

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

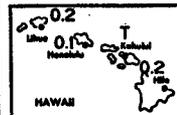
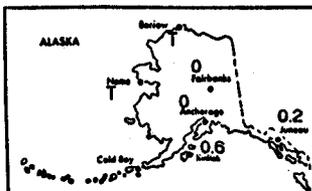
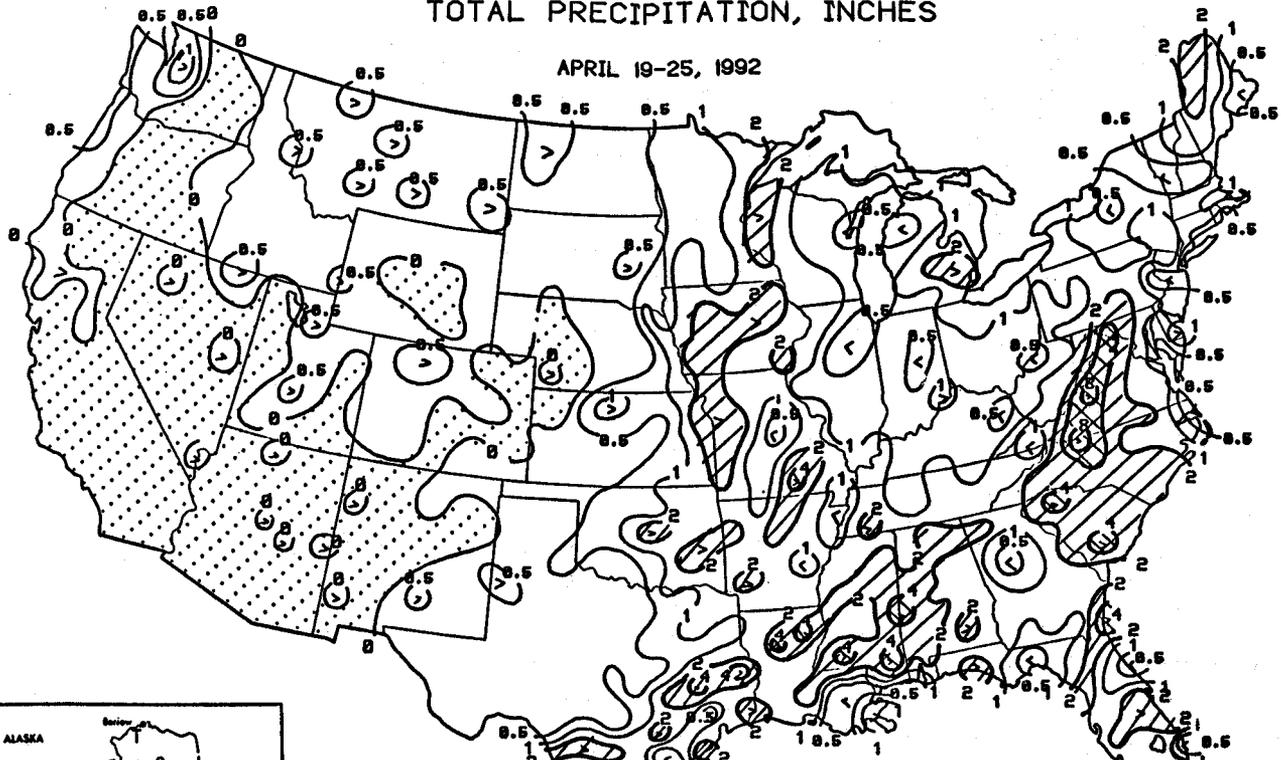
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Washington, D.C.

April 28, 1992

TOTAL PRECIPITATION, INCHES

APRIL 19-25, 1992



GREATER THAN 2 INCHES
 GREATER THAN 4 INCHES
 NO PRECIPITATION
 NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Based on preliminary reports

HIGHLIGHTS

April 19 - 25, 1992

A major spring storm dumped heavy snow on the lower Missouri Valley and drenched the Gulf and Atlantic Coast States. Cold air trailed the system into the Northwestern and North Central States, causing widespread frost. Early in the week, rainfall topped 1 inch throughout the Mississippi Valley and much of the Southeast. Rainfall intensity increased in the foothills of the Carolinas, Virginia, and Maryland, causing streams and rivers to flood. Greenville, SC, Greensboro, NC, and Roanoke, VA, each reported more than 4 inches of rain. In addition, a chain-reaction collision crumpled more than 50 vehicles atop a fog-enshrouded Blue Ridge peak west of Charlottesville, VA. Meanwhile, heavy, wet snow accumulated in a narrow band from Kansas City, MO, northward. Up to 14 inches fell northwest of Omaha, NE. By midweek, cold air settled into the northwestern quarter of the Nation. Daily record lows for April 22 included 23°F in Omaha, NE, and 30°F in Concordia, KS. A day later, Yakima, WA, and Boise, ID, dropped to 25°F.

Late in the week, thunderstorms flared in the southern Plains and from the Midwest to the Northeast. The West underwent a rapid warmup, but the East turned sharply colder. On Saturday, McAllen, TX, received more than 3 inches of rain. Elsewhere, Olympia, WA (77°F), and Tucson, AZ (97°F), were among the dozen locations reporting a daily record high. In contrast, Peoria, IL, had a March-like maximum of 45°F.

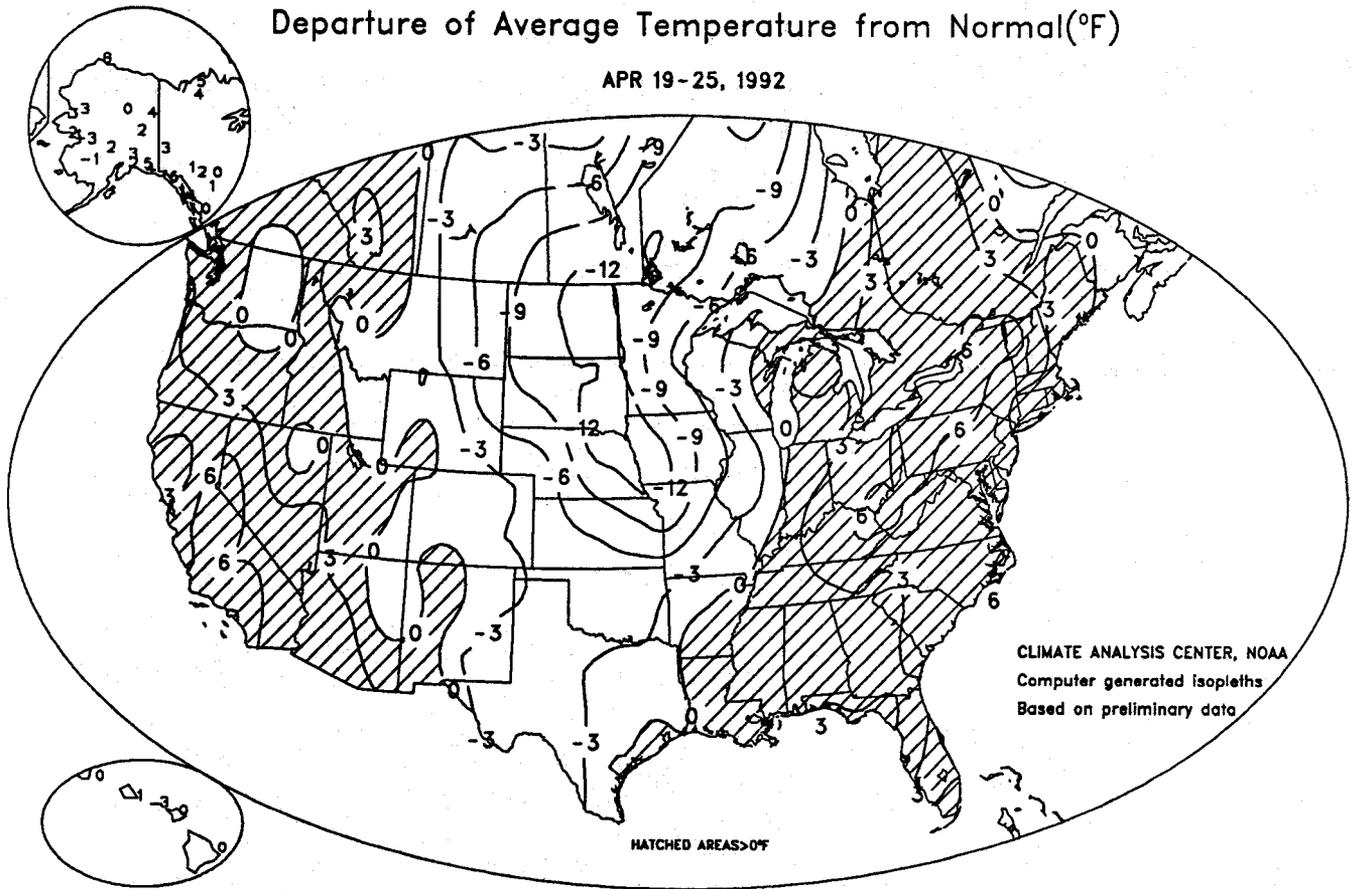
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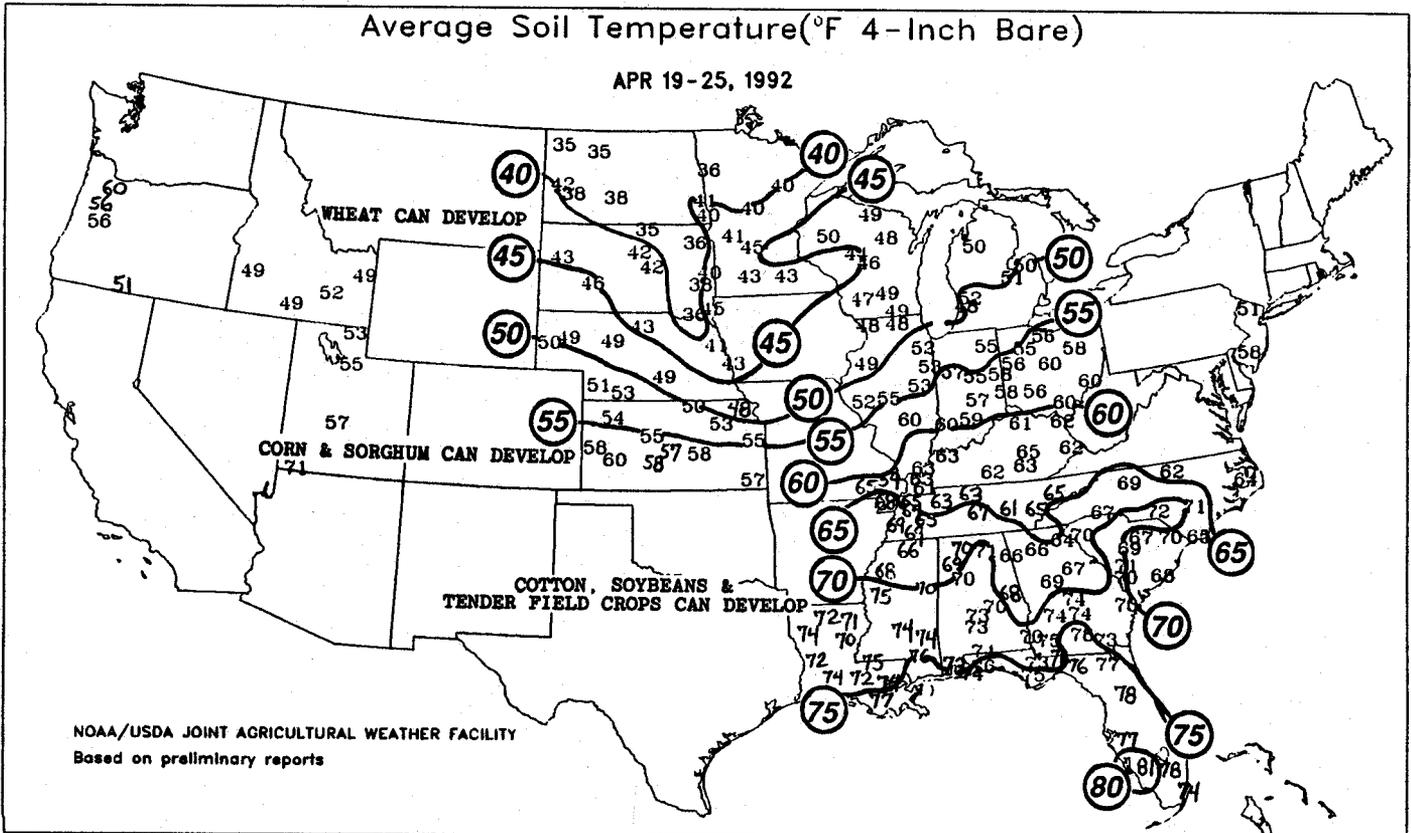
Departure of Average Temperature from Normal(°F)

APR 19-25, 1992



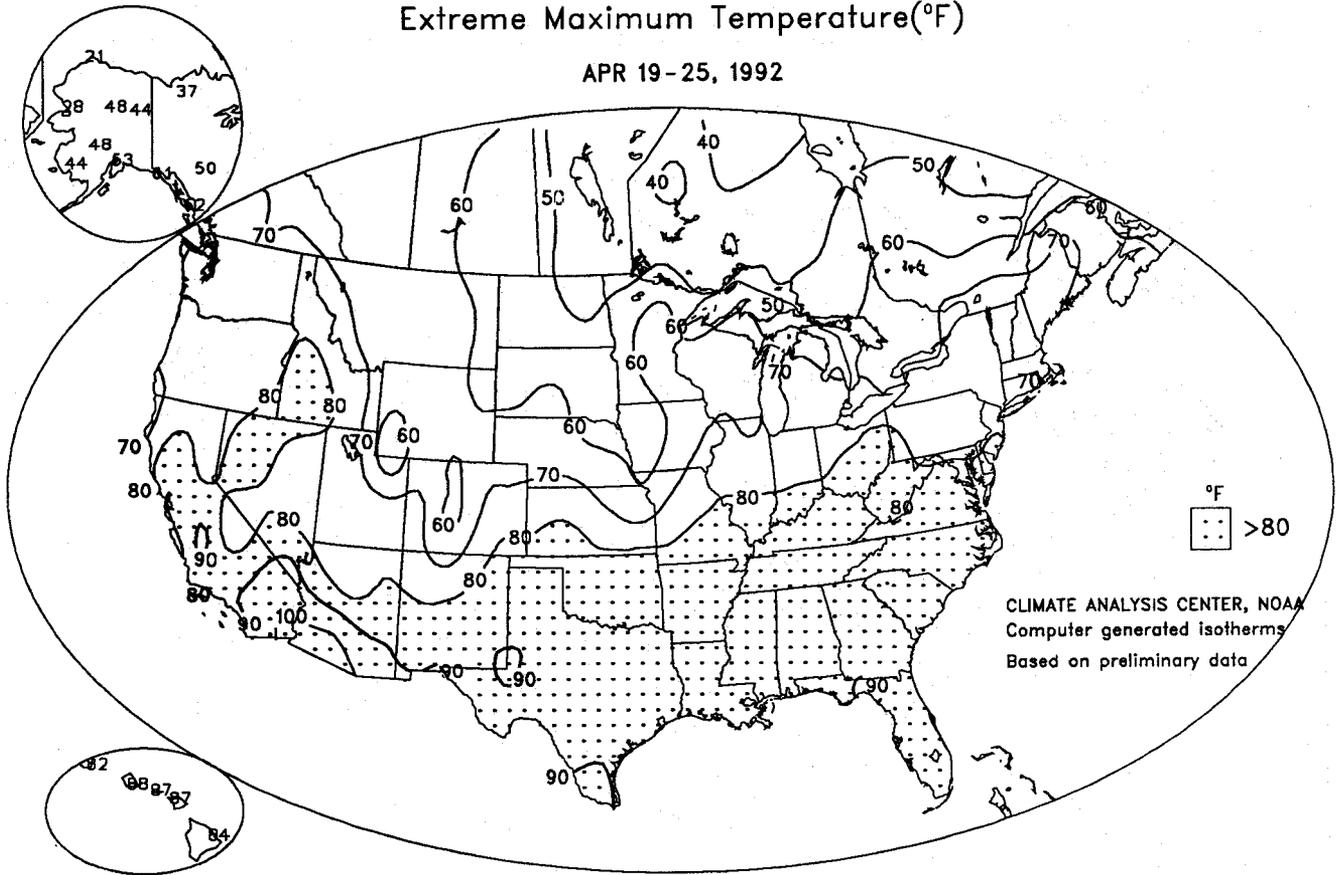
Average Soil Temperature(°F 4-Inch Bare)

