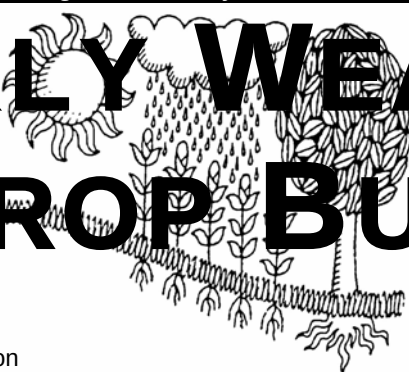
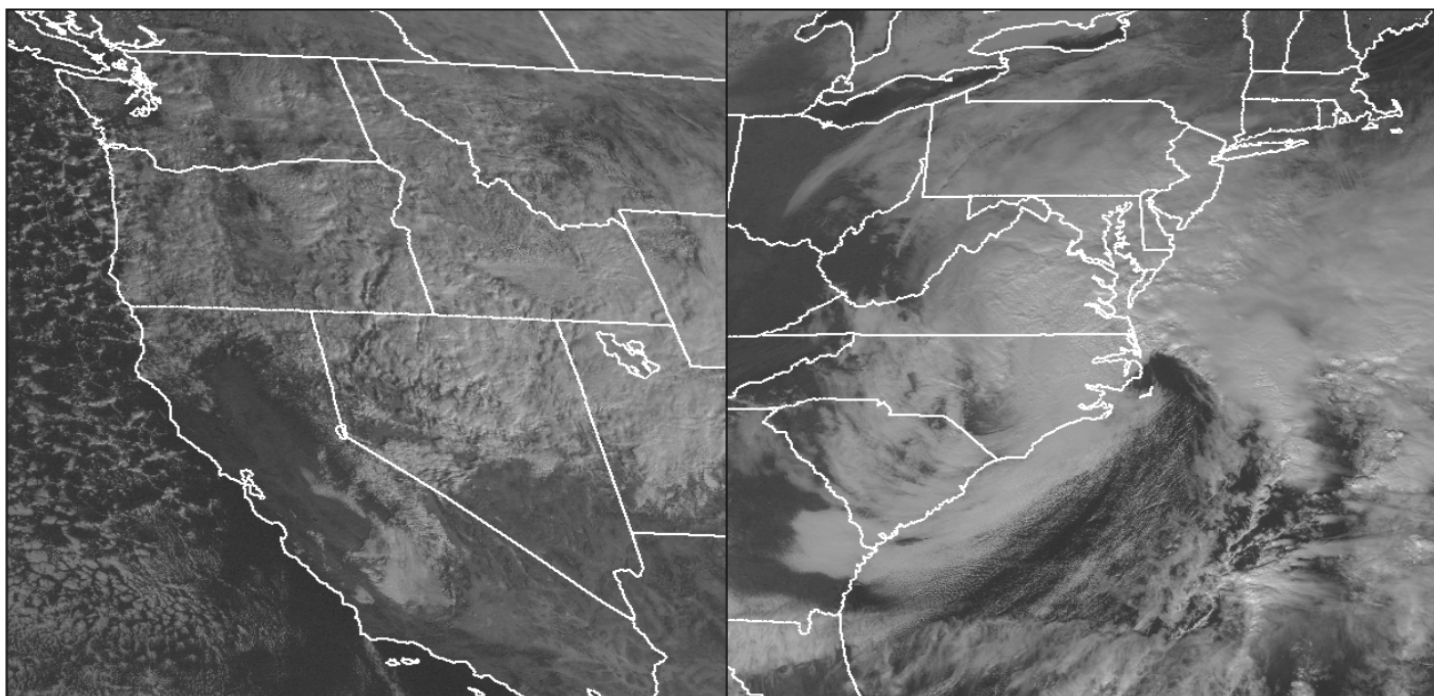


WEEKLY WEATHER AND CROP BULLETIN



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



Satellite snapshots from December 26 (9:30 a.m. PST / 12:30 p.m. EST) show stormy weather on both the Pacific and Atlantic Coasts. In fact, persistent Northwestern storminess helped to boost snow depths above 100 inches by Christmas Eve in parts of the Oregon Cascades, including Mt. Hood Meadows. Meanwhile, a compact but powerful storm lashed the Mid-Atlantic Coast on the 26th, when Norfolk, VA, recorded 1.37 inches of rain and clocked a northeasterly wind gust to 45 m.p.h.

