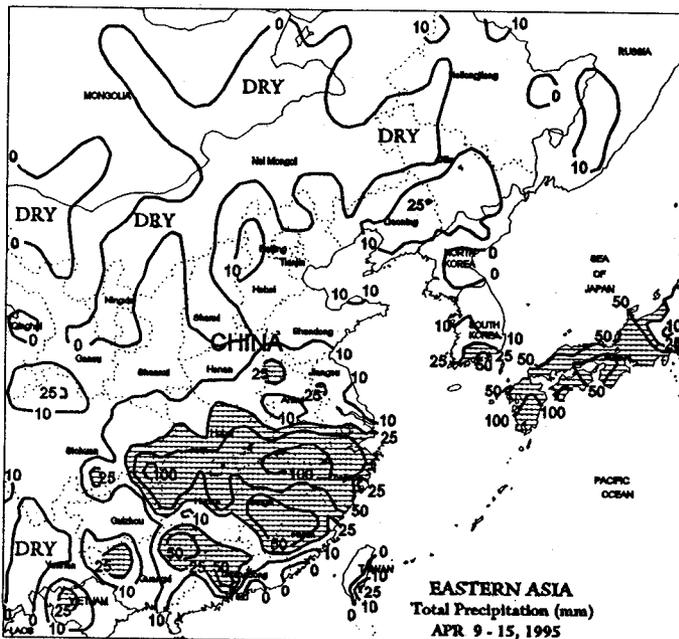
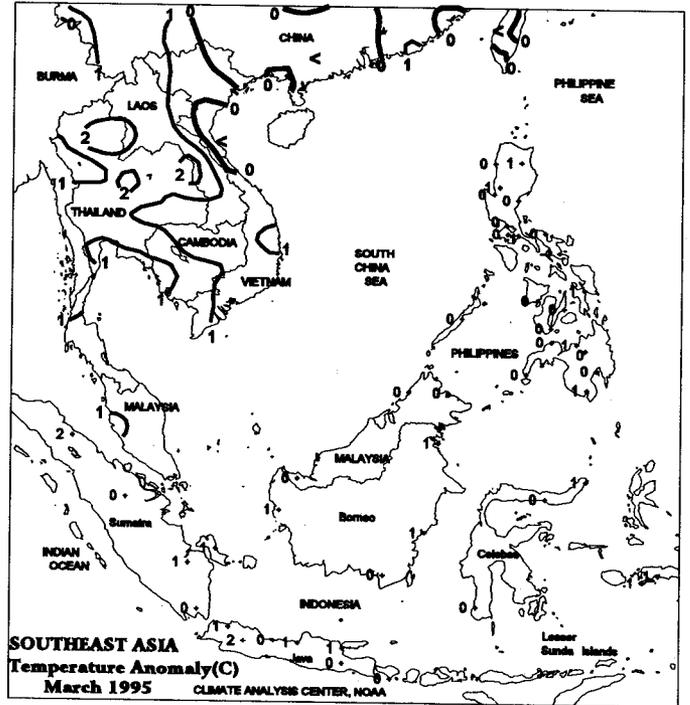
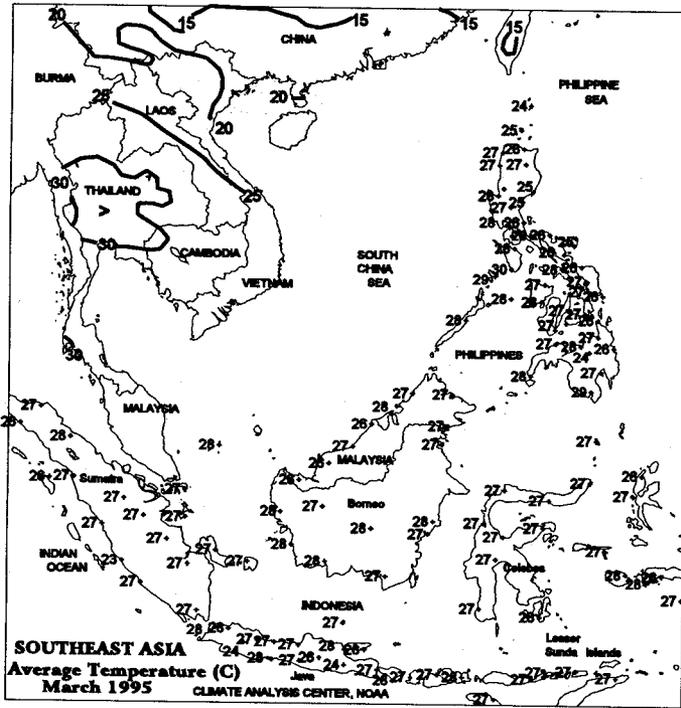


**SOUTH ASIA:** March rainfall was near to much above normal (10-50 mm or more) over winter grain and oilseed areas of Pakistan and northern and central India. In northern and central India, brief, heavy showers possibly lodged mature wheat in localized areas. In the east, rainfall was below normal, but still totaled 10-25 mm or more, boosting moisture reserves for rice planting. So far in April, rainfall has been mostly scattered and light throughout the wheat belt, causing only minor harvest delays. Harvested wheat, typically stored outside, runs a risk of quality loss and sprouting if unusually heavy rain falls.