APR 19-25, 1992



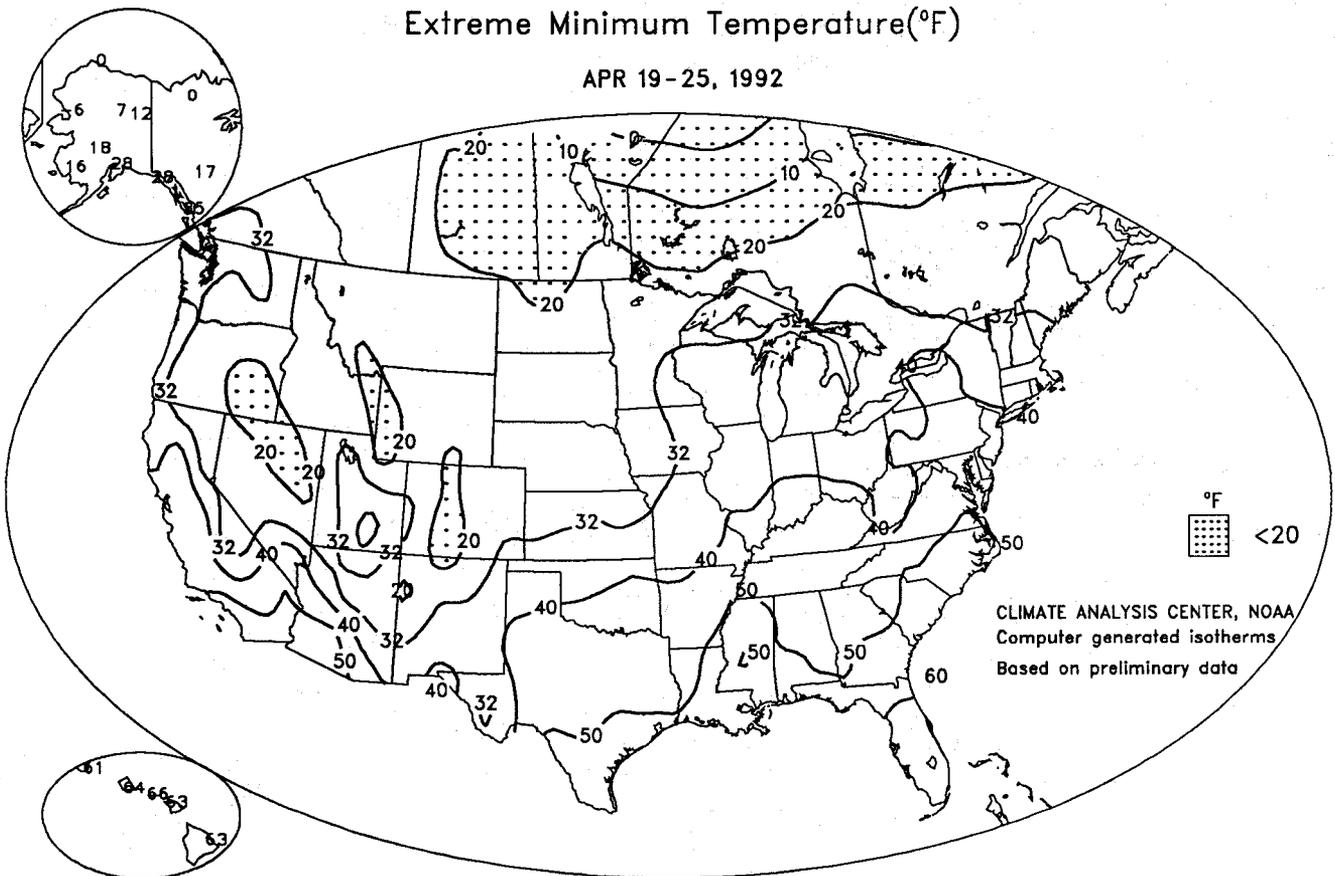
Extreme Maximum Temperature(°F)

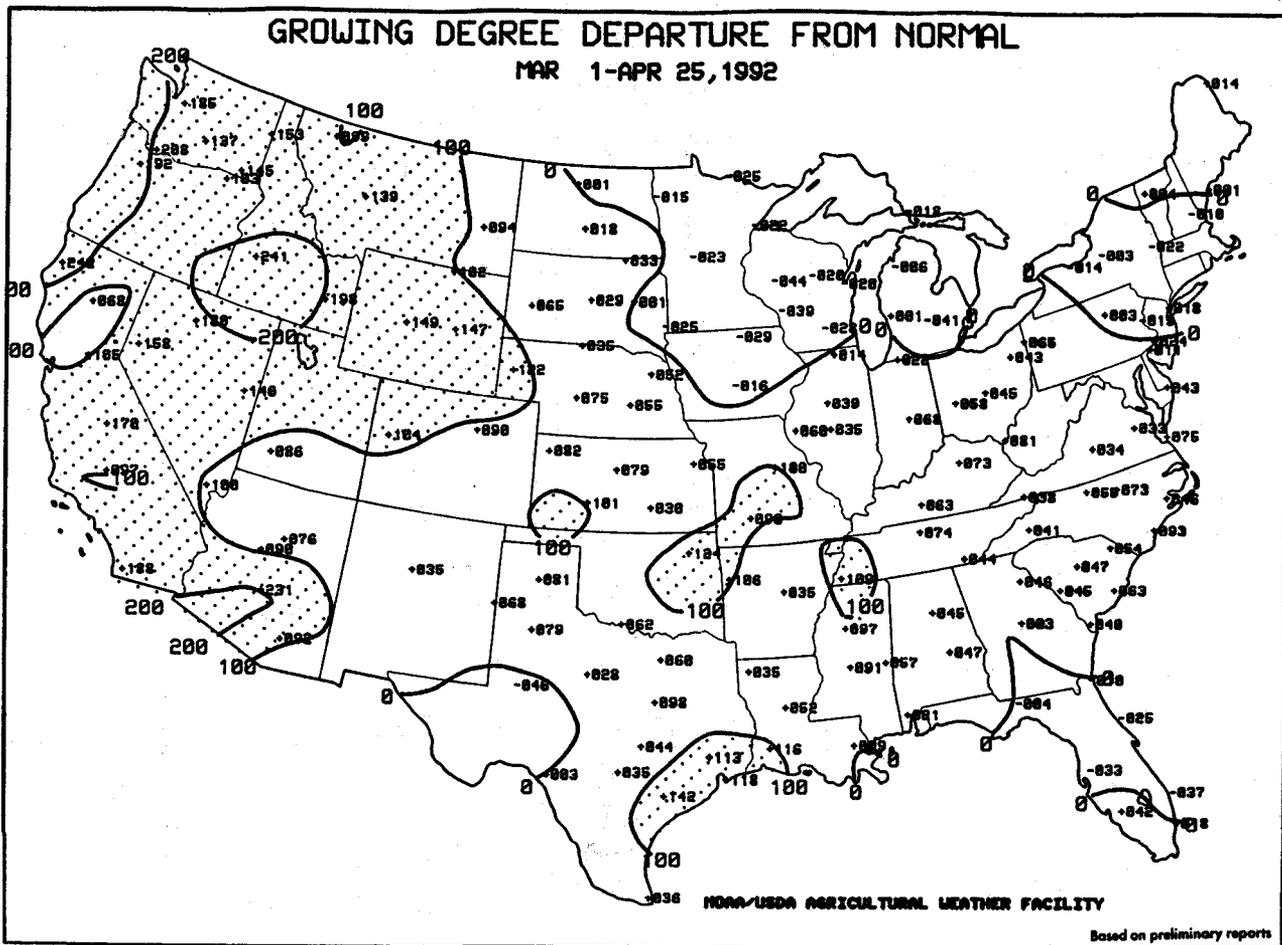
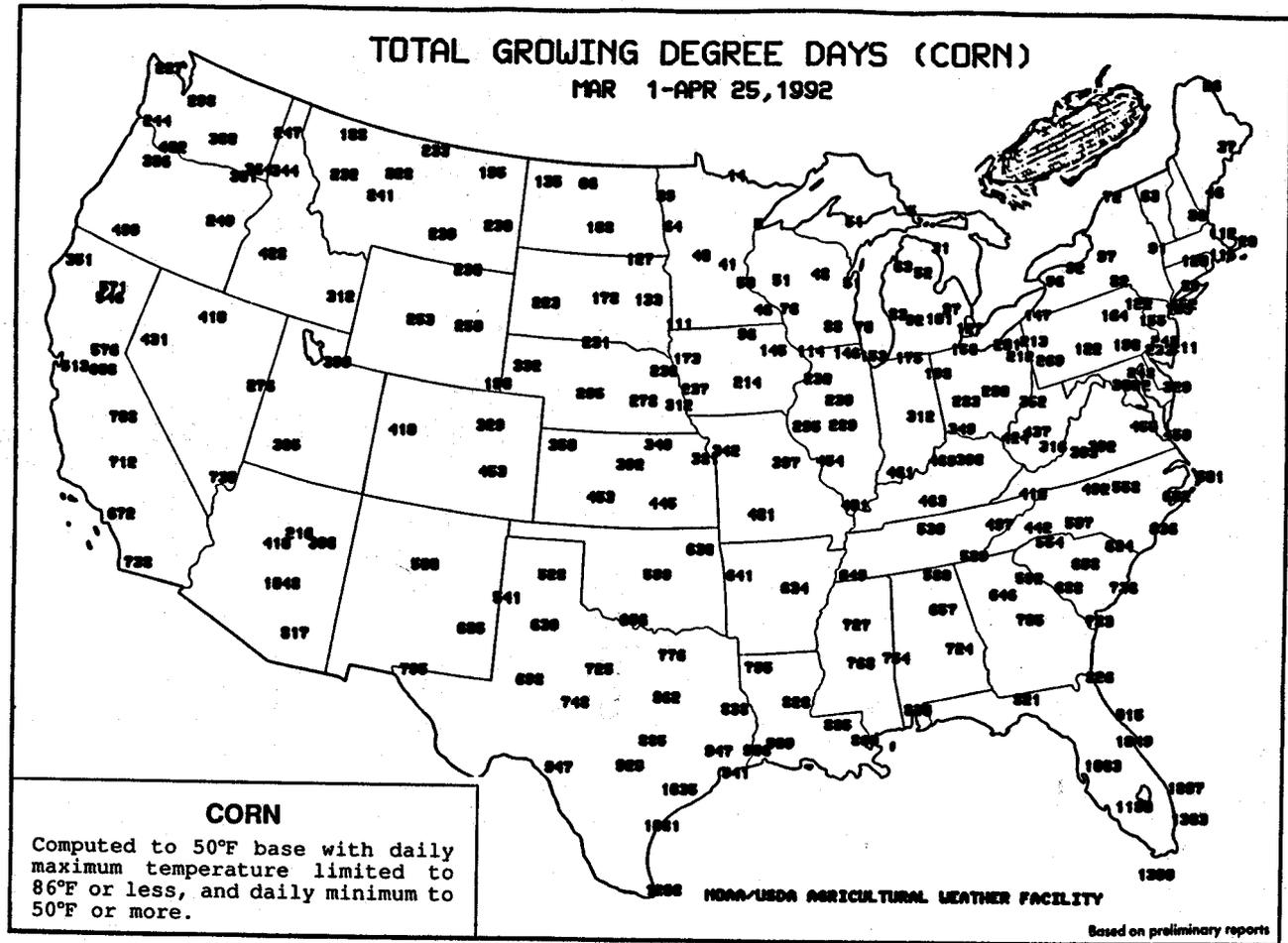
APR 19-25, 1992



Extreme Minimum Temperature(°F)