HIGHLIGHTS December 23 - 29, 2007

Highlights provided by USDA/WAOB

A series of fast-moving storm systems maintained a broad swath of unsettled weather across the U.S. Only the **northern Plains** and an area stretching from **southern California to the Rio Grande Valley** were bypassed by the spate of storms. In fact, cool, occasionally windy weather affected southern California and the Southwest, where some producers took measures to protect temperature-sensitive winter crops. In contrast, a late-week system capped a stormy December in the **Northwest** and a wintry month from the **central and southern Rockies into the Northeast**.

(Continued on page 5)

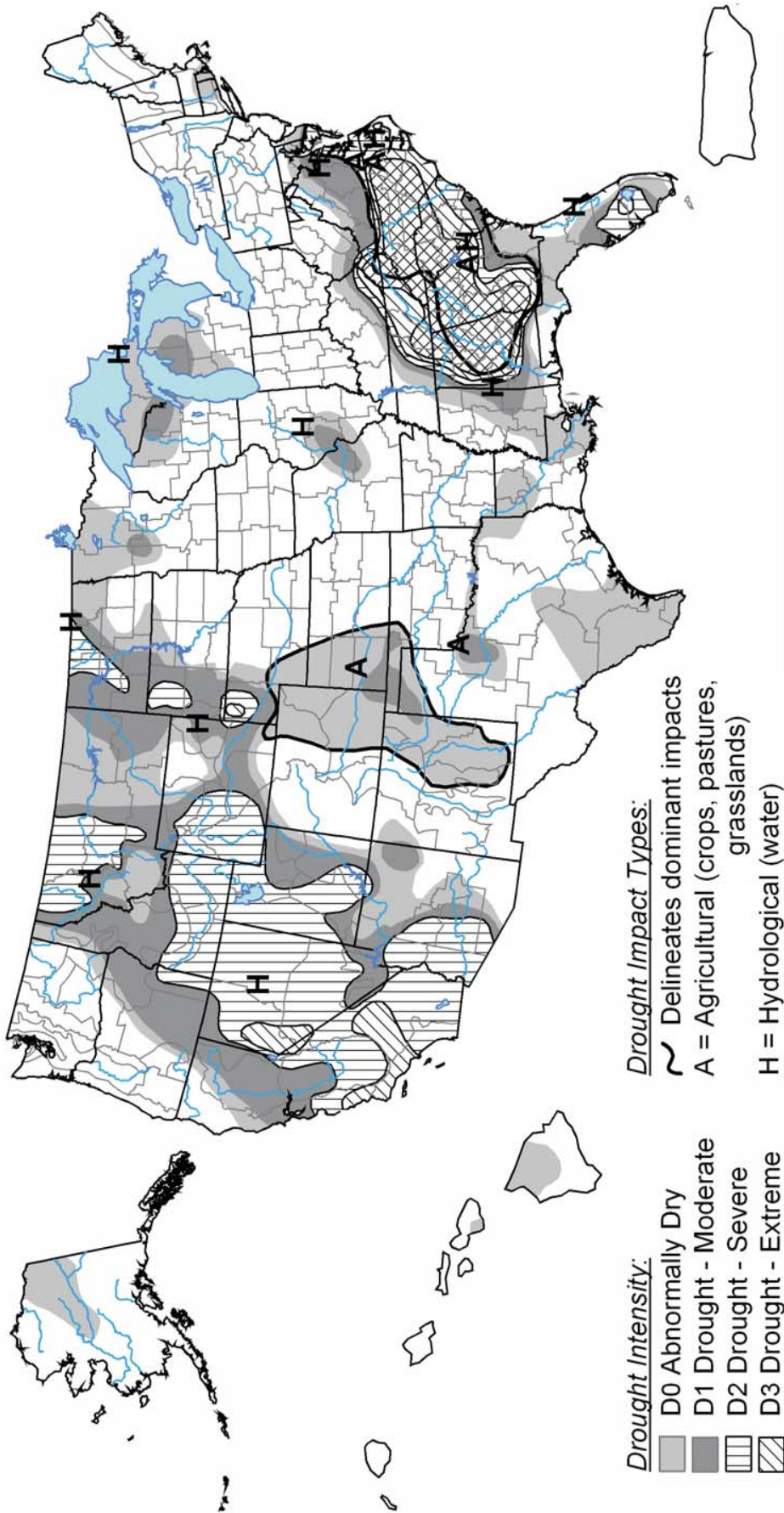
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U.S. Drought Monitor

December 25, 2007

Valid 8 a.m. EDT



The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary.