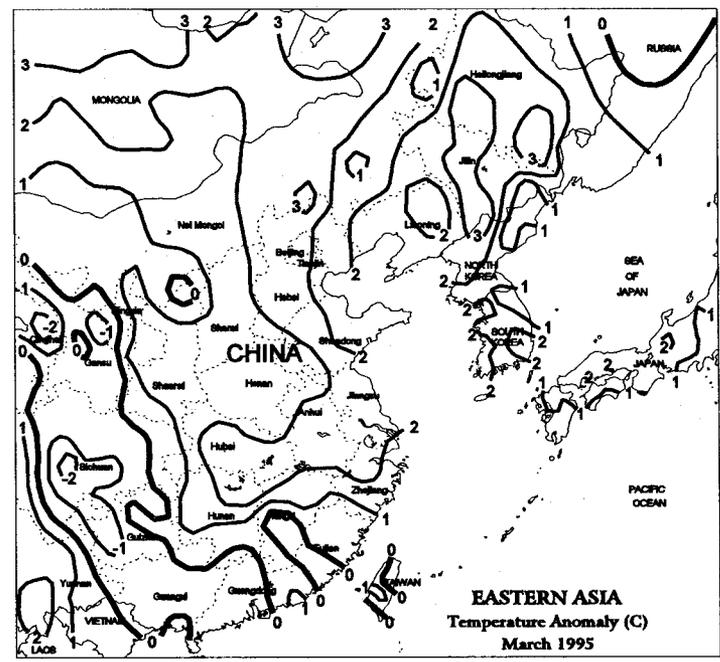
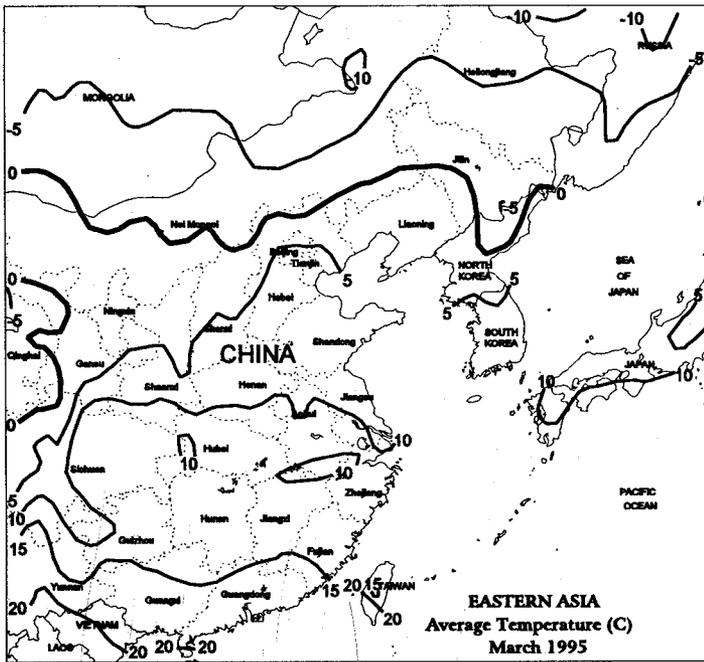
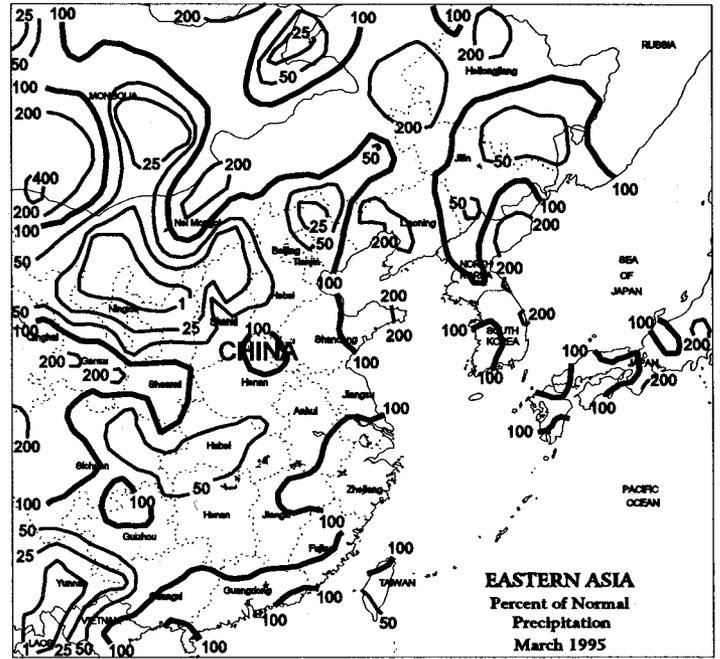
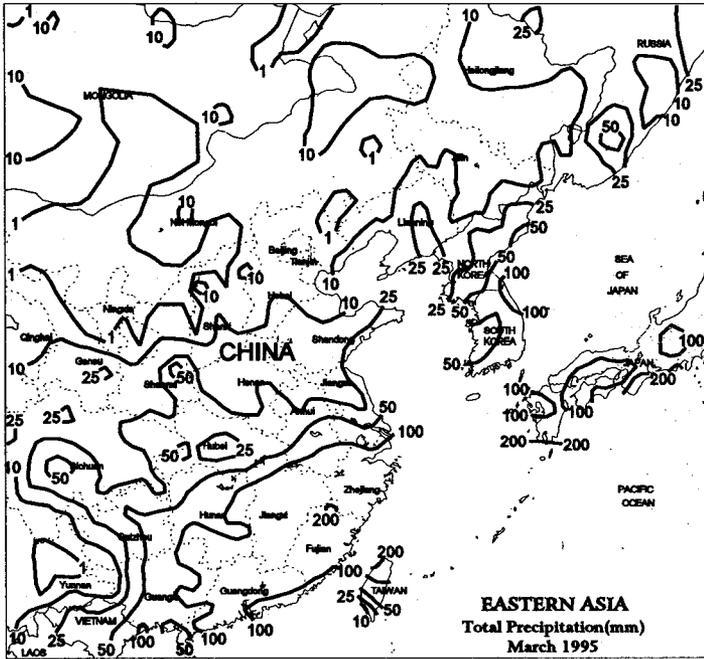


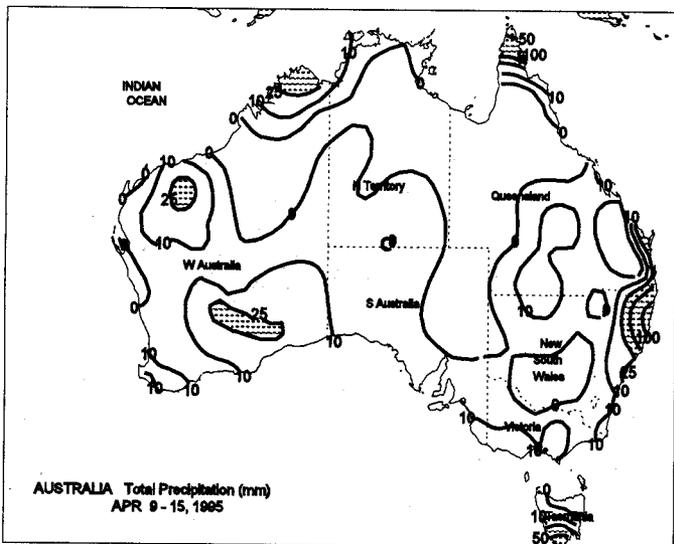
**SOUTHEAST ASIA:** Rainfall diminished over western and central Java, with only a few locations reporting more than 25 mm. The drier weather brought some relief to mature rice, although heavy showers (50-100 mm) persisted in eastern Java. To the north, heavy rain (50-123 mm) fell along the west coast of western Malaysia, with only light showers covering eastern oil palm areas. Hot, dry weather covered Thailand, where corn pre-planting activities were likely underway. In the Philippines, mostly dry weather favored grain harvesting in the Visayans as moderate rain (25-40 mm) was generally confined to southern Luzon. In March, persistent, heavy rain in southern Java was unfavorable for maturing rice and caused some flooding. Rainfall was above normal over western Malaysia's western crop areas and by month's end, beneficial rain was falling over peninsular Thailand. In Vietnam, near- to above-normal March rainfall benefited winter rice but only scattered, light rain covered Thailand, increasing rice irrigation demands. Below-normal rainfall over the Philippines favored rice and corn harvesting but reduced available moisture for main-season plantings.