APR 19-25, 1992





National Weather Data for Selected Cities

Weather Data for the Week Ending April 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE 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	77	55	84	48	66	1	1.7	.6	.9	6.0	55	13.7	66	89	48	0	0	3	2		
MOBILE	81	59	87	51	70	0	0	0	0	5.5	51	25.4	123	98	46	0	0	4	0		
MONTGOMERY	79	55	86	48	67	0	1.9	1.9	1.1	6.1	63	22.0	120	97	50	0	0	4	0		
AK ANCHORAGE	51	31	53	29	41	3	0	0	0	3	28	2.5	90	79	39	0	5	3	0		
BARROW	17	6	22	-1	12	2	0	0	0	2	75	.4	58	91	77	0	7	2	0		
FAIRBANKS	48	28	50	22	38	0	0	0	0	5	92	2.1	130	82	34	0	6	0	0		
JUNEAU	53	38	59	32	46	2	4	1.3	2.2	8.9	156	24.8	188	94	46	0	1	3	0		
KODIAK	48	38	52	35	43	4	6	1.3	5.5	7.5	109	18.7	105	87	58	0	0	0	0		
NOME	30	19	39	9	24	2	4	1.1	1.4	1.2	114	2.1	89	92	74	0	7	0	0		
AZ PHOENIX	92	63	100	59	78	0	0	0	0	3.0	292	5.5	238	33	8	5	0	0	0		
PRESCOTT	74	40	83	36	57	4	0	0	0	1.6	124	5.2	169	44	13	0	0	0	0		
TUCSON	89	53	97	44	71	4	0	0	0	2.3	248	5.4	225	38	8	0	0	0	0		
YUMA	94	63	102	59	79	6	0	0	0	1.6	683	2.9	333	—	—	5	0	0	0		
AR FORT SMITH	73	49	85	44	61	-3	2.1	1.1	1.7	5.6	77	8.5	72	94	45	0	0	0	0		
LITTLE ROCK	77	54	85	47	65	0	1.8	.5	1.3	9.8	107	13.9	82	83	46	0	0	3	1		
CA BAKERSFIELD	84	52	89	47	68	4	0	0	0	1.9	129	5.6	159	64	20	0	0	0	0		
BUREKA	62	47	67	40	55	5	0	0	0	5.7	76	13.4	68	83	57	0	0	1	0		
FRESNO	84	53	92	46	69	7	0	0	0	2.3	90	9.0	138	70	19	1	0	0	0		
LOS ANGELES	77	60	81	57	68	8	0	0	0	5.3	209	11.6	143	86	44	0	0	0	0		
REDDING	78	50	84	44	64	2	0	0	0	5.3	72	18.5	83	84	23	0	0	0	0		
SACRAMENTO	79	48	87	42	64	4	0	0	0	2.9	94	9.8	97	85	25	0	0	0	0		
SAN DIEGO	78	61	83	59	69	7	0	0	0	4.7	209	9.8	169	88	47	0	0	0	0		
SAN FRANCISCO	73	52	82	47	62	7	0	0	0	4.4	112	12.9	109	80	34	0	0	0	0		
CO DENVER	63	35	68	30	49	-1	0	0	0	4.0	152	5.3	138	71	22	0	3	1	0		
GRAND JUNCTION	68	40	76	35	54	0	1	0	0	1.9	141	2.4	97	70	19	0	0	0	0		
PUEBLO	67	33	77	28	50	0	0	0	0	1.8	117	2.0	99	69	20	0	2	0	0		
CT BRIDGEPORT	57	45	74	41	51	0	2	0	0	5.1	72	9.1	68	98	74	0	0	0	0		
HARTFORD	62	46	71	37	54	2	0	0	0	6.9	93	11.9	83	98	64	0	0	0	0		
DC WASHINGTON	71	54	82	47	62	3	1.6	.9	1.1	5.4	92	10.4	92	95	62	0	0	3	1		
FL APALACHICOLA	81	64	85	60	73	3	0	0	0	3.1	45	18.3	130	—	—	0	0	2	1		
DAYTONA BEACH	84	65	89	61	74	3	4	0	0	5.1	106	9.2	89	98	58	0	0	2	0		
JACKSONVILLE	85	62	89	56	74	3	4.6	3.8	2.3	9.4	161	17.9	143	96	46	0	0	5	2		
KEY WEST	84	75	85	72	80	1	4	0	0	4.2	177	5.7	93	85	67	0	0	1	0		
MIAMI	84	72	87	66	78	1	1.4	.5	1.3	5.1	114	8.4	98	90	62	0	0	2	1		
ORLANDO	86	67	90	64	77	3	2.9	2.3	2.2	12.5	245	16.3	155	99	56	1	0	4	1		
TALLAHASSEE	85	58	92	49	72	3	3	0	0	4.2	47	17.1	91	98	47	1	0	3	0		
TAMPA	82	67	87	64	74	1	1.9	1.5	1.2	3.1	64	8.2	81	100	69	0	0	5	2		
WEST PALM BEACH	84	70	89	67	77	2	4	0	0	5.1	98	10.1	95	92	61	0	0	1	0		
CA ATLANTA	79	56	85	51	67	4	0	0	0	4.9	51	12.4	65	89	42	0	0	2	0		
AUGUSTA	82	55	89	46	69	3	2.3	1.5	1.6	6.4	84	15.4	98	100	47	0	0	2	2		
MACON	82	55	88	49	69	1	8	0	0	5.6	69	16.0	94	98	47	0	0	2	1		
SAVANNAH	84	64	89	58	74	6	1.7	.9	.9	6.1	94	14.9	116	93	48	0	0	3	1		
HI HILO	82	66	84	63	74	1	2	0	0	9.4	38	12.0	25	92	59	0	0	2	0		
HONOLULU	86	68	88	65	77	1	1	0	0	8	17	2.6	23	82	48	0	0	1	0		
KAHULUI	85	65	87	63	75	1	0	0	0	9	26	4.4	41	92	55	0	0	0	0		
LIHUE	80	66	82	61	73	-1	2	0	0	2	62	8.8	51	88	59	0	0	1	0		
ID BOISE	67	37	83	25	52	1	2	0	0	1	8	42	2.1	45	78	22	0	2	0		
LEWISTON	65	41	80	34	53	1	1	0	0	1	87	3.1	73	72	32	0	0	1	0		
POCATELLO	61	31	75	24	46	-1	1	0	0	1	64	2.1	54	85	27	0	5	1	0		
IL CHICAGO	57	45	71	37	51	-1	4	0	0	2	80	7.1	80	91	60	0	0	5	0		
MOLINE	55	41	75	34	48	-6	1.6	.6	.8	4.0	66	7.1	79	94	68	0	0	4	1		
PEORIA	58	41	75	35	50	-5	3	0	0	7	61	6.7	73	93	64	0	0	4	1		
QUINCY	60	43	75	35	51	-5	9	0	0	1	119	9.6	104	86	58	0	0	4	0		
ROCKFORD	55	42	70	35	48	-3	1.1	.1	.6	5.5	89	7.8	89	90	64	0	0	5	1		
SPRINGFIELD	61	45	76	38	53	-4	9	0	0	5.0	78	7.6	78	97	66	0	0	6	0		
IN EVANSVILLE	70	52	84	44	61	2	6	0	0	3	5.7	71	8.0	57	89	49	0	0	3	0	
FORT WAYNE	64	45	77	37	55	2	6	0	0	2	6.5	10.9	9.5	94	63	0	0	7	0		
INDIANAPOLIS	66	49	79	41	58	2	3	0	0	1	6.5	9.8	7.6	93	58	0	0	4	0		
SOUTH BEND	61	45	76	36	53	1	8	0	0	4	4.9	7.6	8.3	76	62	0	0	6	0		
IA DES MOINES	50	37	62	32	44	-10	2.0	1.2	1.0	6.1	126	9.2	132	91	71	0	2	5	2		
STOUC CITY	47	33	57	28	40	-13	6	0	0	5	4.8	133	6.1	118	92	66	0	4	3		
WATERLOO	50	38	65	33	44	-7	2.9	2.0	1.7	6.7	129	9.2	132	93	72	0	0	4	2		
KS CONCORDIA	58	37	67	30	47	-9	6	0	0	5	4.6	125	6.2	120	96	52	0	3	0		
DODGE CITY	67	39	83	33	53	-4	1	0	0	1	5.6	2.4	61	83	31	0	0	1	0		
GOODLAND	62	32	72	27	47	-5	0	0	0	1.9	100	2.6	98	80	30	0	5	0	0		
TOPEKA	57	41	63	30	49	-9	2.0	1.2	.8	8.5	179	10.6	157	93	59	0	1	4	2		
WICHITA	64	43	77	36	54	-5	6	0	0	6	4.8	118	5.9	106	94	47	0	0	2	1	
KY BOWLING GREEN	73	52	82	44	63	3	8	0	0	7	81	12.4	70	89	47	0	0	3	1		
LEXINGTON	73	52	80	42	63	5	8	0	0	4	6.3	77	11.8	78	86	42	0	0	4	0	
LOUISVILLE	74	53	84	47	64	4	5	0	0	4	8.3	102	12.0	81	83	42	0	0	3	0	
LA ALEXANDRIA	81	59	86	49	70	1	1.4	1.0	.8	9.0	95	22.0	117	88	47	0	0	2	2		
BATON ROUGE	83	59	87	54	71	1	4	0	0	6.6	71	23.9	126	92	44	0	0	4	0		
LAKE CHARLES	81	61	84	52	71	1	1.7	.7	1.0	8.2	131	23.1	161	99	55	0	0	4	2		
NEW ORLEANS	81	60	84	51	71	0	8	0	0	9.3	111	28.0	150	97	52	0	0	3	1		

Based on 1951-80 normals.

Weather Data for the Week Ending April 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS								
	AVERAGE	MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																				.01 INCH OR MORE	.50 INCH OR MORE		
SHREVEPORT	81	56	89	46	68	0	.7	-.4	.5	6.7	87	17.7	116	92	43	0	0	0	0	2	1		
ME CARIBOU	50	33	72	27	42	1	1.2	-.6	.9	4.5	98	10.9	120	94	63	0	0	3	0	1	1		
PORTLAND	56	41	71	36	48	3	.7	-.2	.6	6.4	88	14.6	100	98	71	0	0	0	3	4	1		
MD BALTIMORE	68	50	81	43	59	2	.9	.2	.4	5.9	90	9.6	77	99	59	0	0	0	0	4	0		
SALISBURY	73	51	83	46	62	5	1.1	.4	.7	5.0	74	11.0	81	96	51	0	0	0	3	3	1		
MA BOSTON	60	45	76	38	53	1	.7	-.1	.5	5.9	81	11.3	75	96	66	0	0	0	0	3	0		
CHATHAM	50	40	57	36	45	-2	.7	-.2	.4	5.9	81	9.5	59	98	86	0	0	0	0	4	0		
MI ALPENA	54	41	62	36	48	4	.7	.0	.4	4.0	100	7.4	105	96	70	0	0	0	0	3	0		
DETROIT	62	45	76	38	54	3	2.4	1.6	.6	7.4	142	10.7	122	93	70	0	0	0	0	5	3		
FLINT	61	44	76	37	52	3	2.2	1.5	.7	6.3	136	9.0	117	95	68	0	0	0	0	6	1		
GRAND RAPIDS	60	43	77	35	51	2	1.7	.9	.7	7.4	130	10.0	108	97	67	0	0	0	0	6	1		
HOUGHTON LAKE	57	42	71	34	50	4	.4	-.3	.2	5.5	135	8.1	118	93	60	0	0	0	0	7	0		
LANSING	61	42	77	34	52	3	2.2	1.5	.8	6.6	137	9.4	119	95	67	0	0	0	0	6	2		
MARQUETTE	48	34	63	29	41	0	.6	-.3	.3	4.4	75	8.4	85	100	85	0	0	3	5	5	0		
MUSKEGON	59	43	75	36	51	2	.8	.0	.3	5.3	102	8.0	87	95	64	0	0	0	5	5	0		
SAINT ST. MARIE	48	37	54	29	42	1	1.8	1.2	1.4	4.0	101	7.9	101	95	78	0	0	1	5	1	1		
MN ALEXANDRIA	43	32	61	28	37	-9	.7	.1	.3	3.8	127	5.1	112	97	66	0	0	6	4	0	0		
DULUTH	41	33	50	30	37	-5	2.3	1.8	.9	3.7	105	4.9	87	94	77	0	0	5	4	2	2		
INT'L FALLS	40	28	59	21	34	-8	1.2	.7	.3	2.0	84	4.4	110	96	70	0	0	6	7	0	0		
MINNEAPOLIS	49	38	65	34	43	-6	1.1	.6	.5	3.6	106	4.8	95	93	65	0	0	0	5	1	1		
ROCHESTER	47	38	61	33	42	-6	1.3	.6	.8	5.8	149	7.4	136	97	78	0	0	0	0	4	1		
MS GREENWOOD	80	59	88	50	69	3	2.3	1.0	2.2	6.6	61	12.3	59	92	44	0	0	0	2	1	1		
JACKSON	81	56	87	49	69	2	1.1	-.3	1.1	3.6	35	11.7	59	96	41	0	0	0	1	1	1		
MERIDIAN	80	57	87	50	69	3	4.8	3.7	3.0	9.8	87	20.8	99	96	44	0	0	0	3	2	2		
MO CAPE GIRARDEAU	68	52	81	43	60	1	1.5	.5	.9	5.8	66	11.1	75	90	56	0	0	0	3	2	2		
COLUMBIA	62	43	79	33	53	-5	.5	-.5	.2	5.6	85	8.1	78	92	56	0	0	0	4	0	0		
KANSAS CITY	55	40	63	31	47	-12	2.5	1.7	1.7	8.7	161	11.9	151	96	71	0	0	3	4	2	2		
SAINTE LOUIS	67	48	84	40	58	-1	1.2	.4	.8	5.8	94	8.8	87	88	51	0	0	0	4	1	1		
SPRINGFIELD	67	45	81	34	56	-3	.6	-.3	.4	4.7	69	7.8	73	95	53	0	0	0	2	0	0		
MT BILLINGS	57	34	66	32	45	-2	.8	.3	.8	3.0	115	3.2	75	85	36	0	0	3	2	1	1		
GLASGOW	52	31	63	25	41	-5	1.1	-.2	.1	.8	92	1.1	71	91	42	0	0	5	1	0	0		
GREAT FALLS	59	35	68	26	47	1	.3	-.1	.2	1.7	83	2.4	64	78	30	0	0	2	3	0	0		
HAVRE	58	32	67	24	45	-2	.2	-.1	.2	.3	22	.5	21	91	39	0	0	4	1	0	0		
HELENA	59	33	69	26	46	1	.2	-.1	.1	1.1	73	1.5	57	80	29	0	0	3	2	0	0		
KALISPELL	58	32	68	24	45	-1	1.1	-.2	.1	1.9	112	3.9	88	91	34	0	0	3	1	0	0		
MILES CITY	53	33	62	28	43	-5	.3	-.1	.3	2.9	169	3.0	103	92	47	0	0	3	3	0	0		
MISSOULA	57	33	73	26	45	-1	.5	-.2	.5	2.7	169	3.3	87	92	37	0	0	3	1	0	0		
NE GRAND ISLAND	54	33	64	25	43	-10	.2	-.5	.1	3.7	100	6.5	129	90	50	0	0	3	4	0	0		
LINCOLN	54	34	62	25	44	-11	.5	-.2	.2	3.3	78	5.6	94	92	54	0	0	3	4	0	0		
NORFOLK	50	32	59	25	41	-11	.4	-.2	.2	3.1	95	5.2	113	92	54	0	0	4	3	0	0		
NORTH PLATTE	59	31	68	23	45	-6	T	-.5	T	3.1	122	5.5	156	88	32	0	0	6	0	0	0		
OMAHA	49	33	59	23	41	-15	1.7	.9	1.0	6.4	149	8.9	150	90	66	0	0	3	4	2	2		
SCOTTSBLUFF	61	28	71	24	45	-5	1.1	-.3	.1	1.5	72	3.2	108	92	26	0	0	5	3	0	0		
VALENTINE	53	29	64	22	41	-8	1.1	-.5	.1	2.1	90	2.9	90	92	46	0	0	4	1	0	0		
NV ELY	65	25	75	18	45	2	1.1	-.1	.1	1.5	90	2.7	87	70	16	0	0	7	0	0	0		
LAS VEGAS	83	56	91	50	69	4	T	.0	T	4.8	861	6.6	437	45	16	1	0	0	0	0	0		
RENO	72	38	82	31	55	7	T	-.1	.0	.8	70	1.3	40	57	13	0	0	2	0	0	0		
WINNEMUCCA	70	31	83	20	51	3	T	-.2	T	1.1	85	1.4	49	64	15	0	0	4	1	0	0		
NH CONCORD	61	43	81	35	52	5	.3	-.4	.2	4.4	81	7.7	71	98	63	0	0	0	3	0	0		
NJ ATLANTIC CITY	68	49	83	43	58	5	.8	.1	.4	4.3	64	7.4	54	98	60	0	0	0	4	0	0		
NM ALBUQUERQUE	74	43	80	34	58	1	.0	-.1	.0	4.4	81	7.4	54	98	60	0	0	0	4	0	0		
CLOVIS	69	43	84	38	56	-3	.3	.0	.3	1.4	105	1.6	104	46	13	0	0	0	0	0	0		
ROSWELL	75	45	88	38	60	-3	.4	.0	.0	1.4	120	3.6	172	72	25	0	0	0	1	0	0		
NY ALBANY	63	47	78	37	55	5	.7	.3	.4	.8	109	2.4	155	71	26	0	0	0	1	0	0		
BINGHAMTON	62	46	71	38	54	7	1.0	.0	.3	4.4	82	7.6	75	94	58	0	0	0	3	0	0		
BUFFALO	63	46	77	39	54	6	2.0	.3	.5	6.7	121	10.3	99	93	61	0	0	0	4	0	0		
NEW YORK	65	48	81	42	56	2	1.2	.5	.7	7.2	130	11.6	106	94	64	0	0	0	5	2	0		
ROCHESTER	64	48	79	42	56	7	.4	-.4	.4	5.5	77	8.4	62	97	63	0	0	0	2	0	0		
SYRACUSE	67	49	78	42	58	8	.3	.2	.5	6.5	137	9.8	104	96	62	0	0	0	4	1	0		
NC ASHEVILLE	73	49	85	41	61	3	2.9	2.1	2.2	7.2	122	12.3	110	91	52	0	0	0	5	0	0		
CHARLOTTE	79	58	86	52	68	6	2.4	1.6	1.7	7.4	99	15.1	99	94	47	0	0	0	4	2	2		
GREENSBORO	77	54	84	44	65	5	4.3	3.6	3.8	7.6	117	14.2	105	94	45	0	0	0	3	1	0		
HATTERAS	77	59	81	51	68	6	4.4	3.6	3.8	7.6	117	14.2	105	94	45	0	0	0	3	1	0		
NEW BERN	81	58	86	52	69	5	1.2	.4	.4	8.3	127	17.0	109	92	55	0	0	0	1	0	0		
RALEIGH	80	55	86	49	68	6	1.2	.4	.7	4.7	78	13.5	95	97	47	0	0	0	5	1	0		
WILMINGTON	82	59	87	54	71	5	2.3	1.7	1.5	5.0	83	11.1	84	97	43	0	0	0	2	1	1		
ND BISMARCK	44	27	56	22	36	-11	.1	-.3	.0	.9	45	1.6	55	90	55	0	0	6	4	0	0		
FARGO	39	29	57	23	34	-13	.5	.0	.4	2.0	82	3.4	101	97	70	0	0	6	5	0	0		
GRAND FORKS	37	29	49	25	33	-12	.5	.2	.3	1.9	101	2.9	92	95	74	0	0	6	4	0	0		
WILLISTON	47	27	59	22	37	-9	.5	.2	.4	2.8	178	3.4	134	93	53	0	0	6	4	0	0		
OH AKRON-CANTON	67	47	80	37	57	6	1.3	.6	.5	7.2	120	11.1	103	98	57	0	0	0	5	0	0		
CINCINNATI	70	49	79	40	60	4	1.0	.1	.5	6.7	97	10.6	83	90	52	0	0	0	4	0	0		
CLEVELAND	68	46	81	37	57	6	1.3	.5	.4	6.6	114	12.5	120	97	60	0	0	0	6	0	0		
COLUMBUS	70	48	82	39	59	5	.7	-.1	.4	5.7	95	8.4	76	94	53	0	0	0	4	0	0		

Based on 1951-80 normals.