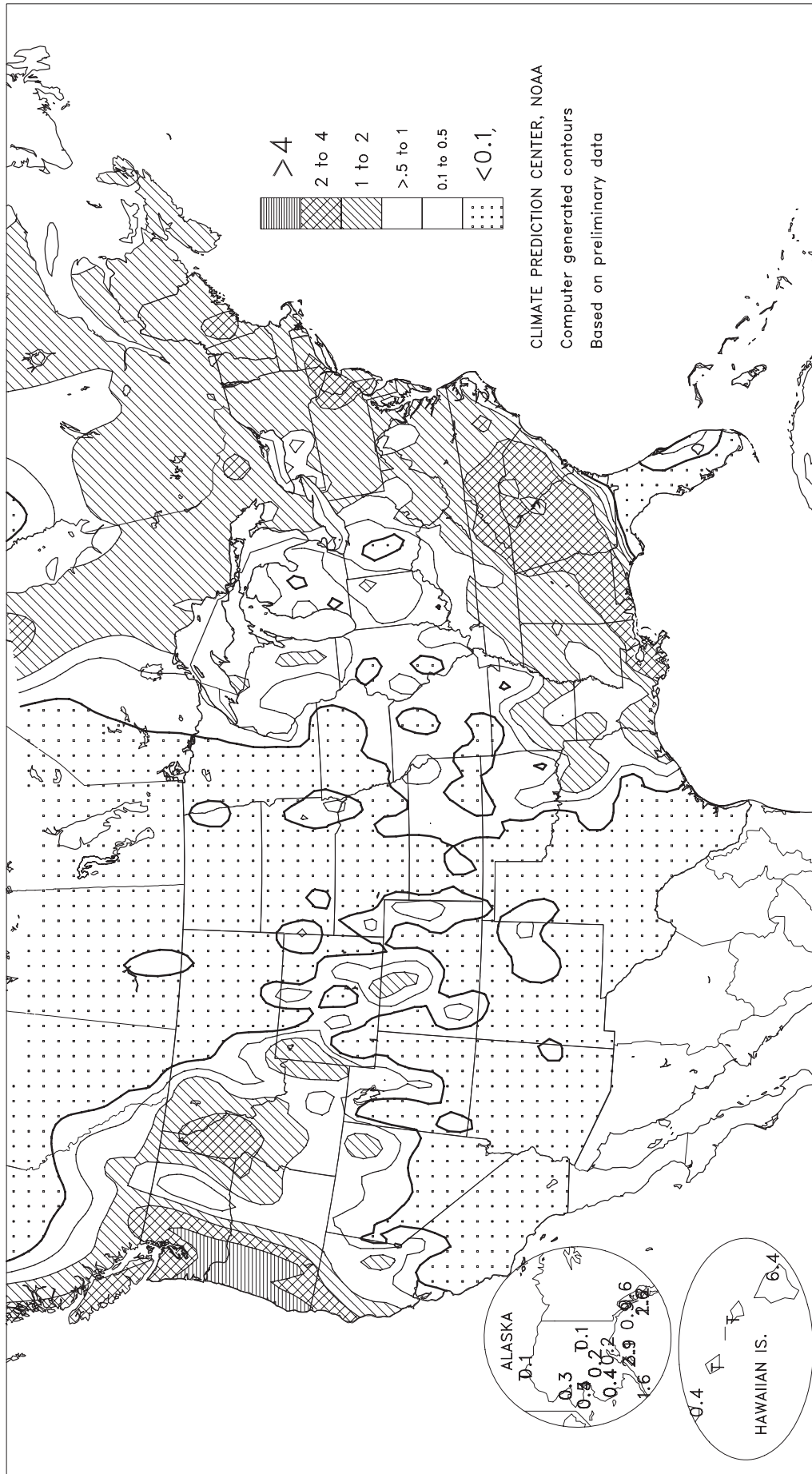
<http://drought.unl.edu/dm>



Released Thursday, December 27, 2007