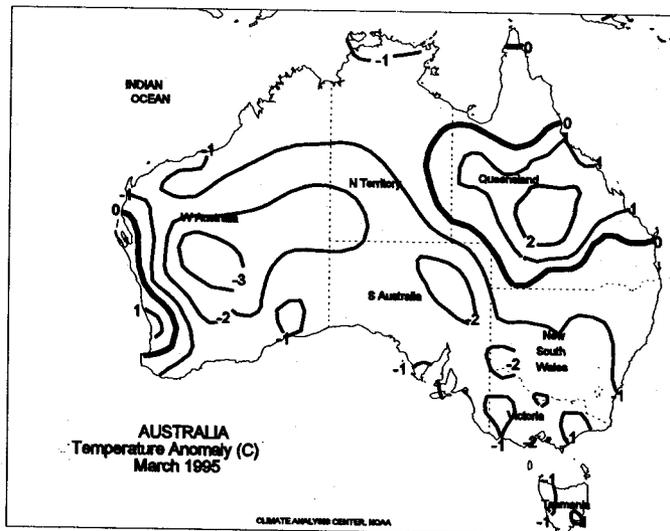
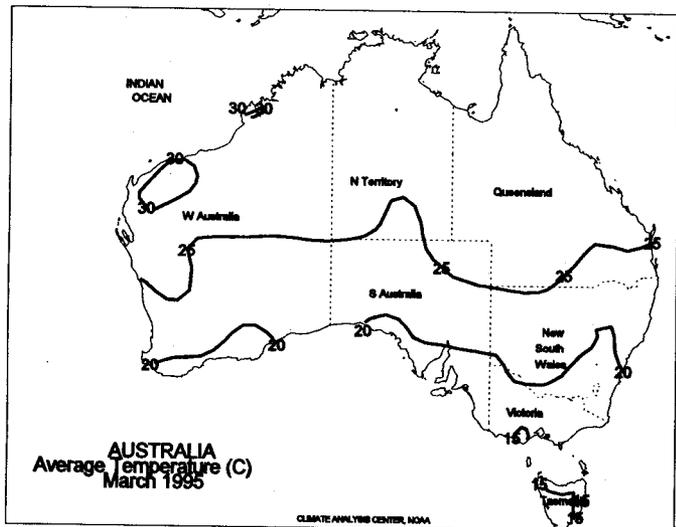
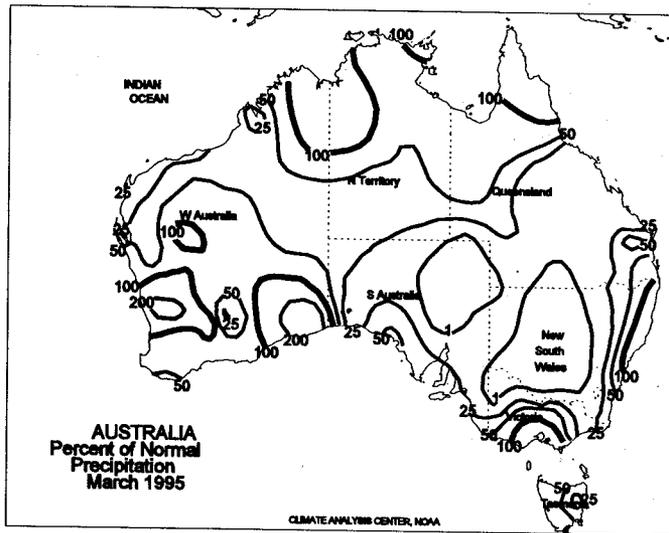
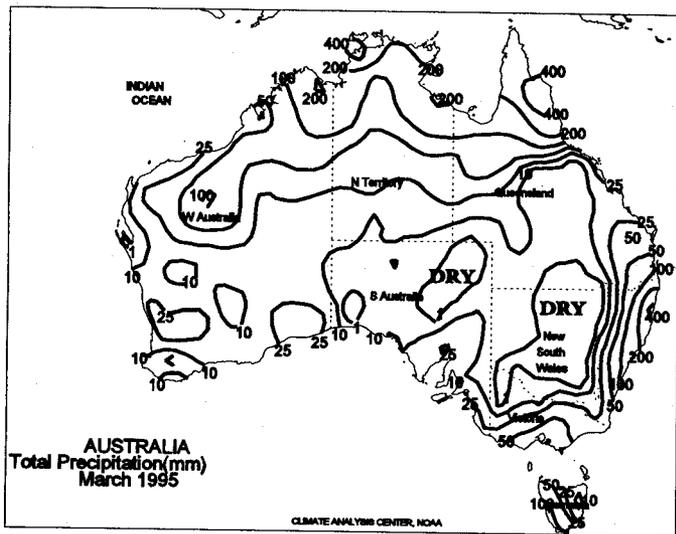


**EASTERN ASIA:** Moderate rain (10-30 mm) fell across the southern North China Plain (southern Henan, northern Anhui, and Jiangsu), aiding rainfed winter wheat and increasing topsoil moisture for early summer crops. Across the rest of the North China Plain, only light rain (less than 6 mm) was reported. Widespread rain (20-75 mm, with isolated amounts greater than 100 mm) covered the Yangtze Valley and most of southern China, increasing irrigation supplies for rice. Weekly temperatures averaged near normal across the North China Plain and 1-3 degrees C above normal across central and southern China. During March, near normal rainfall favored early spring growth of winter wheat across the North China Plain. Near- to above-normal March rainfall kept irrigation supplies adequate across most of central and southern China. Portions of eastern Sichuan and southern Hubei reported below-normal March rainfall (less than 50 percent of normal). North and South Korea received near- to above-normal March rainfall, while Japan reported mostly near-normal rainfall.