Weather Data for the Week Ending April 25, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT	NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE 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	.01 INCH OR MORE		.50 INCH OR MORE
													32 AND BELOW						.01 INCH OR MORE	.50 INCH OR MORE	PRECIP.
DAYTON	68	48	80	39	58	3	.8	-1	.2	7.6	129	11.6	109	97	57	0	0	4	0	0	0
TOLEDO	66	44	79	36	55	4	1.8	1.1	.6	6.4	124	9.9	109	94	52	0	0	0	0	0	0
YOUNGSTOWN	68	47	81	37	58	7	.6	-.2	.4	7.2	117	11.1	100	93	55	0	0	0	0	0	0
OK OKLAHOMA CITY	70	49	83	40	60	-3	1.8	1.0	1.0	4.5	103	7.0	104	89	58	0	0	2	2	2	1
TULSA	71	50	85	42	61	-3	1.2	-.1	1.0	5.0	77	6.9	71	88	44	0	0	0	0	0	0
OR ASTORIA	61	42	70	34	52	3	.6	-.3	.3	7.2	65	22.3	74	91	47	0	0	0	0	0	0
BURNS	62	31	75	17	46	1	.0	-.2	.0	1.3	87	2.4	59	75	22	0	4	0	0	0	0
MEDFORD	72	41	82	31	57	5	.0	-.2	.0	1.2	45	2.6	32	91	33	0	1	1	0	0	0
PENDLETON	64	39	73	31	51	-1	.0	-.2	.0	1.3	68	2.7	57	72	31	0	1	1	0	0	0
PORTLAND	67	46	80	37	56	5	.2	-.3	.1	4.6	84	13.0	83	90	45	0	0	0	0	0	0
SALEM	65	39	79	31	52	2	.2	-.3	.2	4.5	71	13.7	76	90	42	0	1	1	4	4	0
PA ALLENTOWN	66	48	76	41	57	4	.3	-.6	.2	4.2	58	7.4	54	98	63	0	0	0	0	0	0
ERIE	68	47	82	39	57	9	1.4	.6	.6	5.7	97	10.2	98	90	57	0	0	0	0	6	1
HARRISBURG	66	52	77	43	59	4	2.2	1.5	2.2	7.5	122	10.2	85	82	59	0	0	0	0	1	1
PHILADELPHIA	71	50	81	44	61	5	.9	-.1	.5	4.4	64	6.5	51	95	54	0	0	0	0	1	1
PITTSBURGH	71	50	82	41	61	8	.6	-.2	.3	5.5	87	9.4	80	91	49	0	0	0	0	0	0
SCRANTON	66	48	74	42	57	5	.5	-.2	.2	4.2	81	6.8	72	97	59	0	0	0	0	3	3
RI PROVIDENCE	61	45	76	38	53	2	.5	-.4	.3	6.4	84	13.3	86	98	68	0	0	0	0	0	0
SC CHARLESTON	81	62	87	58	72	5	2.2	1.6	1.6	6.3	97	13.5	102	95	52	0	0	0	0	4	1
COLUMBIA	81	57	88	49	69	3	2.4	1.6	1.4	6.5	80	13.8	83	98	48	0	0	0	0	2	1
FLORENCE	83	59	88	53	71	5	2.1	1.4	2.0	4.3	66	9.8	72	91	42	0	0	0	0	3	1
GREENVILLE	77	54	85	45	66	2	4.3	3.4	2.5	10.1	105	18.7	101	96	51	0	0	0	0	3	2
SD ABERDEEN	45	30	57	25	38	-10	-.1	-.4	.0	1.0	37	2.1	56	92	57	0	4	4	2	0	0
HURON	46	29	57	26	38	-12	-.2	-.4	.1	3.0	104	4.9	121	91	57	0	6	6	4	0	0
RAPID CITY	49	30	56	23	40	-8	.2	-.3	.1	2.6	99	3.0	83	94	54	0	3	5	0	0	0
SIoux FALLS	44	31	54	26	37	-13	.3	-.3	.2	3.6	103	6.1	124	94	67	0	4	4	4	0	0
TN CHATTANOOGA	76	51	84	45	63	1	1.4	.4	.8	6.9	67	15.8	78	99	43	0	0	0	0	1	1
KNOXVILLE	77	53	83	46	65	3	1.7	-.9	1.2	6.0	69	13.2	75	92	38	0	0	0	0	1	1
MEMPHIS	76	58	85	51	67	2	.9	-.4	.8	8.5	83	12.5	65	85	39	0	0	0	0	2	1
NASHVILLE	76	54	86	44	65	2	.5	-.5	.3	5.3	57	10.8	60	87	44	0	0	0	0	0	0
TX ABILENE	76	54	91	48	65	-2	.0	-.6	.0	2.8	94	8.3	165	79	35	1	0	0	0	0	0
AMARILLO	69	42	84	38	56	-3	-.1	-.2	.1	2.7	163	3.5	129	86	27	0	0	0	0	2	0
AUSTIN	80	59	86	50	69	-1	-.1	-.7	.1	7.3	174	18.7	226	92	45	0	0	0	0	1	0
BEAUMONT	80	60	83	49	70	-1	2.2	1.2	1.6	8.7	133	26.2	176	99	54	0	0	0	0	4	2
BROWNSVILLE	83	67	88	58	75	-1	-.3	-.1	.3	4.2	240	9.7	215	95	56	0	0	0	0	2	0
CORPUS CHRISTI	82	65	86	57	73	-1	1.0	-.5	.9	7.8	346	17.4	325	94	56	0	0	0	0	1	1
DEL RIO	81	59	85	49	70	-3	.0	-.5	.0	4.2	192	9.9	276	76	28	0	0	0	0	2	0
EL PASO	82	51	93	45	66	0	.0	-.0	.0	1.8	182	2.1	167	53	16	1	0	0	1	0	0
FORT WORTH	77	56	87	45	66	-1	-.1	-.9	.1	4.3	74	10.0	106	89	44	0	0	0	0	2	0
GALVESTON	78	67	82	61	72	1	1.3	-.6	1.2	6.7	157	23.6	243	93	59	0	0	0	0	2	1
HOUSTON	82	60	87	50	71	0	.3	-.7	.2	10.1	175	23.8	189	94	45	0	0	0	0	2	0
LUBBOCK	73	47	88	43	60	-3	.4	-.1	.4	2.6	155	6.0	227	87	31	0	0	0	0	1	0
MIDLAND	77	48	89	42	63	-4	.3	-.0	.4	2.0	178	5.8	277	84	29	0	0	0	0	2	0
SAN ANGELO	79	51	90	44	65	-4	-.1	-.4	.1	2.1	94	7.7	211	89	35	1	0	0	0	1	0
SAN ANTONIO	81	58	85	49	70	-1	-.1	-.6	.1	9.1	256	21.1	304	89	43	0	0	0	0	2	0
VICTORIA	83	62	88	56	72	-1	-.2	-.5	.1	9.0	263	23.1	305	92	49	0	0	0	0	2	0
WACO	81	58	89	50	69	0	.5	-.5	.5	4.7	93	15.5	175	88	46	0	0	0	0	1	1
WICHITA FALLS	75	50	89	45	63	-3	.4	-.4	.4	2.3	54	5.2	84	91	36	0	0	0	0	1	0
UT CEDAR CITY	66	32	76	26	49	0	.3	-.1	.2	2.3	122	3.8	113	74	19	0	0	3	2	0	0
SALT LAKE CITY	64	39	73	34	52	0	.6	-.1	.3	2.1	58	4.1	65	82	27	0	0	0	0	2	0
VT BURLINGTON	63	45	79	32	54	8	.8	-.1	.5	4.7	104	7.9	97	95	58	0	1	4	1	1	0
VA NORFOLK	76	56	87	49	66	5	1.4	-.2	.2	3.6	59	10.2	77	94	51	0	0	0	0	3	0
RICHMOND	77	54	86	50	65	5	1.4	-.7	1.0	8.0	134	12.4	100	98	49	0	0	0	0	4	1
ROANOKE	72	53	83	45	62	3	4.1	3.4	3.7	7.4	118	13.6	110	88	52	0	0	0	0	2	1
WA QUILLAYUTE	59	41	69	34	50	3	-.6	-.5	.5	10.0	55	41.2	92	94	50	0	0	0	0	5	1
SKATTLE-TACOMA	64	44	77	37	54	4	.3	-.2	.3	4.8	85	15.7	98	85	37	0	0	0	0	2	0
SPOKANE	61	35	76	28	48	0	.0	-.3	.0	1.0	45	4.9	78	75	29	0	0	0	0	0	0
YAKIMA	66	32	76	25	49	-2	.0	-.1	.0	1.0	103	1.9	61	83	25	0	5	0	0	0	0
WV BECKLEY	69	51	78	36	60	6	1.3	.6	1.1	7.7	113	12.0	89	83	51	0	0	0	0	4	1
CHARLESTON	76	54	85	40	65	7	.9	-.1	.6	7.5	109	12.2	90	86	45	0	0	0	0	1	1
RUNTINGTON	75	53	84	42	64	6	.5	-.3	.4	6.5	94	10.5	80	82	42	0	0	0	0	3	0
PARKERSBURG	74	52	83	40	63	6	.3	-.4	.3	5.9	93	8.7	73	89	46	0	0	0	0	2	0
WI GREEN BAY	54	43	71	37	49	1	.3	-.3	.3	5.2	125	6.4	101	91	67	0	0	0	0	4	0
LACROSSE	53	43	70	35	48	-3	1.3	.6	.9	8.4	190	10.0	161	87	65	0	0	0	0	3	1
MADISON	54	41	69	33	48	-2	1.1	.4	.6	4.9	104	7.0	102	93	68	0	0	0	0	6	1
MILWAUKEE	55	41	68	37	48	0	.6	-.2	.4	4.9	90	7.5	89	93	66	0	0	0	0	4	0
WAUSAU	52	39	67	33	46	-1	.8	-.1	.5	4.8	113	6.1	98	98	71	0	0	0	0	5	0
WY CASPER	57	27	67	22	42	-3	.0	-.4	.0	1.4	62	1.9	58	85	26	0	6	0	0	0	0
CHEYENNE	57	28	64	23	43	-2	.1	-.3	.1	2.1	106	2.5	92	80	22	0	7	2	0	0	0
LANDER	59	32	66	27	46	1	.0	-.6	.0	2.2	74	2.8	69	73	21	0	3	0	0	0	0
SHERIDAN	54	32	65	28	43	-2	.1	-.4	.1	2.4	87	2.6	60	91	40	0	3	3	0	0	0

Based on 1951-80 normals.

National Agricultural Summary

April 20 - 26, 1992

HIGHLIGHTS: Cold, wet weather delayed field activities and plant growth across the North Central States, while rains early in the week were welcomed in much of the Southeast and middle Atlantic Coast States. Mostly dry weather in the West, meanwhile, allowed spring fieldwork to progress unhindered.

SMALL GRAINS: Winter wheat condition for the 19 major producing States continued to rate mostly good to fair, although much of the acreage in Illinois, Indiana, Missouri, Ohio, and South Dakota remained in very poor or poor condition. Some improvement was noted in crop condition ratings for the Mississippi Valley and central Great Plains, where significant precipitation was received. Heading of winter wheat was evident on 24 percent (%) of the acreage in the 19 major States, matching last year and exceeding the 5-year average by 10 percentage points. Heading progress jumped 40 points in North Carolina to 50% complete, and continued to progress ahead of schedule in the southern Great Plains. Spring wheat planting made limited progress due to rains and snow across the North Central United States. After running ahead of schedule earlier, planting progress stood at 40% complete in the five major States, 18 points behind last year and 7 points behind the historic average. Spring barley planting neared completion in the Pacific Northwest, and continued to advance in the Rocky Mountains. Sowing of oats was active in the West and Northeast.

CORN: Corn planting was also slowed by the storms, progressing just 2 percentage points to 11% complete in the 17 major producing States. This compares with last year's progress of 14% and the historic average of 17%. Planting was nearly complete in Georgia, well along in North Carolina and Texas, and underway in all but the northernmost producing States.

COTTON: Cotton planting continued to progress at a generally normal rate in most States, reaching 23% complete in the 14 major producing States. This is 5 points ahead of last year and 1 point behind the average. Planting was still in the early stages in the Southeast, gaining momentum in the Delta and Texas, and in full swing in the West. Lygus damage to early seeded-cotton in Fresno County, CA, was reported.

GRAIN SORGHUM: Grain sorghum planting progressed to 22% complete in the 12 major States, compared with 20% last year and 19% average. Planting continued in Texas and the Delta, but was just beginning or had yet to begin in the more northern States.

RICE: Rice planting continued to advance well ahead of normal, reaching 65% complete in the five major producing States. This is 37 percentage points ahead of last year, and 26 points ahead of the historic average. Planting continued in full swing, despite rains, in the Delta and Texas. Planting also began in California. Crops were emerging in the Delta, and fields were being flushed and sprayed with herbicides.

OTHER FIELD CROPS: Alfalfa, oat, and forage hays were being cut in the Southwest. Potato digging continued in the Southwest and Southeast, while seeding continued in the Pacific Northwest and East. Harvest of over-wintered sugar beets continued in California, while planting continued in the Rocky Mountains. Some freeze damage to sugar beets was reported in Idaho, with some replanting necessary. Dry pea and lentil seeding was well along in Idaho and Washington.

FRUIT AND NUTS: Oranges, grapefruit, tangerines, and peaches were picked in Arizona. Picking of stonefruit began in California's desert region. California navel orange season was drawing to a close, while Valencia harvest remained active statewide. Valencia harvest was also active across Florida, but grapefruit movement was slowed due to limited supplies. Bees were moved into California apple and orange orchards.

VEGETABLES: Peas, green beans, and lettuce were being harvested in Arizona. California's active vegetable harvests included artichokes, asparagus, broccoli, cauliflower, celery, lettuce, onions, peas, spinach, and strawberries. Harvests of spring vegetable crops were gaining momentum in Florida with tomatoes, sweet corn, cucumbers, peppers, and cabbage leading in volume. Onion harvest was in full swing in Georgia, while seeding was ending in the Northwest. Vegetable planting was active in most regions. Melons, peas, and other crops were progressing well in the Rio Grande Valley, but Whitefly populations were increasing.

PASTURES AND LIVESTOCK: The cold, wet weather stressed young livestock in the North Central States. Calving and lambing were nearing completion across the Western States, and livestock were being moved to spring range. Pasture and range conditions were reported to be good in nearly all States.

Crop Progress

for the Week Ending April 26, 1992

COTTON (Percent Planted)

	Current	Last Wk	1991	Avg.
AL	47	24	32	48
AZ	59	40	54	77
AR	9	3	0	8
CA	75	50	80	86
GA	17	5	10	18
LA	28	11	6	24
MS	24	6	7	26
MO	5	3	3	6
NM	48	40	55	68
NC	8	1	18	15
OK	0	0	1	4
SC	10	1	14	13
TN	5	1	4	10
TX	18	15	14	15
14 States	23	15	18	24

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

CORN (Percent Planted)

	Current	Last Wk	1991	Avg.
CO	11	2	2	8
GA	96	89	93	95
IL	15	13	25	21
IN	4	3	12	18
IA	3	3	3	10
KS	35	20	45	30
KY	40	29	20	21
MI	0	0	0	0
MN	1	0	5	10
MO	29	24	39	35
NE	9	3	8	13
NC	78	54	75	55
OH	4	4	5	19
PA	3	0	2	6
SD	0	0	0	0
TX	73	63	81	81
WI	0	0	0	2
17 States	11	9	14	17

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

GRAIN SORGHUM (Percent Planted)

	Current	Last Wk	1991	Avg.
AR	65	47	19	28
CO	0	0	0	0
IL	1	0	0	0
KS	0	0	0	0
LA	37	29	51	40
MS	44	26	35	35
MO	10	5	3	4
NE	0	0	0	0
NM	2	1	2	NA
OK	5	2	9	4
SD	0	0	0	0
TX	62	57	57	56
12 States	22	19	19	NA
Excl. States with NA	22	20	20	19

NA - not available.

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

RICE (Percent Planted)

	Current	Last Wk	1991	Avg.
AR	78	66	12	29
CA	2	0	3	2
LA	71	59	58	59
MS	59	38	13	38
TX	68	56	71	79
5 States	65	53	28	39

These 5 States produced 97% of the 1991 rice crop.