Author: Richard Heim, NOAA/NESDIS/NCDC

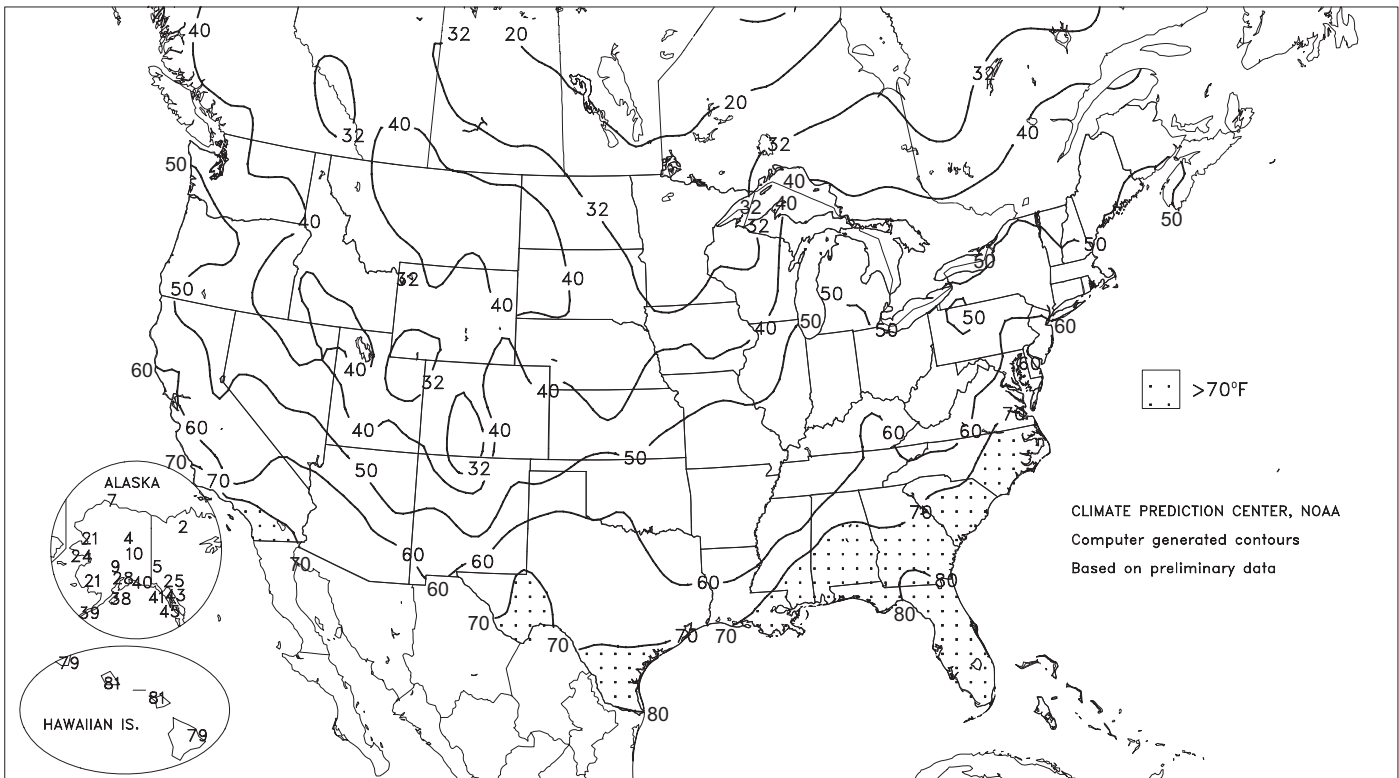
Total Precipitation (Inches)