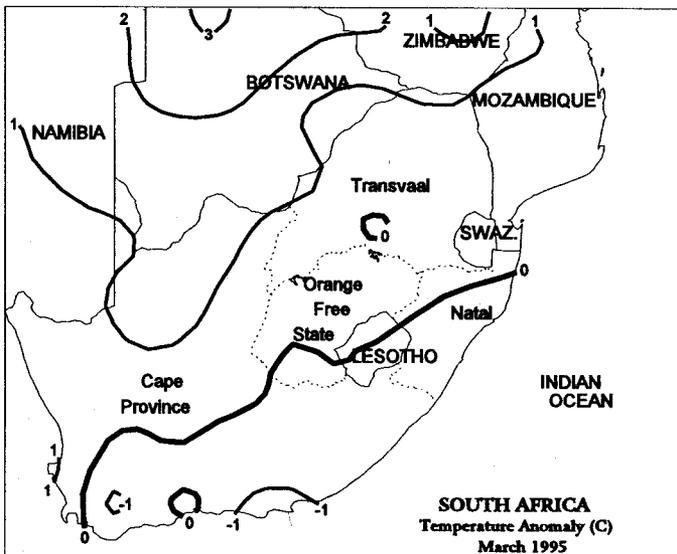
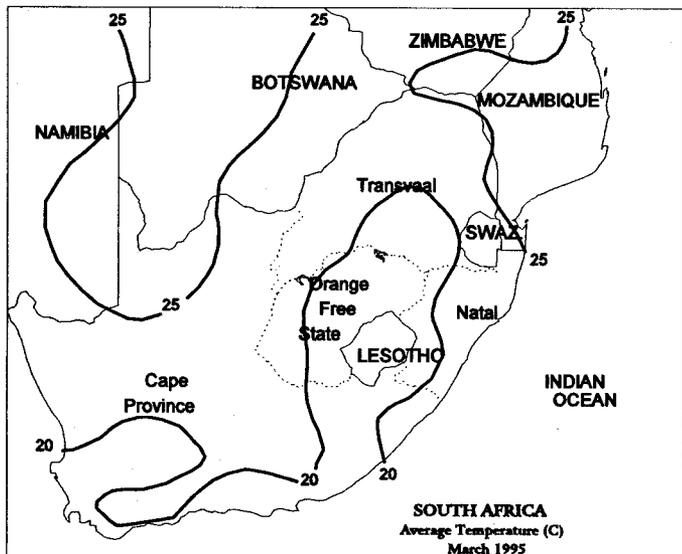
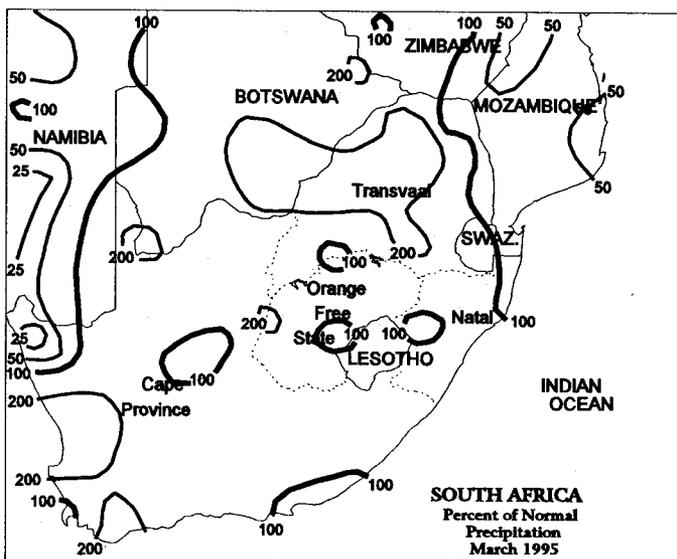
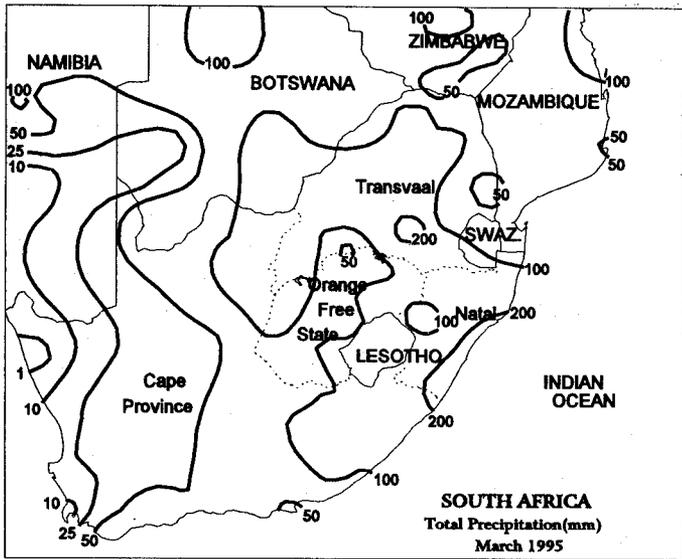
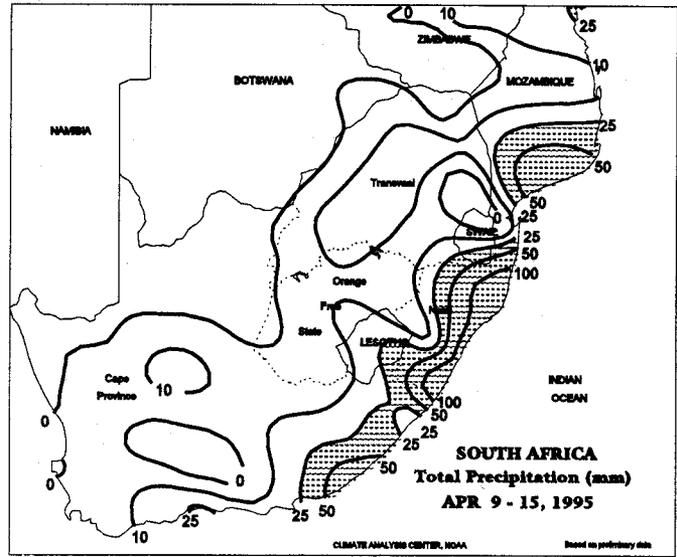




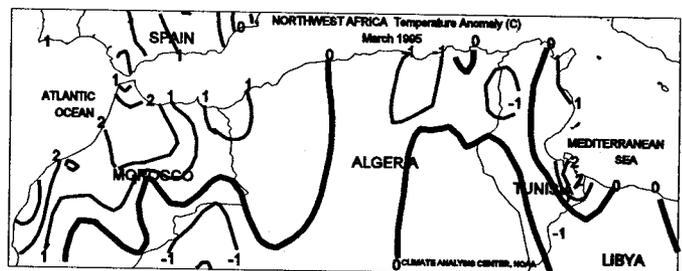
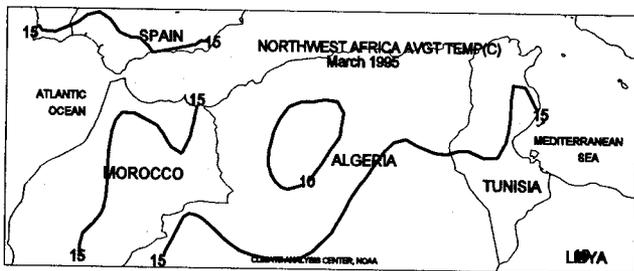
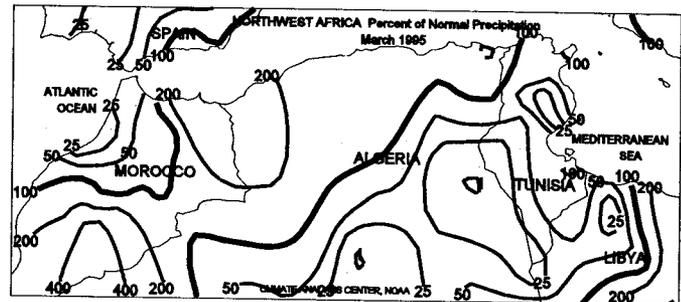
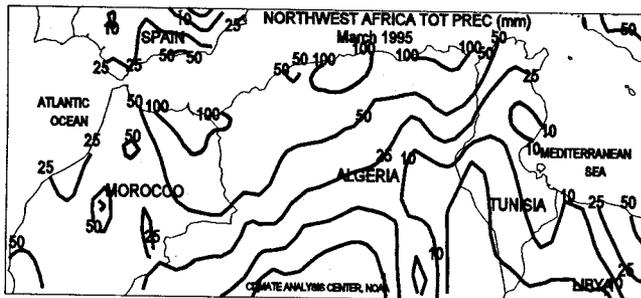
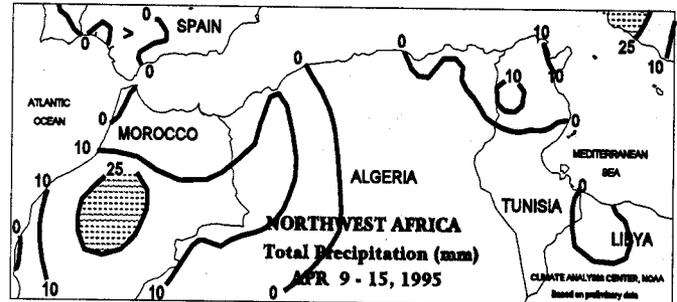
**AUSTRALIA:** Mostly light rain (1-8 mm, with scattered amounts of 10-25 mm) fell across the eastern summer crop area, bringing little relief to stressed late-planted sorghum. The mostly dry weather favored cotton harvesting. Scattered light rain (3-15 mm) was reported across the northeastern sugarcane areas, where additional rain was needed for irrigation supplies. In New Zealand, moderate rain (15-40 mm) fell across the central North Island and northern South Island, boosting soil moisture for pastures. During March, variable rainfall (30-70 percent of normal, with several stations reporting near 90 percent of normal) fell across southeastern Queensland, generally stressing late-planted sorghum. In northeastern Queensland, below-normal March rainfall (25-50 percent of normal) reduced irrigation supplies for sugarcane. Only the extreme northern sugarcane areas received near- to above-normal rainfall. Across central and southern New South Wales, March rainfall averaged less than 25 percent of normal, with