WINTER WHEAT (Percent Headed)

	Current	Last Wk	1991	Avg.
AR	50	22	61	52
CA	95	75	80	88
CO	0	0	0	0
GA	72	49	97	93
ID	0	0	0	0
IL	0	0	0	1
IN	0	0	0	0
KS	5	0	15	5
MI	0	0	0	0
MO	3	0	1	3
MT	0	0	0	0
NE	0	0	0	0
NC	50	10	58	37
OH	0	0	0	0
OK	78	45	68	32
OR	0	0	0	0
SD	0	0	0	0
TX	50	27	43	32
WA	0	0	0	0
19 States	24	13	24	14

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

SPRING WHEAT (Percent Planted)

	Current	Last Wk	1991	Avg.
ID	90	81	73	76
MN	23	23	69	58
MT	59	48	56	53
ND	22	15	47	33
SD	92	85	86	74
5 States	40	34	58	47

These 5 States produced 87% of the 1991 spring wheat crop.

Crop Condition (Percent)

for the Week Ending April 26, 1992

WINTER WHEAT

State	VP	P	F	G	EX
AR	0	0	16	70	14
CA	0	0	5	50	45
CO	1	4	18	63	14
GA	0	2	23	72	3
ID	0	3	23	59	15
IL	16	17	33	34	0
IN	18	29	42	11	0
KS	0	9	47	33	11
MI	NA	NA	NA	NA	NA
MO	8	21	57	14	0
MT	4	14	39	38	5
NE	2	17	46	35	0
NC	0	3	21	72	4
OH	9	17	38	30	6
OK	0	0	39	61	0
OR	0	3	26	64	7
SD	4	34	35	19	8
TX	0	1	20	61	18
WA	0	0	43	57	0
19 State	2	8	36	46	8
Prev Week	3	9	37	45	6
Prev Year	3	12	35	43	7

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

State Summaries of Weather and Agriculture

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

ALABAMA: Rainfall 1.00 to 2.00 in.; less than 1.00 in. to more than 2.00 in. local areas. Temperatures 2 to 4° below normal. Highs 80s. Lows 40s; 30s colder locations north.

Days suitable for fieldwork 3.8. Soil moisture 5% short, 77% adequate, 18% surplus. Early week rains benefited crops, pastures. Acreage intended for spring planting 82% prepared, 75% 1991, 77% avg. Fieldwork progress 85% on schedule; 11% behind normal, 5 days avg.; 4% ahead of normal, 10 days avg. Corn 84% planted, 75% 1991, 78% avg. Sorghum 21% planted, 19% 1991, 22% avg. Cotton 47% planted, 32% 1991, 48% avg. Peanuts 26% planted, 30% 1991, 25% avg. Winter wheat 68% headed, 81% 1991, 70% avg.; 10% turning color, 20% 1991, 18% avg.; 25% fair, 72% good, 3% excellent. Pastures 24% fair, 66% good, 10% excellent. Livestock 14% fair, 83% good, 3% excellent. Primary activities: Preparing land for spring planting; planting row crops, vegetables; cultivating corn; applying lime, fertilizer, herbicides; cutting hay; scouting wheat, potato fields; general care of livestock, poultry, catfish.

ARIZONA: Sunny, warm statewide, 19th to 25th; no rainfall statewide. Temperature normal to 8° above. Extremes 22°; 90° higher elevations, 36°; 102° deserts.

Cotton planted 59%, 54% 1991, 77% avg.; good, weeds light to moderate; insects, light. Alfalfa good to excellent statewide, fair east; weeds moderate, insects light statewide, heavy, east; harvest, moderate. Small grains heading, 90%, 94% 1991, 94% avg.; turning color, 31%, 37% 1991, 36% avg. Condition excellent. Oranges, grapefruit, peaches harvested, west, central. Peas, green beans harvested, west. Lettuce, red potatoes, tangerines, mixed vegetables harvested, central.

ARKANSAS: Temperatures a little below normal, unseasonably cold latter part of week, scattered showers, thunderstorms first part of week. Extremes 29°; 89°. Rainfall 0.40 to 3.80 in.

Days suitable for fieldwork 5. Wheat fair to good. Fungicide applied to fields in East Central to control rust, septoria leaf blotch. Oats showed some freeze damage in southeast. Rice fields were being flushed, sprayed with herbicides. Corn, Sorghum planting continued. Soil preparation in full swing. Tomatoes flowering. Strawberry harvest began in west central. Pastures in fair to good. Livestock in good condition. Producers continued to spray for tick, fly problems.

CALIFORNIA: Weak low pressure systems brought only cloudiness to northern area early in week. High pressure followed bringing above normal temperature, especially in south.

Open weather permitted progress field activities. Small grains growing well, mostly headed. Irrigation, aphid treatments continued. Rice field preparation full swing;

stubble burning where allocations allowed. Planting underway few areas. Cotton planting progressed. Lygus damage, Fresno County. Oats, forage mixes cut hay, green chopped. Alfalfa seed fields baled, irrigated. Corn, blackeye beans planted. Safflower maturing normally. Over wintered sugarbeet harvest continued; aphid, weed treatments, new crop fields. Alfalfa hay harvest normal. Tree fruit thinning activities continued active. Early apricots, peaches, plums, nectarines sizing well. Picking stonefruit, desert area. Normal cultural practices continued. Apples, pears treated for codling moth, walnuts for blight, plums for cutworm, peaches, apricots for twig borers. Kiwifruit vines blooming. Pomegranate, olive trees beginning bloom. Grape growers irrigating, thinning, removing suckers, applying sulphur. Cherries break color. Marysville area picking reported. Fresno County citrus, full bloom. Navel orange season drawing to close. Warm weather caused quality problems, fruit for export. Valencia oranges harvested statewide. Artichoke harvest continued central coast. Asparagus cutting progressed Firebaugh district, Sacramento Valley, Delta, Salinas Valley areas. Broccoli fairly heavy Salinas Watsonville, Santa Maria, with good quality. Cauliflower moderate Salinas Watsonville, fairly light Santa Maria, variable quality. Celery packing continued south districts, excellent quality. Iceberg lettuce harvest Kern Tulare, westside areas nearing completion; bulk or shredder lettuce harvest continued. Volume fairly heavy, variable quality Salinas Watsonville, moderate, good quality Santa Maria. Leaf, Romaine lettuce harvest moderate to fairly heavy, variable quality Salinas Watsonville. Onion digging continued desert area. Freezer pea harvest westside area. Fall potato movement Tulelake Butte Valley area fairly light. Freezer spinach harvest on going, some central valley areas. Strawberry harvest freezing, fresh market going strong central coast, south, Eastside districts, variable quality. Picking started Sacramento Valley. Bushberries full bloom central valley areas. Processing tomatoes thinned, cultivated; fresh market transplantings staked tied. Planting continued beans, sweet corn, melons, peppers, sweet potatoes. Range, pasture conditions good to excellent. Upper elevations good, lower drying. Some irrigated pastures used. Stock ponds filling. Cattle movement, supplemental feeding light. Bees moved into melon fields, apple, orange orchards.

COLORADO: A storm exiting on the 20th left 0.10 to 0.20 in. of moisture in northern sections. This was followed by an upper air disturbance on 22nd, 23rd. which produced light showers mostly in the north. The remainder of the period was mostly dry with occasional windy periods. Temperatures 1 to 2° below average except in south Platte River Basin mostly 1 to 2° above normal.

Days suitable for fieldwork 6.1. Soil moisture 2% very short, 34% short, 64% adequate. Barley seeded 66%, 63% 1991, 69% avg.; emerged 32%. Oats seeded 60%, 60% 1991, 62% avg.; emerged

35%. Spring wheat seeded 33%, 31% 1991, 46% avg.; emerged 8%. Dry onions planted 86%, 79% 1991, 73% avg. Corn planted 11%, 2% 1991, 8% avg. Sugarbeets planted 83%, 94% 1991, 84% avg. Winter wheat jointed 44%, 17% 1991, 16% avg. Winter wheat 1% very poor, 4% poor, 18% fair, 63% good, 14% excellent. Cows calved, ewes lambed 85%, 89% respectively. Livestock mostly good. Pasture, range feed good.

FLORIDA: Temperatures 1 to 2° below normal Panhandle, 1 to 3° above normal elsewhere. Highs; upper 80s over State. Lows: low 40s north to middle 50s interior south. Rainfall; local areas northeast, central, 1.00 to 2.00 in. Most Panhandle, Big Bend locations, under 0.50 in. isolated spots reported over 1.00 in. South, rain under 0.25 in.

Soil moisture short to adequate throughout State. Cotton planting started; peanut planting active. Corn, tobacco making slow progress because of cool weather. Sugarcane, winter wheat making good progress. Citrus trees, new crop excellent condition. Moisture adequate, some low volume irrigation. Trees shedding new fruit that can't be carried for next season. Abundant new growth. Valencia harvest active all areas. Grapefruit movement very slow with limited supplies. Caretakers cutting cover crops, post bloom spraying, hedging harvested groves. Hot days, warm nights prevailed over major vegetable producing areas. Frequent showers northern, central areas; otherwise precipitation limited. Harvest spring crops gaining momentum. Volume leaders: Tomatoes, potatoes, sweet corn, cucumbers, peppers, cabbage. Also available: snap beans, carrots, celery, eggplant, escarole, lettuce, radishes, squash, watermelon. Hastings potato harvest underway. States pastures fair to good. Pasture ratings, 30% fair, 70% good. Moisture levels short to adequate. State's cattle herds good to excellent condition.

GEORGIA: Week of contrast across State. Showers, thunderstorms widespread early. Dry weather remainder of week. Very warm late, maximum temperatures into 80s, few low 90s south 24th. Warmth ended over weekend, windy and much colder weather prevailed. Maximum temperatures 26th low 50s north, low 70s extreme south. Minimum temperatures 40s late weekend, few 30s colder areas north. Temperatures within 1 or 2° normal. Extremes 34°, 91°. Rain 0.50 to 1.50 in., varied less than 0.50 in. to more than 2.00 in.

Days suitable for fieldwork 4.6. Soil moisture 9% short, 79% adequate, 12% surplus. Corn 32% fair, 63% good, 5% excellent. Cotton 6% poor, 21% fair, 68% good, 5% excellent. Sorghum 23% fair, 77% good; 18% planted, 23% 1991, 18% avg. Peanuts 32% fair, 68% good; 21% planted, 21% 1991, 26% avg. Soybeans 1% planted, 1% 1991, 2% avg. Tobacco 5% poor, 32% fair, 63% good; 100% transplanted, 99% 1991, 99% avg. Wheat 97% boot, 100% 1991, 99% avg. Other small grains 24% fair, 75% good, 1% excellent. Onions 11% fair, 89% good; 28% harvested, 32% 1991, 37% avg. Watermelons 2% poor, 76% fair, 22% good; 92% planted, 93% 1991, 93% avg. Other vegetables 13% poor, 25% fair, 62% good. Apples 3% fair, 97% good; 96% blooming, 98% 1991, 99% avg. Peaches 3% poor, 13% fair, 84% good. Pasture 13% fair, 82% good, 5% excellent. Cattle, hogs mostly good.

HAWAII: Dry, sunny weather with light showers occurred throughout the State. Light trades contributed to high temperatures on 21st to 22nd in Honolulu. Sparse rainfall prevailed during the week, limited water supplies for agriculture across the islands. Hawaii, Maui continued on irrigation water restrictions, farmers observed adverse effects in plantings subjected to interrupted schedules. Insect population increased with dry, warm weather. Spray programs stepped up to maintain control. Rainfall none to 1.20 in.

Days suitable for fieldwork 7.0. On Hawaii island, banana production continued near normal levels, papaya supplies seasonally lower. New season watermelon harvesting on Molokai expect to increase as larger plantings begin harvest. Sweet corn production to increase with harvesting of new acreage. Warmer weather benefited spring plantings.

IDAHO: Statewide temperatures 3° below normal to 6° above normal. Precipitation was reported across State with Twin Falls, in south central, receiving most with 0.39 in.

Days suitable for fieldwork 5. Soil moisture 21% very short, 22% short, 54% adequate, 3% surplus. Spring wheat emerged 66%, 40% 1991, 43% avg. Spring barley planted 90%, 65% 1991, 70% avg.; emerged 62%, 35% 1991, 41% avg. Oats planted 72%, 39% 1991, 52% avg.; emerged 44%, 20% 1991, 25% avg. Sugarbeets planted 99%, 94% 1991, 92% avg.; emerged 63%. Potatoes planted 30%, 20% 1991, 21% avg. Onions planted 100%, 99% 1991, 95% avg. Lentils planted 80%, 15% 1991, 37% avg. Dry peas planted 84%, 23% 1991, 52% avg. Field corn planted 14%, 3% 1991, 9% avg. Bingham County reported frost damage to alfalfa, spring grains. Power County reported damage to sugarbeets caused by severe rain, hail storms plus freezing temperatures. Sugarbeets are being replanted in parts of areas. Irrigation water supplies 19% very poor, 23% poor, 23% fair, 35% good, 0% excellent. Activities: Insect spraying, weed control, plowing, fertilizing, planting. Pasture, range condition 81% of normal. Hay, roughage supplies mostly adequate. Calving 97% complete. Lambing 98% complete. Livestock reported in good condition.

ILLINOIS: Cold front accompanied by cloudy skies, damp weather throughout the week. Extremes 30°, 80°, with average temperatures in the upper 40s to mid 50s across the State. Precipitation 0.20 to 0.75 in., with some areas reporting just over 1.00 in.

Winter wheat 34% good, 33% fair, 17% poor, 16% very poor. Alfalfa 4% excellent, 42% good, 49% fair, 5% poor. Soil moisture mostly adequate.

INDIANA: Temperatures 2 to 10° below normal. Highs mid 50s north to 60s south. Lows, low 40s north to low 50s south. Precipitation, 0.07 to 1.66 in.

Days suitable for fieldwork 1. Topsoil 42% adequate, 58% surplus. Subsoil 12% short, 66% adequate, 22% surplus. Spring cropland 79% tilled, 76% 1991, 82% avg. Wheat 8 in. high, 12 in. 1991, 11 in. avg. Wheat 34% jointed, 43% 1991, 43% avg. Oats 67% seeded, 67% 1991, 76% avg. Clover 79% seeded, 83% 1991, 86% avg. Hay, roughage 14% very short, 38% short, 47% adequate, 1% surplus. Pasture 6% poor, 50% fair, 42% good, 2% excellent. Cold wet weather conditions are delaying field activities, plant growth.

IOWA: Temperatures 8 to 14° below normal. Extremes 23°; 69°. Six to 14 in. snow extreme west 21st with wind chills down to -6°. Precipitation 0.21 to 2.23 in.; State average 1.22 in.

Days suitable for fieldwork 0.1. Topsoil 19% adequate, 81% surplus; subsoil 50% adequate, 50% surplus. Winter wheat 7% very poor, 28% poor, 37% fair, 28% good. Hay 7% very poor, 13% poor, 41% fair, 35% good, 4% excellent. Oats 1% very poor, 8% poor, 38% fair, 46% good, 7% excellent. Pasture condition 87% of normal. Oats 85% sown, 80% 1991, 90% avg. Oats 45% emerged, 43% 1991, 42% avg. Corn 3% planted, 3% 1991, 10% avg. Seedbed preparation 65% completed, 65% 1991, 77% avg. Fertilizer application 70% completed, 66% 1991, 76% avg. Cold wet weather, muddy feedlots stressing livestock.

KANSAS: Temperatures 2 to 7° below normal. Precipitation 0.04 to 0.09 in. west, 0.35 to 0.80 in. central, 1.50 to 1.90 in. east.

Days suitable for fieldwork 4.0. Surface moisture 36% short, 49% adequate, 15% surplus. Subsurface moisture 40% short, 60% adequate. Cool temperatures slow wheat growth to near normal. Stands heading mostly south central, southeast. Insect diseases present most areas; some control measures necessary. Corn planting good progress central, west; too wet east. Some stands emerging. Alfalfa weevil problem some areas. Range, pastures furnish adequate grazing central, east where burning complete; surface moisture adequate to allow regrowth. Lambing, calving final stages.

KENTUCKY: High temperatures 70s, low temperatures 50s, 3 to 5° above mean. Rainfall 0.75 in., 0.25 in. below normal.

Days suitable fieldwork 3.6. Fieldwork 1 day behind normal. Soil moisture 3% very short, 16% short, 73% adequate, 8% surplus. Tobacco plants up 87% seeded beds, 94% 1991, 88% avg. Condition plant beds 2% poor, 42% fair, 55% good, 1% excellent. Wheat fields improving. Wheat 3% poor, 25% fair, 67% good, 5% excellent. Barley crop 16% poor, 29% fair, 55% good. Alfalfa damaged by previous freezes, alfalfa weevil. Pasture condition 88% normal. Corn planting progressing rapid pace.

LOUISIANA: Temperatures 0.2 to 1.9° above normal. Extremes 41°; 93°. Rainfall 0.64 in. east central to 2.62 in. south central.

Days suitable for fieldwork 4.3. Soil moisture 5% short, 72% adequate, 23% surplus. Corn 38% fair, 62% good; 100% planted, 96% 1991, 91% avg.; 88% emerged, 93% 1991, 78% avg. Cotton 13% emerged, 1% 1991, 6% avg. Rice 56% emerged, 48% 1991, 45% avg. Fertilizing, spraying, active, southwest. Hay 3% first cutting, 3% 1991, 5% avg. Spring plowing 84% complete, 72% 1991, 77% avg. Sorghum 25% emerged, 45% 1991, 26% avg. Sugarcane 9% fair, 91% good. Spraying herbicides, fertilizing, active. Sweet potatoes 1% planted, 7% 1991, 7% avg. Wheat 6% poor, 34% fair, 60% good; 94% headed, 85% 1991, 92% avg.; 9% turning color, 33% 1991, 17% avg. Livestock 26% fair, 72% good, 2% excellent. Pasture 1% very poor, 2% poor, 1% fair, 95% good, 1% excellent. Fertilizing, spraying active. Vegetables, 41% fair, 59% good. Strawberry, crawfish harvesting continued.

MARYLAND & DELAWARE: MARYLAND: Precipitation 1.56 in. Temperature 61.5°, normal 56.6°. Extremes 42°; 87°.

Days suitable for fieldwork 3.5. Topsoil 11% short, 78% adequate, 11% surplus. Subsoil 26% short, 69% adequate, 5% surplus. Corn 10% planted, 12% 1991, 11% avg. Sweet corn 17% planted, 21% 1991, 15% avg. Potatoes 66% planted, 57% 1991, 79% avg. Green peas 68% planted, 74% 1991, 86% avg. Spring oats 78% planted, 66% 1991, 78% avg. Field preparation 54%, 58% 1991, 59% avg. Small grains mostly good condition, barley 16% headed, rye 11%. Pastures in mostly good condition, western counties improving. Hay demand high, short to adequate supply. Peaches 67%, apples 35%, strawberries 27% blooming. Activities for the week: Very active planting; beginning to plant melons, cucumbers, snap beans, scouting small grains, alfalfa for insects, disease; tagging, vaccinating, docking livestock.

DELAWARE: Precipitation 1.00 in. Temperature 60.1°, normal 56.4°. Extremes 43°; 81°.

Days suitable for fieldwork 5.5. Topsoil 37% short, 63% adequate. Subsoil 37% short, 63% adequate. Corn 35% planted, 11% 1991, 13% avg. Sweet corn 27% planted, 12% 1991, 19% avg. Green peas 79% planted, 71% 1991, 66% avg. Field preparation 88%, 51% 1991, 55% avg. Spring oats, potato planting nearly complete. Small grains good condition, barley 21% headed, 51% 1991, 24% avg.; others behind due to continuing cool temperatures. Pastures in mostly excellent condition. Hay demand declining. Peaches 78%, apples 38%, strawberries 28% blooming. Activities for the week: Waiting for soil temperatures to improve, beginning to plant melons, snap beans; preparing to apply N to small grain; marketing, veterinary chores on young livestock.

MICHIGAN: Temperatures 3° below to 4° above normal. Extremes 29°; 79°. Precipitation 0.34 to 2.35 in. across the State. Rain, rain, more rain was week's weather theme.

Fieldwork was nearly nonexistent, the fields were saturated. Gray, cloudy skies prevailed in State. Temperatures were close to normal throughout the State, despite the lack of sunshine. Livestock are in good condition, feed supplies are adequate. Wheat fields are greening up. Major activities included: Pruning peaches, grapes; fixing fences; hauling grain to market; tinkering in the shop, keeping dry.

MINNESOTA: Temperatures 5 to 13° below normal. Extremes 21°; 69°. Precipitation near normal to 0.69 in. above normal.

Days suitable for fieldwork 0. Topsoil 39% adequate, 61% surplus. Subsoil 4% very short, 8% short, 56% adequate, 32% surplus. Spring wheat 23% planted, 69% 1991, 58% avg.; 1% emerged, 35% 1991, 16% avg. Oats 25% seeded, 51% 1991, 64% avg.; 1% emerged, 16% 1991, 19% avg. Barley 16% seeded, 62% 1991, 43% avg.; 0% emerged, 7% 1991, 6% avg. Corn 10% ground prepared, 17% 1991, 36% avg.; 1% planted 5% 1991 10% avg. Soybean 4% ground prepared, 4% 1991, 15% avg.; 0% planted, 0% 1991, 0% avg. Sugarbeets 3% planted, 26% 1991, 46% avg. Potatoes 4% planted, 5% 1991, 7% avg. Green peas 18% planted, 30% 1991, 35% avg. Sweet corn 1% planted, 0% 1991, 3% avg. Dry beans 1% planted, 0% 1991, 0% avg. Area conditions to normal; alfalfa 74%, pasture 80%, fall seeded 79%.

MISSISSIPPI: Temperatures 68°, 1.6 above normal. Extremes 45°; 89°. Scattered showers throughout the State. Rainfall 1.48 in., 0.21 above normal. Soil temperatures 73°.

Days suitable for fieldwork 3.3, 1.2 1991, 4.1 avg. Soil moisture 72% adequate, 20% surplus, 8% excessive. Corn 79% planted, 60% 1991, 68% 5 avg.; 66% emerged, 54% 1991, 49% avg.; 26% fair, 71% good, 3% excellent. Cotton 24% planted, 7% 1991, 26% avg.; 10% emerged, 4% 1991, 5% avg. Peanuts 18% planted, 16% 1991, 16% avg. Rice 59% planted, 13% 1991, 38% avg.; 25% emerged, 10% 1991, 9% avg. Sorghum 44% planted, 35% 1991, 35% avg.; 27% emerged, 30% 1991, 19% avg. Sweet potatoes 7% planted, 16% 1991, 18% avg. Watermelons 65% planted, 77% 1991, 62% avg. Wheat 98% jointing, 96% 1991, 98% avg.; 77% heading, 74% 1991, 73% avg.; 24% fair, 76% good. Peaches 19% poor, 55% fair, 26% good. Livestock 4% fair, 89% good, 7% excellent. Pasture 94% of normal. Activities: Planting field crops, repairing equipment, fertilizing pastures.

MISSOURI: Temperatures 11° below normal northwest to normal southeast. Precipitation 0.87 in., varying from 1.25 to 2.00 in. northwest, north central, west central, to 0.60 in. or less elsewhere. Around 12 in. snow received 20th extreme northwest.

Days suitable for fieldwork 0.8. Topsoil 1% short, 40% adequate, 59% surplus, ranging 20% surplus or less southwest, south central districts to around 80% surplus northern districts. Ground worked at least once for spring crops 75%, 80% 1991, 75% avg. Oats sown 90%, 92% 1991, 94% avg. Corn planting ranges 10% northwest, north central districts to 91% southeast. Early corn plantings discolored by cold temperatures, excessive moisture. Sorghum planted varies none northern districts to 22% southeast. Some diseases developing in wheat, warm, dry weather needed. Wheat poorest north-central, northeast, most favorable southeast. Pasture 1% very poor, 7% poor, 47% fair, 42% good, 3% excellent.

MONTANA: Temperatures east below normal, remainder above normal. Widespread precipitation. Most divisions 0.25 in. or more, southeast averaged 0.90 in. Five of seven divisions averaged more than 0.50 in.

Days suitable for fieldwork 3.3. Topsoil 26% short, 70% adequate, 4% surplus. Subsoil 37% short, 62% adequate, 1% surplus. Barley planted 68%, 48% 1991, 49% avg. Oats planted 48%, 34% 1991, 39% avg. Sugarbeets 60% planted, 60% 1991, 57% avg. Row crop planting starting earlier than normal. Calving 90% complete, lambing 75% complete. Pasture, range feed conditions 83% of normal.

NEBRASKA: Temperatures 7° below normal in the west to 12° below normal in the east. Precipitation 0.10 to 1.65 in. east as rain, snow.

Days suitable for fieldwork 3.3. Topsoil 14% short, 68% adequate, 18% surplus. Subsoil 9% short, 90% adequate, 1% surplus. Wheat 2% very poor, 17% poor, 46% fair, 35% good; wheat jointed 28%, 21% 1991, 24% avg. Oats sown 92%, 90% 1991, 92% avg. Corn planted 9%, 8% 1991, 13% avg. Alfalfa 1% poor, 36% fair, 62% good, 1% excellent. Pasture, range 90% normal. Spring calving 92% complete.

NEVADA: High pressure dominated with dry, warm conditions. Weak storm midweek allowed

some isolated showers over north. Temperatures again above normal. Extremes 16°; 96°.

Getting ready to plant potatoes, other planting operations slightly ahead of normal. Surface irrigation water supplies continue very short. Livestock movement continues to spring, summer ranges, many ranges poor condition. Stockwater a major concern many areas. Calving, lambing about 80% complete.

NEW ENGLAND: Precipitation 0.15 to 1.45 in. Temperatures low 40s to mid 50s north, high 40s to mid 50s south. Maximum temperatures low 70s to low 80s throughout region; minimum temperatures low 20s north to low 40s south.

Major farm activities: spreading manure, mending fences, plowing fields and repairing machinery.

NEW JERSEY: Temperatures above normal. Extremes 35°; 83°. Rainfall 0.84 in. north, 0.21 in. central; 0.44 in. south. Heaviest 24 hour total 1.13 in. on 22nd, 23rd. Estimated soil moisture, in percent field capacity, averaged 99% north, 89% central, 90% south. Four-inch soil temperatures averaged 53° north, 54° central, 57° south.

Field preparation, planting continued very active. Light harvest of asparagus, leafy greens. Spinach, leek volume good. Planting of lettuce, sweet corn mostly under plastic, cabbage, endive, escarole continued. Planting of squash, cucumbers, melons, pickles began under tunnels. Tomato transplanting continued. Peach bloom general. Apple bloom began. Wintered-over rye, wheat, pastures greened; made much growth. Cover crops turned under.

NEW MEXICO: Generally warm, dry weather persisted for much of the State during the week. Light precipitation amounts, mostly less than 0.10 in., were noted over the southeastern plains, parts of the northeastern plains, temperatures 1 to 3° cooler than normal. Elsewhere, temperatures 2 to 4° warmer than usual.

Days suitable for fieldwork 6.6. Soil moisture 25% short, 75% adequate. Light freeze damage in isolated areas around the State, but no substantial crop damage. Crop conditions: Alfalfa, 23% fair, 73% good, 4% excellent. Irrigated wheat, 25% fair, 75% good with 32% heading. Dryland wheat 29% poor, 14% fair, 57% good with 32 percent heading. Chile 20% fair, 80% good. Onions, lettuce both in good condition. Cattle condition fair to good; sheep poor to good. Range condition 89% of normal.

NEW YORK: Weather quite variable. Warm early week with highs in 70s, lows in 50s, 60s; caused remaining snowpack in Adirondacks to melt resulting in high stream flow levels. Temperatures fell mid week. Unseasonably cold weekend. Precipitation generally above normal, 0.75 to 1.50 in. Below normal rainfall in St. Lawrence Valley, over Long Island, ranging between 0.25 to 0.50 in.

Days suitable for fieldwork 2.4. Soil moisture mostly adequate to surplus. Fieldwork remains behind schedule. Pasture condition 66% of normal. Hay, wheat fair to mostly good. Corn planting delayed due to cool, wet soils. Oats 19% seeded, 37% 1991, 33% average. Major farm activities: Plowing, fertilizing, general equipment maintenance, tending livestock, spraying tree fruits.

NORTH CAROLINA: Temperatures above normal. Extremes 36°; 89°. Flooding Foothills, Mountains. Precipitation 0.23 to 5.83 in.

Days suitable for fieldwork 3.9. Soil moisture 1% very short, 11% short, 60% adequate, 28% surplus. Crop condition: Wheat 3% poor, 21% fair, 72% good, 4% excellent; oats 2% poor, 17% fair, 78% good, 3% excellent; barley 2% poor, 18% fair, 77% good, 3% excellent; rye 14% fair, 83% good, 3% excellent; pasture 1% poor, 23% fair, 70% good, 6% excellent; tobacco plant beds 1% very poor, 1% poor, 20% fair, 69% good, 9% excellent; irish potatoes 3% very poor, 7% poor, 16% fair, 67% good, 7% excellent; peaches 14% very poor, 19% poor, 31% fair, 33% good, 3% excellent; truck crops 26% fair, 71% good, 3% excellent. Corn planted 78%, 75% 1991, 55% avg.; cotton planted 8%, 18% 1991, 15% avg.; flue-cured tobacco transplanted 32%, 36% 1991, 25% avg. Wheat headed 50%, 58% 1991, 37% avg. Tobacco plant bed supplies 3% very short, 7% short, 77% adequate, 13% surplus. Hay, roughage supplies 4% short, 90% adequate, 6% surplus. Livestock feed from pastures 61%. Major activities: Land preparation; planting corn; transplanting flue-cured tobacco. Other activities: Tending tobacco beds; top dressing, spraying small grains; fertilizing pastures; planting cotton, truck crops; tending livestock; transplanting Christmas trees; equipment repair; general farm maintenance.

NORTH DAKOTA: Two systems moved across the State producing cool temperatures with snow, rain. Statewide temperatures 11 to 14° below normal. Extremes 15° south central; 65° west central. Precipitation 0.22 in. southeast to 0.80 in. northwest.

Days suitable for fieldwork 2.2. Topsoil 4% very short, 23% short, 66% adequate, 7% surplus. Subsoil 5% very short, 41% short, 54% adequate. Weather conditions delayed planting progress behind average. Hard red spring wheat 22% planted, 47% 1991, 33% avg.; durum wheat 6%, 25% 1991, 15% avg.; oats 28%, 35% 1991, 27% avg.; barley 15%, 52% 1991, 32% avg.; sugarbeets 2%, 32% 1991, 43% avg. Early small grain plantings emerging. Winter wheat 2% poor, 58% fair, 40% good; 10% dormant, 90% green. Weather stressed young livestock. Calving 90% complete, lambing 90%, shearing 94%. Nearly all range livestock received supplemental feed. Condition of ranges and pastures 83% of normal; furnished 14% roughage requirements. Stockwater supplies 2% very short, 30% short, 67% adequate, 1% surplus.

OHIO: Spring-like weather early in the week gave way to colder weather by weekend with passage of a cold front. Highs low to mid 60s north to near 70° south. This was mostly 1 to 3° below normal across State. Lows mid 40s north to near 50° south which was 1 to 6° above normal. Coldest readings dipped to the mid 30s. Precipitation 0.70 to 1.25 in. north, central which is 0.20 to 0.75 in. above normal. In contrast only 0.40 to 0.70 in. of rain fell in the south which was 0.40 in. below normal. Soil temperatures at the 4-in. depth under bare ground averaged low to mid 50s across the State.

Days suitable for fieldwork 1.2. Limited fieldwork due to wet weather. Soil moisture 6% short, 58% adequate, 36% surplus. Oats sown 63%, 67% 1991, 73% avg. Oats emerged 30%, 42%

1991, 47% avg. Pasture 1% very poor, 6% poor, 32% fair, 51% good, 10% excellent. Hay 2% very poor, 6% poor, 33% fair, 54% good, 5% excellent.

OKLAHOMA: Temperatures 2° below normal southwest to 5° below normal north central. Precipitation none south central, southeast to 0.18 northeast.