several stations reporting little or no rain for the entire month. With wheat planting starting in May, soil moisture supplies need to be replenished across that region. March rainfall averaged near to above normal in Western Australia and Victoria and near to below normal in South Australia.

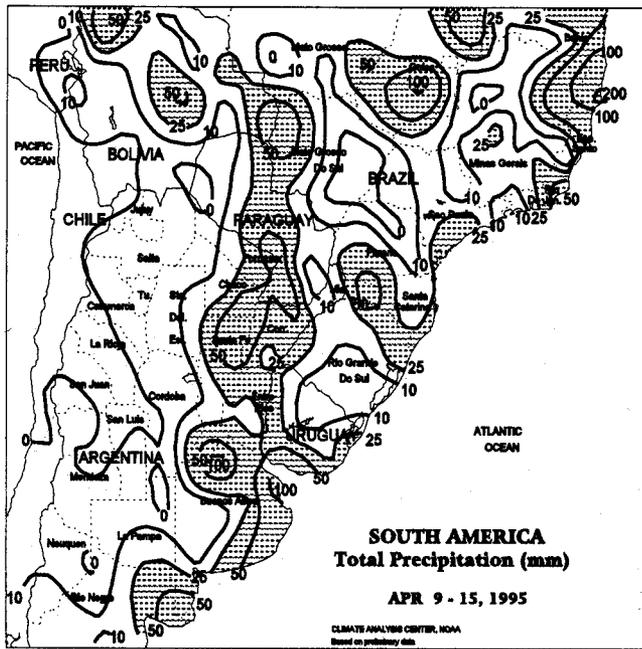


**SOUTH AFRICA:** Cooler weather moved into the region, bringing the first autumn frost to sections of the eastern corn belt. In North West, where a significant portion of the crop was immature, temperatures stayed above freezing, but grain development was slowed by the cool weather. Scattered, mostly light rain (4-27 mm) covered most grain areas, keeping topsoils moist for wheat germination. Heavy showers (50-169 mm) fell over coastal sections of Eastern Cape and Kwazulu-Natal, causing some localized flooding. The rain helped long-term moisture conditions but came too late to significantly improve sugarcane prospects. In March, rainfall was near to above normal throughout the corn belt, due mainly to unusually heavy showers late in the month. In fact, dry, warm weather prior to the rain was unfavorable for late-planted immature crops in the western corn belt. Heavy rain, also coming late in the month, fell over coastal crop areas, including sugarcane areas. March temperatures averaged near normal, but were somewhat warmer than normal early in the month before the heavy rain.