Days suitable for fieldwork 4.7. Topsoil 26% short, 65% adequate, 9% surplus. Subsoil 22% short, 78% adequate. Wheat 39% fair, 61% good; 78% heading, 68% 1991, 32% avg.; 8% soft dough, 3% 1991, 7% avg. Corn 73% planted, 53% 1991, 52% avg.; 30% emerged, 21% 1991, 23% avg. Crop insect activity light to moderate. Cattle condition good; marketings average; prices steady to lower.

OREGON: Temperatures normal to above normal. Record lows, 23rd in Astoria, Burns, Pendleton. Record highs, 25th several western locations. Precipitation widespread statewide; most locations received under 0.60 in.

Soil moisture, 33% short, 62% adequate, 5% surplus. Winter wheat 3% poor, 26% fair, 64% good, 7% excellent. Barley 81% planted. Pesticides, fertilizers applications continued, western areas. Small grain planting continue, eastern areas. First cuttings of hay reported Columbia Basin. Physiological leaf spot reported, winter wheat. Light frost injured some fruit blossoms, Hood River Valley, Willamette Valley. Hood River Valley, Hermiston, Boardman areas report fruits in full bloom, except orchards at higher elevations. First cover sprays for pears applied, Medford. Peach, post bloom apples thinned, one third of strawberries have bloomed, blueberries full bloom, canberries slowed by cool weather; Willamette Valley. Stevens cranberries hook stage, southern coast. Sowing vegetables, major activity Willamette Valley. Onion emergence underway, statewide; early sweet corn also emerging, western areas; potato planting concluding, in most areas; Klamath Basin will shortly begin planting potatoes. Livestock condition good; moving to spring pastures. Stockwater continues to be short, eastern areas. Heavy tick infestation, Umatilla County. Statewide pasture, range 88% of normal.

PENNSYLVANIA: Spring week across the State, mild temperatures, significant precipitation in most areas. Temperature 61°, 13° above normal. Extremes 35°; 82°. Precipitation 1.12 in., 0.30 in. above normal.

Days suitable for fieldwork 3. Soil moisture 8% short, 68% adequate, 24% surplus. Plowing 52% complete, 55% 1991, 56% avg. Corn 3% planted, 2% 1991, 6% avg. Oats 52% planted, 60% 1991, 61% avg. Potatoes 16% planted, 29% 1991, 33% avg. Tobacco beds 100% planted, 78% 1991, 85% avg. Barley 96% pre-boot, 87% 1991, 93% avg.; 4% boot, 12% 1991, 7% avg.; 0% heading or headed, 1% 1991, 0% avg. Wheat 98% pre-boot, 94% 1991, 96% avg.; 2% boot, 6% 1991, 4% avg. Wheat crop condition 0% very poor, 5% poor, 25% fair, 50% good, 20% excellent. Oats crop condition 0% very poor, 5% poor, 31% fair, 50% good, 14% excellent. Hay stands mostly good to fair. Alfalfa first cutting 0% complete, 0% 1991, 0% avg. Feed from pastures 3% very poor, 15% poor, 38% fair, 44% good. Peaches 54% pre-pink, 29% 1991, 37% avg.; 36% pink, 23% 1991, 24% avg.; 10% full bloom or past, 48% 1991, 39% avg. Cherries 69% pre-pink, 27% 1991, 40% avg.; 16% pink, 24% 1991, 25% avg; 15% full bloom or past, 49% 1991,

35% avg. Apples 88% pre-pink, 51% 1991, 61% avg.; 12% pink, 32% 1991, 27% avg.; 0% full bloom or past, 17% 1991, 12% avg. Activities: Spring plowing; planting crops; planting tobacco beds; repairing fence; hauling manure; spreading fertilizer; maintaining machinery; caring for livestock.

PUERTO RICO: Island rainfall 1.31 in. was 0.05 in. above normal. Highest weekly total 3.90 in. at Pico Del Este Luquillo, 3.80 in. at Maricao, 3.50 in. at Yauco. Highest 24 hour total 3.20 in. Pico Dele Este Luquillo. Divisional temperatures 78 to 79° on the coast, 72 to 73° Interior with mean station temperature 63.5° at Pico Del Este Luquillo to 81.5° at Borinquene Airport. Extremes 50°; 93°.

SOUTH CAROLINA: Temperatures across the State 1 to 4° above normal. Rainfall 2.30 in. statewide.

Days suitable for fieldwork 4.5. Soil moisture 9% short, 86% adequate, 5% surplus. Tobacco fair to good; 80% planted, 83% 1991, 71% avg. Corn good; 94% planted, 88% 1991, 88% avg. Watermelons fair to good; 83% planted, 84% 1991, 81% avg. Cantaloupes fair to good; 74% planted, 73% 1991, 68% avg. Tomatoes good; 96% planted, 97% 1991, 94% avg. Cucumbers good; 74% planted, 75% 1991, 77% avg. Snap beans good; 58% planted, 56% 1991, 57% avg. Oats good; 67% headed, 71% 1991, 67% avg. Wheat fair to good; 58% headed, 77% 1991, 63% avg. Rye good; 11% turning color, 9% 1991, 6% avg. Grain hay good; 15% harvested, 15% 1991, 13% avg. Pastures fair to good. Some wheat sprayed to control cereal leaf beetle; septoria, powdery mildew, leaf rust causing some problems.

SOUTH DAKOTA: Temperatures 5 to 15° below normal, coolest in the east. Extremes 8°; 65°. Precipitation up to 2 feet of snow in the Northern Black Hills, 9 in. in the northeast, southeast corners. light precipitation across the State. Maximum 1.30 in.

Days suitable for fieldwork 1.8. Topsoil 10% critical, 29% short, 54% adequate, 7% surplus. Subsoil 17% critical, 35% short, 46% adequate, 2% surplus. Rye 2% very poor, 10% poor, 14% fair, 61% good, 13% excellent. Small grain seeding is ahead of normal. Cool weather is slowing small grain crop development. Livestock 1% poor, 5% fair, 79% good, 15% excellent. Muddy feedlots, scours were reported. Pasture 81% of normal, as many reporters noted very little growth due to the cool weather. Cows calved, 75%. Sheep lambled, 80%.

TENNESSEE: A slow moving storm system brought rain the first half of the week. High pressure dominated the rest of the week with mild, dry conditions. Cold front moved in 22nd. Cold, moist air behind cold front kept conditions cloudy, very cold over the weekend. Temperatures near or below normal statewide. High temperatures were mainly in the 70s, 80s, dropping into the 40s to 50s. Extremes 40°; 88°. Precipitation statewide 20th. Precipitation 0.65 in. below normal at Nashville to 0.50 in. above normal at Knoxville.

Days suitable for fieldwork 3.7. Soil moisture 4% short, 86% adequate, 10% surplus. Topsoil levels replenished most areas. Winter wheat good to excellent. Strawberries good. Wet, mild conditions favorable for pastures.

Spring planting delayed by rain at times. Tick, fly populations active. Livestock good to excellent. Farmers busy with planting, land preparation, tobacco transplant preparation, fertilizing.

TEXAS: Week started cool, dry as high pressure covered the State. Warming gained momentum at midweek as southerly winds returned. Late in week cool front entered the State, triggered thunderstorms mainly over south central, southeast, far southern sections. Some 2.00 to 3.00 in. rainfall. Weekend temperatures marked by mild days, cool nights. All districts except Blacklands reported rainfall, amounts were below normal for the week except Lower Valley. Temperatures ran near to below normal.

Crops: Small grain fields progressed on the Plains despite needed moisture. Irrigated fields showed signs of good growth; however dryland fields stressed from lack of moisture. Statewide wheat condition rated 87% normal compared with 58% 1991. Corn planting progressed on the Plains. Fields being cultivated and fertilized in Blacklands. Emerged plants up to a good stand in most areas. Some replanting in High Plains due to heavy rain, hail damage earlier this month. Statewide corn condition rated 88% normal compared with 87% 1991. Grain sorghum fields looked good in most areas of the State. Spraying for sugarcane aphids, greenbugs continued. Most fields being cultivated. Sidedressing delayed by wet grounds in South Texas, Upper Coast. Statewide sorghum condition rated 83% normal compared with 83% 1991. Cotton planting began on a limited basis in High Plains. Land preparation continued as farmers applied herbicides, fertilized grounds. Rio Grande Valley, plants began to square as fruit branches developed. Some spraying for weed control. Rice planting progressed rapidly, but slowed at weekend by wet conditions in Upper Coast.

Commercial Vegetables: In the Rio Grande Valley, melon, peas, other crops making good progress. Whitefly population increasing. High Plains, land preparation continued. Onions and potatoes progressed under windy conditions. Trans Pecos, chile planting continued. Emerged plants progressing good. East Texas, vegetable planting full swing. Some fungus problems reported. Pecan trees leafing out. Lots of trees being sprayed. Early indications of fruit set appeared light.

Range and Livestock: Range, pasture conditions looked good after additional moisture in some areas. Pastures being fertilized and grasses rapidly growing. Livestock conditions remained good with ample forage. Weight gains excellent.

UTAH: Temperature maximums normal, minimums 1° above normal. Precipitation was moderate in mountainous areas of the north, light in the south central, southeast divisions of the State; none reported elsewhere.

Days suitable for fieldwork 6.5. Soil moisture 67% short, 33% adequate. Spring wheat emerged 75%, 68% 1991. Barley emerged 78%, 62% 1991. Oats planted 75%, 71% 1991. Oats emerged 39%, 27% 1991. Winter wheat height 7.9 in., 5.3 in. 1991. Corn planted 34%, 20% 1991. Corn emergence has started. Alfalfa height 9.8 in., 4.1 1991, 5.9 avg. Alfalfa 1st crop cutting underway in early areas. Potatoes planted 39%, 10% 1991. Sweet cherries, tart cherries, peaches, pears good to excellent condition.

Apples, apricots mostly good condition. Calf death losses below normal to normal. Lamb death losses slightly below normal. Pasture, range condition 83% normal.

VIRGINIA: Wet, warm with temperatures 6° above normal. Extremes 37°; 90°. Central, western areas received the heaviest rainfall which caused flooding along many rivers.

Days suitable for fieldwork 3.7. Topsoil 20% short, 48% adequate, 32% surplus. Pasture 7% poor, 34% fair, 47% good, 12% excellent. Alfalfa 15% poor, 36% fair, 44% good, 5% excellent. Barley 8% poor, 46% fair, 39% good, 7% excellent. Wheat 4% poor, 35% fair, 57% good, 4% excellent. Apples mostly good. Peaches mostly fair to good. Potatoes mostly good. Other hay 15% poor, 54% fair, 28% good, 3% excellent. Corn 35% planted, 35% 1991, 25% avg. Corn 55% fair, 45% good. Cotton 18% planted, 12% 1991, 31% avg. Peanuts 11% planted, 5% 1991, 7% avg. Flue tobacco 1% transplanted, 1% 1991, 3% avg. Harvesting rye for haylage, spraying alfalfa, wheat, dragging off potatoes, planting vegetables, cleaning up after the floods.

WASHINGTON: Temperatures 2° below to 3° above normal west; 1 to 6° below normal east. Precipitation 0.07 to 1.11 in. west; none to 0.25 in. east.

Days suitable for fieldwork 4.9. Soil moisture 15% short, 84% adequate, 1% surplus. Hay, other roughage 88% adequate, 12% surplus. Range, pasture 40% fair, 59% good, 1% excellent. Winter wheat 43% fair, 57% good. Winter barley 38% fair, 62% good. Potatoes 63% planted, 56% 1991, 61% avg.; 13% emerged, 23% 1991, 25% avg. Spring wheat 98% planted, 90% 1991, 91% avg.; 90% emerged, 64% 1991, 73% avg. Spring barley 98% planted, 79% 1991, 81% avg.; 80% emerged, 45% 1991, 59% avg. Dry peas 95% planted, 62% 1991, 68% avg. Fieldwork resumes after last week's heavy rains; cold, wet weather slowed crop progress; conditions still ahead of normal. Corn, potatoes planted central areas; final barley, wheat seedings delayed west. Wind limits herbicide spraying east. Apples, blueberries, strawberries full bloom; pollination reduced by weather. Frost damage localized, light. Heavy crop loads expected most areas. Radishes, rhubarb harvested west; other vegetable seeding increased. Cattle put onto spring ranges; branding active.

WEST VIRGINIA: Temperature 58°. Extremes 32°; 85°. Precipitation 1.40 in.

Days suitable for fieldwork 3.0. Soil moisture, 13% short, 56% adequate, 31% surplus. Tobacco beds, fair; 61% planted, 34% emerged.

Gardens, fair; 18% planted, 16% emerged. Wheat, good. Barley, good. Corn, 51% planted, 18% emerged. Oats, 27% planted, 20% emerged. Hay, 48% fair, 52% good. Apples, fair. Peaches, good. Pastures, 42% poor, 33% fair, 25% good; 69% of normal. Hay feed supplies, adequate. Other feed supplies, adequate. Cattle, 13% poor, 8% fair, 79% good. Sheep, 5% poor, 2% fair, 93% good. Cows calved, 89%. Sheep lambed, 91%. Farm activities: General maintenance, plowing, planting corn, oats, seeding tobacco beds, fencing, fertilizing, working cattle, calving, lambing.

WISCONSIN: Temperature 43°; 5° below normal. Extremes 23°; 74°. Precipitation 0.30 to 1.40 in.

Days suitable for fieldwork 0.3. Another week of rain, below normal temperatures has kept farmers from doing much of anything. Fields are very saturated in mostly all areas. Soil moisture 29% adequate, 71% surplus. Intended spring tillage 10% complete, 21% 1991, 36% avg. Oats 10% planted, 27% 1991, 46% avg. Corn 0% planted, 0% 1991, 2% avg. Damage to winter wheat: 1% reported no damage, 7% with light damage, 14% with moderate damage, 78% reported severe damage. Damage to alfalfa 2% report no damage, 41% light damage, 39% moderate damage, 18% report severe damage.

WYOMING: Temperatures slightly below normal last week across most of the State. Most areas 1 to 3° below normal with the exception being in the northeast corner where temperatures were 4 to 7° below normal. Precipitation was below normal across most of State. The big exception was the northeast corner where significant rain, higher elevation snow fell. Precipitation for the drainage averaged over 1.30 in. Some areas in the Big Horn basin were also slightly above normal.

Days suitable for fieldwork 5.0. Topsoil 33% short, 67% adequate. Subsoil 59% short, 41% adequate. Spring wheat 65% planted, 59% 1991, 53% avg.; 21% emerged, 20% 1991, 17% avg. Oats 53% planted, 48% 1991, 45% avg.; 13% emerged, 13% 1991, 15% avg. Barley 85% planted, 74% 1991, 74% avg.; 51% emerged, 41% 1991, 43% avg. Sugarbeets 83% planted, 65% 1991, 69% avg.; 14% emerged, 5% 1991, 8% avg. Corn 32% planted, 5% 1991, 6% avg.; 3% emerged. Potatoes 27% planted, 30% 1991, 15% avg. Farmers preparing fields for dry bean planting. Alfalfa hay prospects mostly good. Livestock condition good to excellent. Spring calves born 87%, 84% 1991, 84% avg. Farm flock ewes lambed 92%, 94% 1991, 89% avg.; shorn 92%, 87% 1991, 85% avg. Range flock ewes lambed 37%, 49% 1991, 49% avg.; shorn 64%, 64% 1991, 62% avg. Calf, lamb death losses light to normal. Stockwater supplies 42% short, 58% adequate.

International Weather and Crop Summary HIGHLIGHTS

April 19 - 25, 1992

FORMER USSR: Unseasonably cool weather slows vegetative growth in winter grains and spring grain emergence. Moisture conditions are mostly favorable for early crop growth.

EUROPE: Very little rain falls in western and east-central crop areas, where spring rains are needed to sustain crop development.

NORTHWESTERN AFRICA: Hot, dry weather over Morocco hastens maturity in winter grains. In eastern Algeria and Tunisia, variable rain benefits immature crops.

SOUTH AFRICA: Showers boost topsoil moisture for winter wheat in eastern areas.