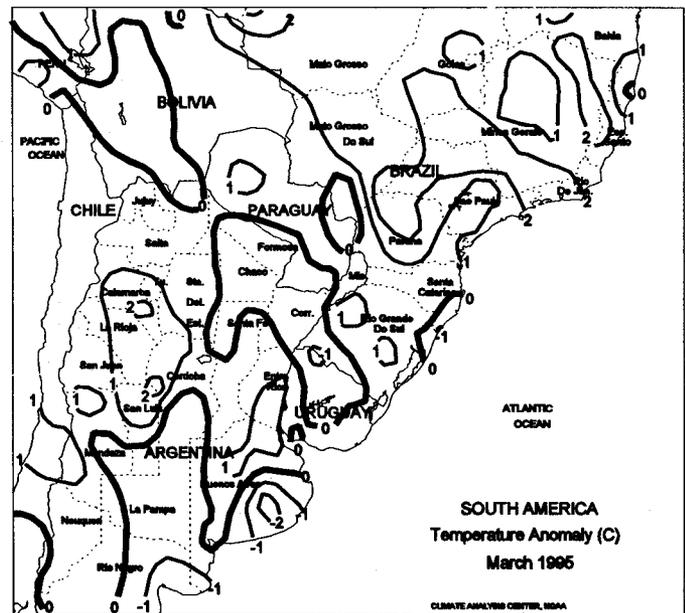
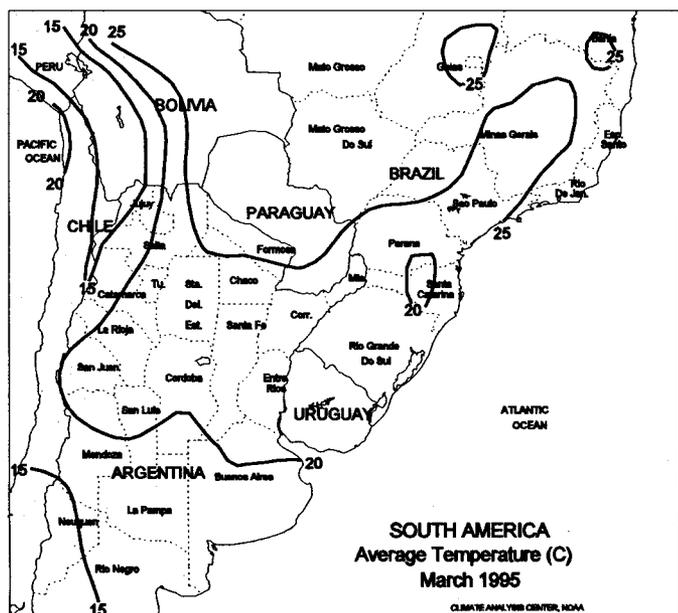
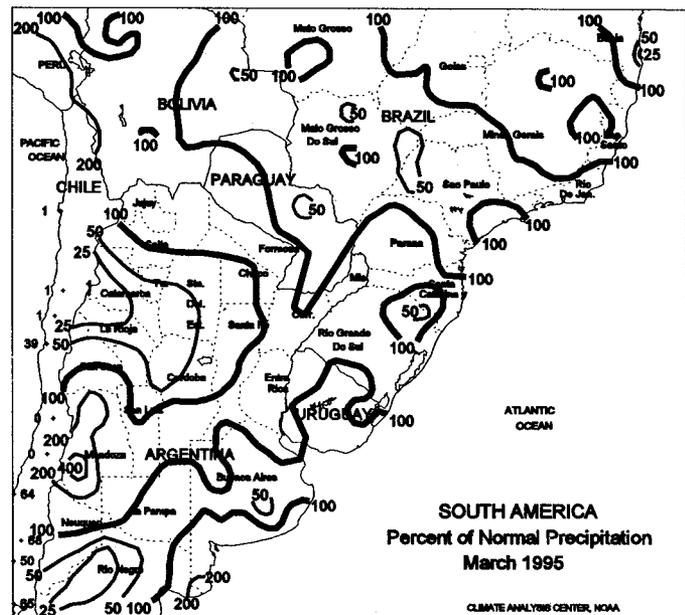
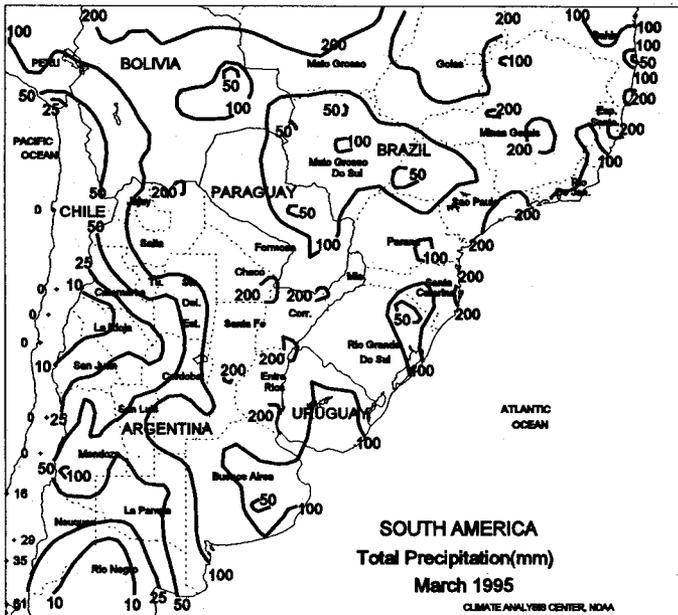


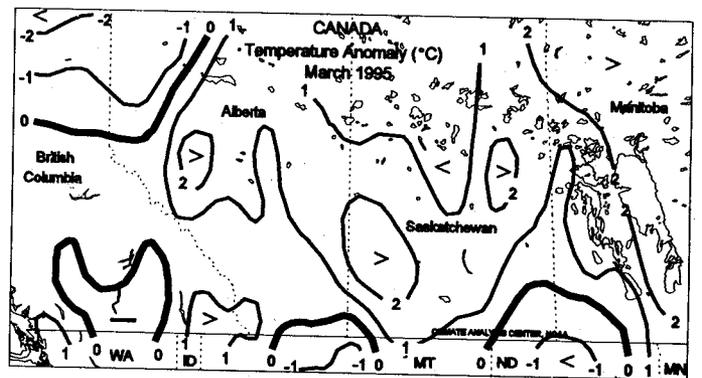
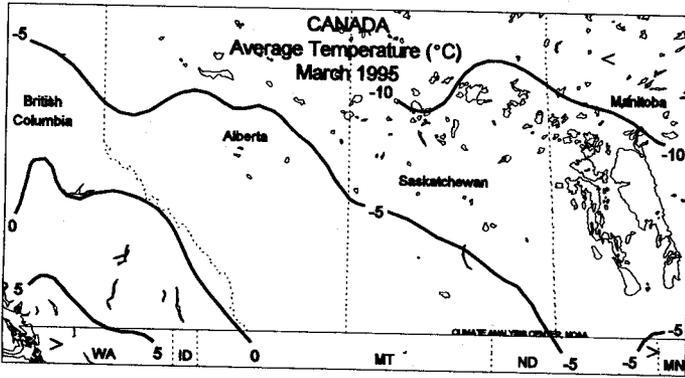
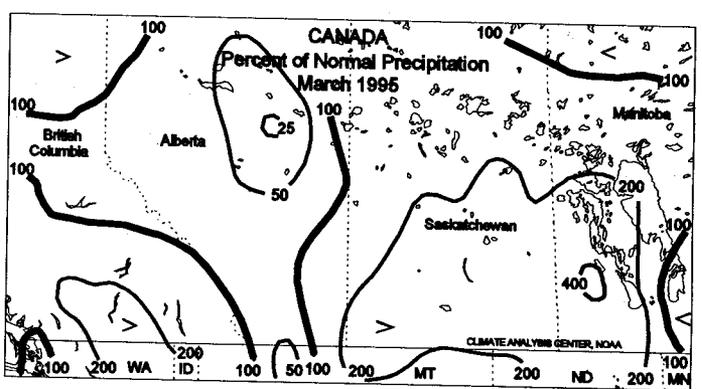
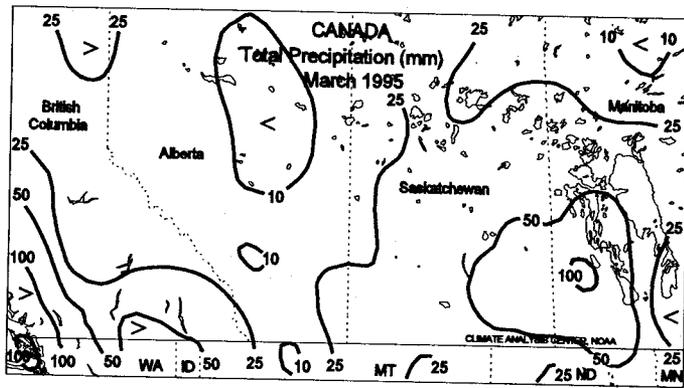
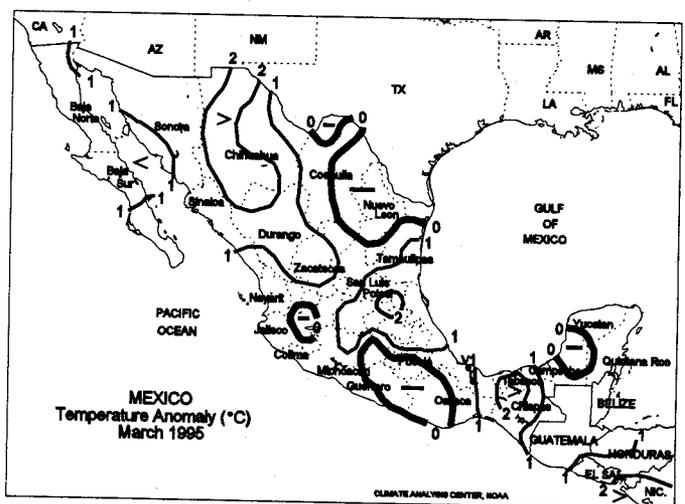
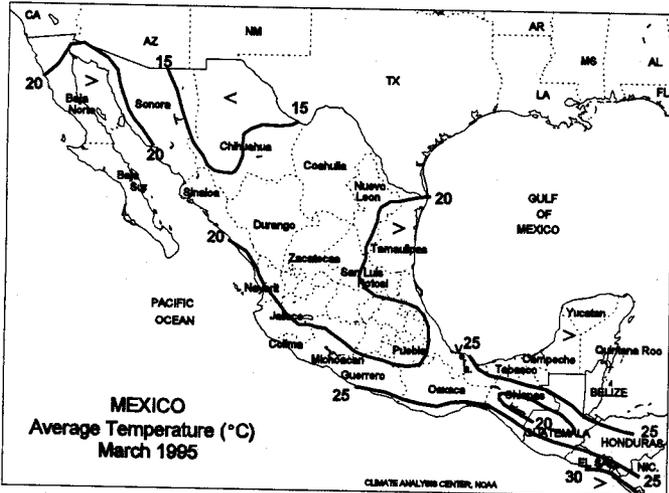
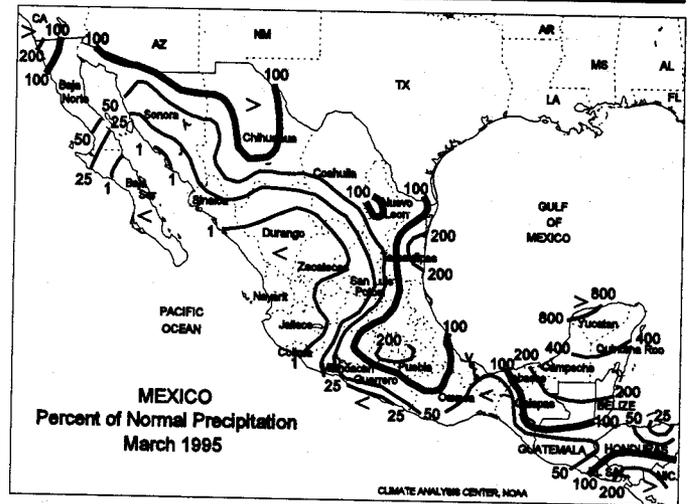
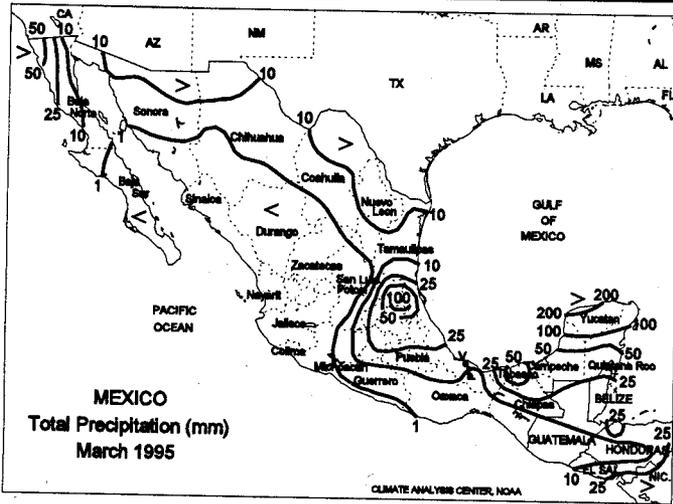
**NORTHWESTERN AFRICA:** The fourth consecutive week of below-normal precipitation covered Algeria and Tunisia, lowering yield prospects for winter grains in the filling stage. In Morocco, although light showers (7-22 mm) eased severe drought, the rain came too late to significantly improve prospects for winter grains stressed by adverse dryness during most of the growing season. In March, much-needed rain fell over winter grain areas in Morocco, Algeria, and Tunisia the first 2 weeks, stabilizing conditions for crops stressed by earlier dryness. However, dry weather returned to these areas the last 2 weeks. Above-normal temperatures covered Morocco during March, increasing evaporation rates. Farther east, unseasonably cold weather covered eastern Algeria and Tunisia, where sub-freezing temperatures on some nights of March 18-25 caused local damage to those winter grains in the flowering stage.