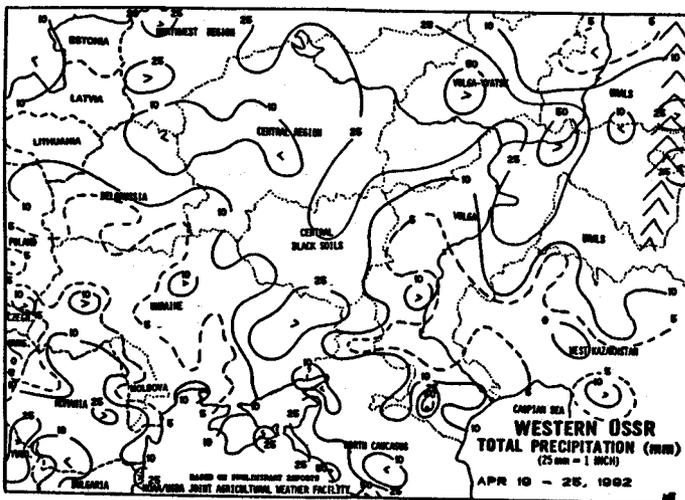
SOUTH ASIA: Winter grain and oilseed harvests progress but are slowed by rain in Pakistan.

EASTERN ASIA: Dry conditions begin to stress winter wheat across the northern wheat areas. Scattered heavy showers return to southern China, causing some additional flooding.

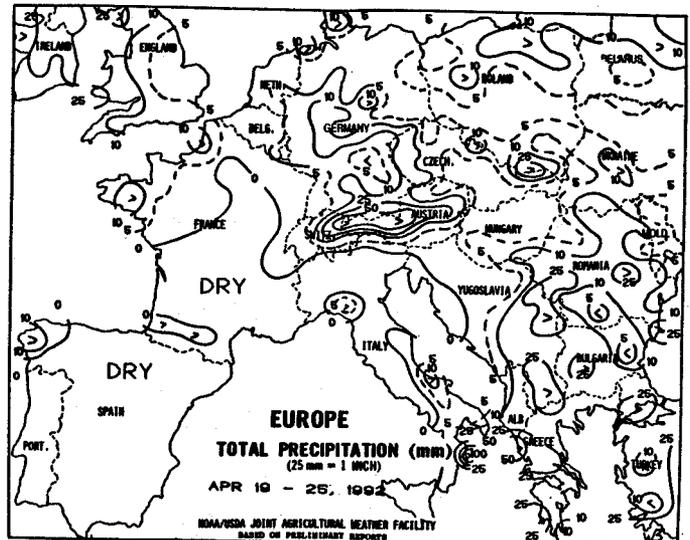
SOUTHEAST ASIA: Showers increase in Thailand but fail to reach primary corn areas.

AUSTRALIA: Showers delay summer crop harvesting, but favor topsoils for early winter grain planting.

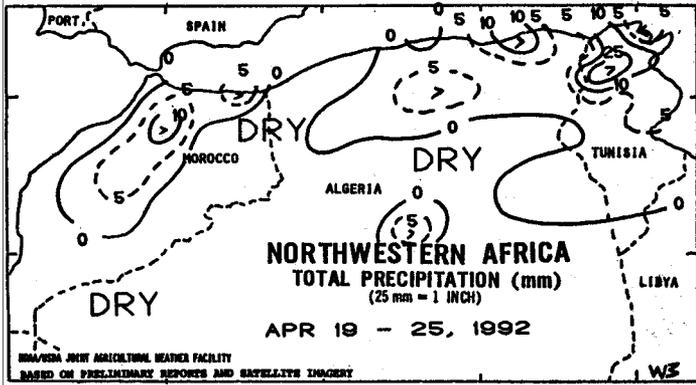
SOUTH AMERICA: Rains continue to delay soybean harvesting in southern Brazil and raise concerns about quality and damage. Showers slow summer crop harvesting across central Argentina.



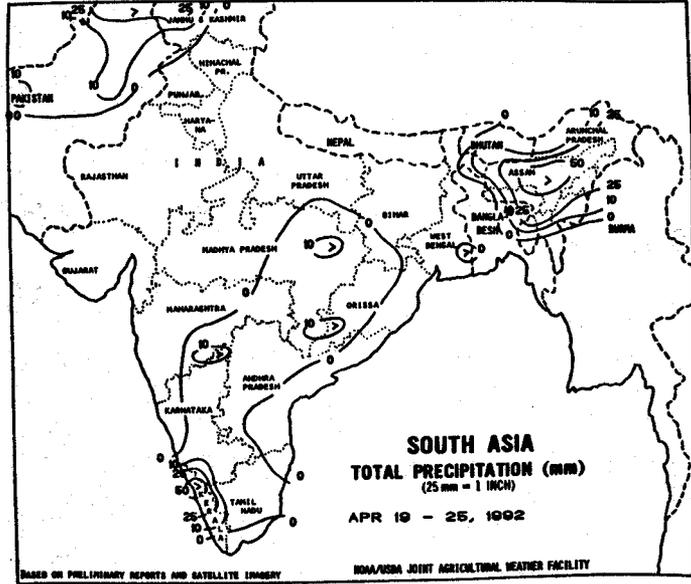
FORMER USSR: A cooling trend accompanied widespread rain and snow showers. Weekly average temperatures were 3-5 degrees Celsius (C) below normal, slowing greening in winter grains in the north and vegetative growth in the south. Variable amounts of precipitation fell over the region. Greatest amounts of moisture (25-50 mm) covered crop areas in eastern Central Region, Volga Vyatsk, upper Volga, and eastern Ukraine, providing abundant topsoil moisture for winter grains and spring grain planting. Light precipitation (generally less than 10 mm) covered western Ukraine and middle Volga. Crop areas over the remainder of the region received 10-25 mm of precipitation. Prospects for winter grains remained favorable, with adequate to abundant moisture over most areas benefiting early vegetative growth.



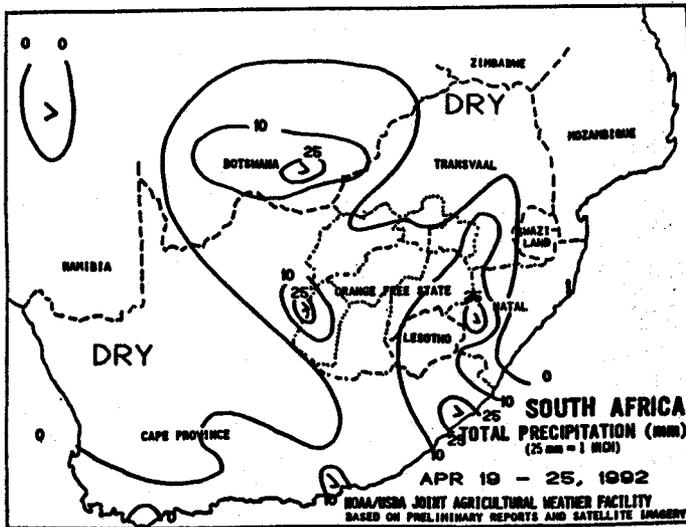
EUROPE: Dry weather prevailed over the Iberian peninsula, most of France, and northern Italy. Light showers (5 mm or less) provided little topsoil moisture in southern England and northern France, where more spring rains are needed to sustain crop development. Scattered, variable rainfall (1-16 mm) covered north-central and northeastern Europe, where moisture is adequate for winter grains just breaking into spring growth in Poland. Unfavorable dryness continued in Hungary and western Romania, where moisture is deficient for jointing winter grains. Rain is needed soon in east-central Europe for reproductive phases of development. Widespread rain (10-35 mm) benefited crop growth in southeastern Europe, from southern Romania to Greece. Weekly temperatures averaged 3-5 degrees C above normal in southwestern Europe, and 1-3 degrees C below normal in eastern Europe.



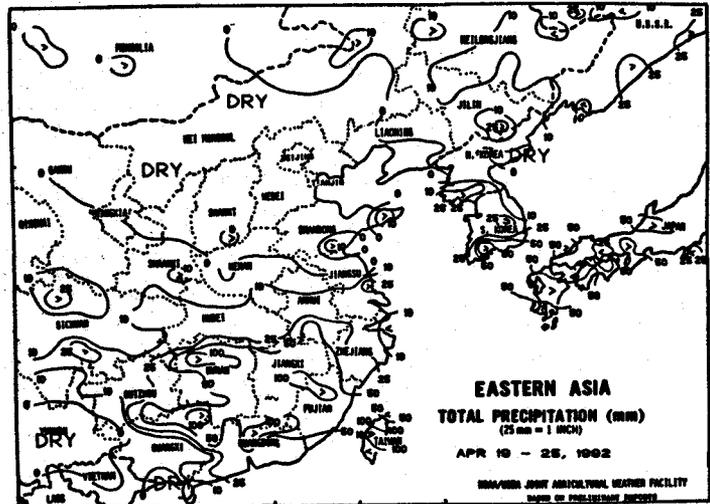
NORTHWESTERN AFRICA: Winter grains ranged from filling to maturing over the region. The combination of mostly dry weather and unusually high temperatures over Morocco hastened maturity in winter grains. Weekly average temperatures in Morocco ranged from 2 to 6 degrees C above normal, with highest temperatures (30-33 degrees C) reported over southern crop areas. Although Morocco's hot, dry weather extended into western Algeria, high temperatures (26-30 degrees C) were not as extreme. In eastern Algeria and Tunisia, near-normal temperatures and variable amounts of rainfall (5-39 mm) benefited immature crops.



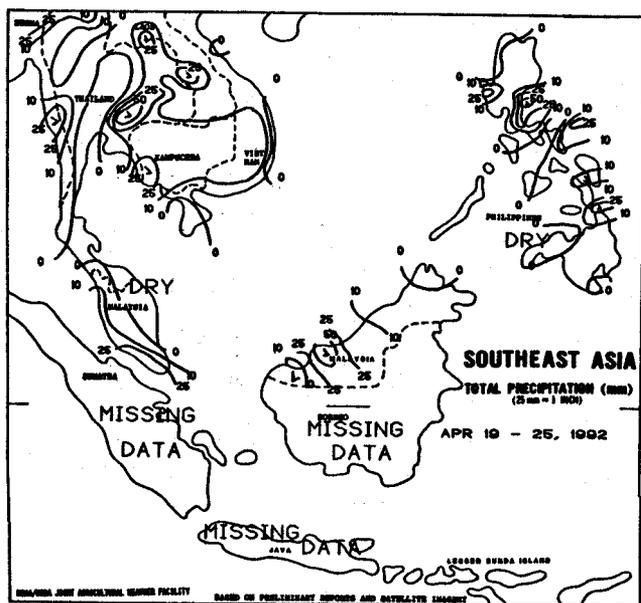
SOUTH ASIA: Harvest weather continued favorable over India's winter grain and oilseed regions, but scattered showers (1-21 mm) likely hindered fieldwork in Pakistan. Moderate to heavy showers (25-50 mm or more) continued over India's eastern rice areas and developed over Kerala, improving preplanting moisture for main season rice. Unfavorably hot weather continued in central India, with numerous reports of highs at, or exceeding, 42 degrees C.



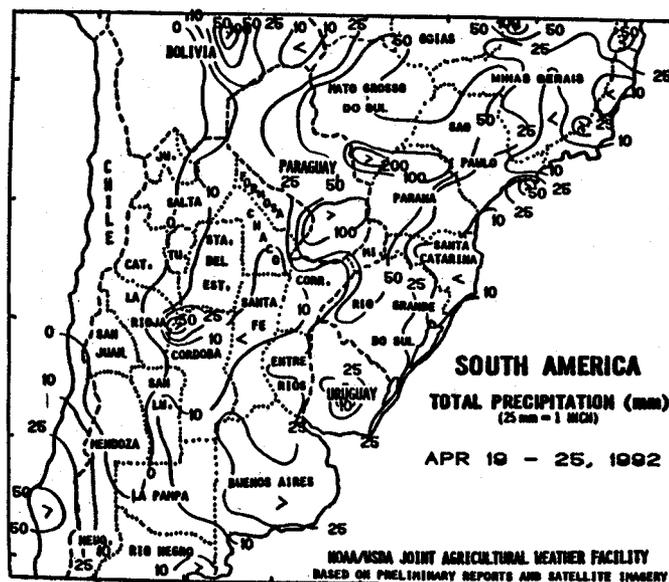
SOUTH AFRICA: Scattered showers (5-32 mm) continued in South Africa's eastern winter wheat areas, improving topsoil moisture for planting. Only light rain (1-8 mm) fell in winter wheat areas of the southern Cape Province. Dry, warm weather across the corn belt favored drydown but further depleted moisture reserves through evaporative losses.



EASTERN ASIA: Dry conditions continued across the northern wheat areas of Hebei, Shandong, and Shanxi, stressing winter wheat which is entering the moisture-sensitive heading stage. Typically, wheat enters the heading stage from mid-April to mid-May but, due to a warmer-than-normal winter, the crop is ahead of schedule. Declining yield prospects are probable without significant rain during the crucial reproductive phase of development. The affected area produces about 20-30 percent of the Chinese winter wheat. Across the southern wheat areas, north of the Yangtze river, light to moderate rain (2-25 mm) maintained favorable growing conditions for reproductive wheat. Moderate to heavy rain (50-112 mm) fell across southern China, keeping reservoir levels high and contributing to some additional flooding. Weekly temperatures averaged 1-3 degrees C above normal across most of China except for Manchuria, where temperatures averaged near normal.

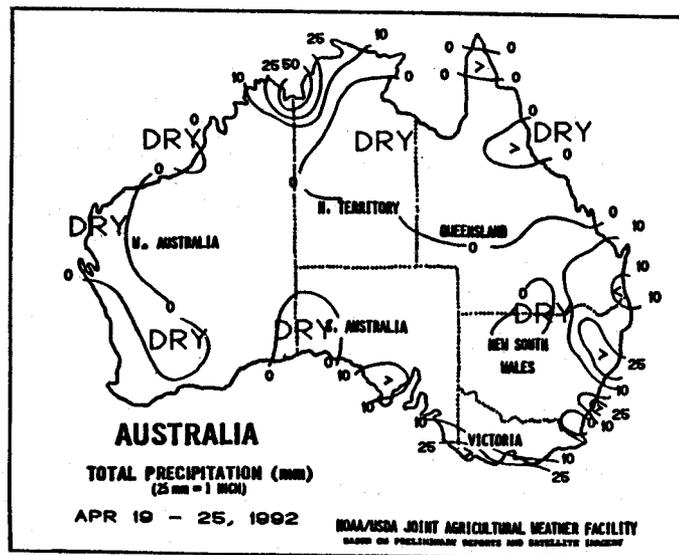


SOUTHEAST ASIA: Late-week showers (10-64 mm) in Thailand's eastern rice areas brought some relief from above-normal temperatures (2-4 degrees C above normal, highs 40-42 degrees C). Scattered showers (10-63 mm) also fell in western and northern Thailand but missed primary corn areas, where rain is needed soon for planting. Further south, rainfall continued to taper off over Malaysia and Indonesia, although many rice and oil palm areas received 25-50 mm or more. In the Philippines, only a few stations reported more than 25 mm as drier- and warmer-than-normal weather continued to plague primary crop regions throughout the islands. Main-season rice and corn planting, usually underway during April and May, will experience delays until the rainy season begins in earnest.



SOUTH AMERICA: After several days of beneficial dry weather, moderate showers (27-58 mm) across Rio Grande do Sul caused additional soybean harvest delays and flooding. Heavier rains (76-227 mm) fell across southern Mato Grosso do Sul and western Parana, delaying soybean, cotton, and corn harvesting and causing flooding with possible crop damage. Widespread rain (18-35 mm) covered southern Santa Fe, Cordoba, and most of Buenos Aires, slowing corn, soybean, sunflower, and sorghum harvesting, but benefiting soil moisture for the upcoming winter grain season. Drier weather across northern Argentina aided cotton harvesting. Heavy rain (80-131 mm) also fell across southern Paraguay, delaying cotton and soybean harvesting. Weekly temperatures averaged 2-3 degrees C above normal across southern Brazil and 1-3 degrees C below normal across central Argentina.

AUSTRALIA: Light to moderate showers (4-27 mm) fell across southern Queensland and northern New South Wales, delaying summer crop harvesting, but increasing topsoil moisture for early winter grain planting. Winter grain planting usually starts in southern Queensland during late April, then moves southward into New South Wales and Victoria, and reaches its peak from mid-May to early June. Weekly temperatures averaged near normal across the eastern crop areas.



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