**SOUTH AMERICA:** Early-week moderate showers (20-50 mm, with an isolated amount greater than 125 mm in northern Buenos Aires) delayed summer crop harvesting across central and northern Argentina. However, the rain fell mostly on April 9 and 10, as dry weather prevailed the rest of the week, helping to alleviate the excessive wetness, especially in Buenos Aires. The rain boosted soil moisture for upcoming winter wheat planting. Weekly temperatures averaged 3-4 degrees C below normal across central and northern Argentina. In southern Brazil and Paraguay, scattered early-week showers (10-40 mm) slowed summer crop harvesting, but drier weather the remainder of the week, allowed fieldwork to continue. Heavy showers (40-150 mm, with an isolated amount greater than 200 mm in northern Espirito Santo) fell across eastern Bahia and Espirito Santo, helping to reduce long-term moisture deficits that have accumulated since August 1994. In this region, the recent rains will be of primary benefit to this season's coffee crop and next season's cocoa crop. Weekly temperatures averaged near normal across southern Brazil. During March, near-normal rainfall (75-125 percent of normal) maintained excellent crop prospects in central Argentina and southern Brazil. Above-normal rainfall in northern Argentina slowed cotton harvesting. In eastern Brazil, near- to above-normal March rainfall favored coffee in Espirito Santo, but below-normal March rainfall stressed cocoa in coastal Bahia.



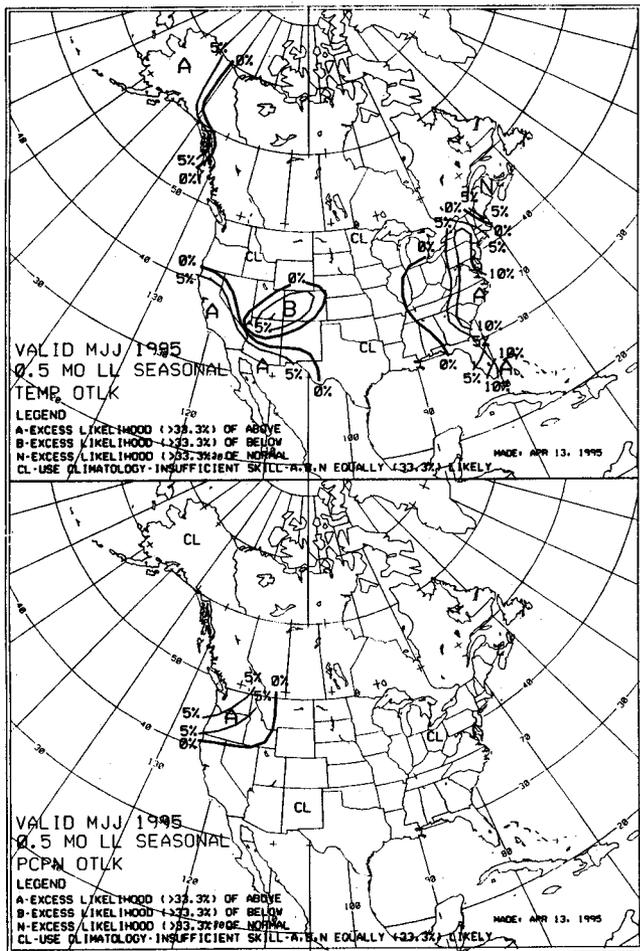
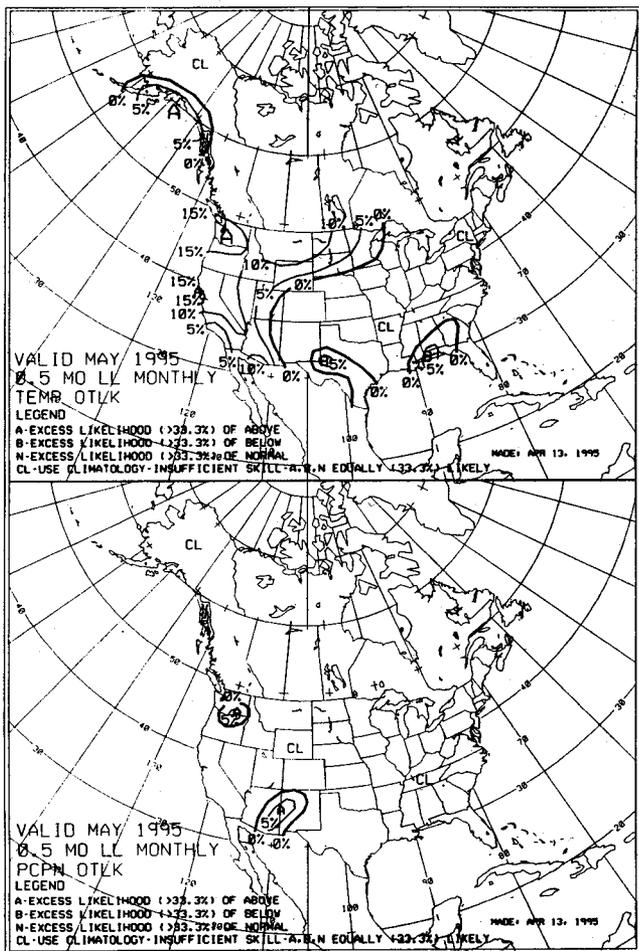


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