DEC 23 - 29, 2007



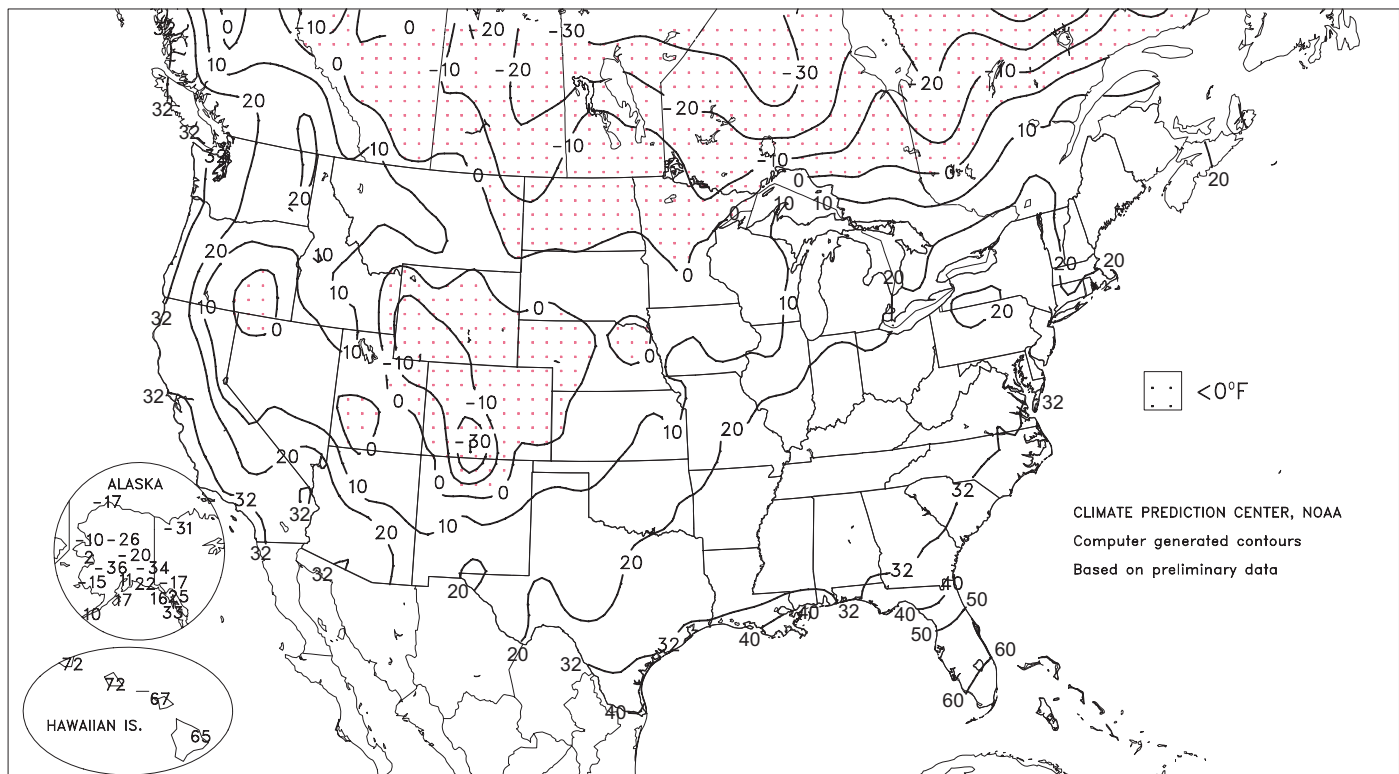
Extreme Maximum Temperature (°F)

DEC 23 - 29, 2007



Extreme Minimum Temperature (°F)

DEC 23 - 29, 2007



(Continued from front cover)

Northwestern storminess maintained soggy conditions near the **Pacific Coast** but boosted high-elevation snow packs farther inland. Late in the week, snow returned to parts of the **central and southern Plains**, increasing stress on livestock but further improving soil moisture in the winter wheat belt. By December 28, snow arrived in the **northern and western Corn Belt**, while rain developed farther south. Elsewhere, **Southeastern** winter grains and cool-season pastures continued to benefit from frequent showers, despite lingering long-term drought. Some of the week's heaviest rain fell on December 26 in the **mid-Atlantic coastal plain** and during the weekend in association with a nearly stationary front draped from the **southern mid-Atlantic States to the central Gulf Coast**.

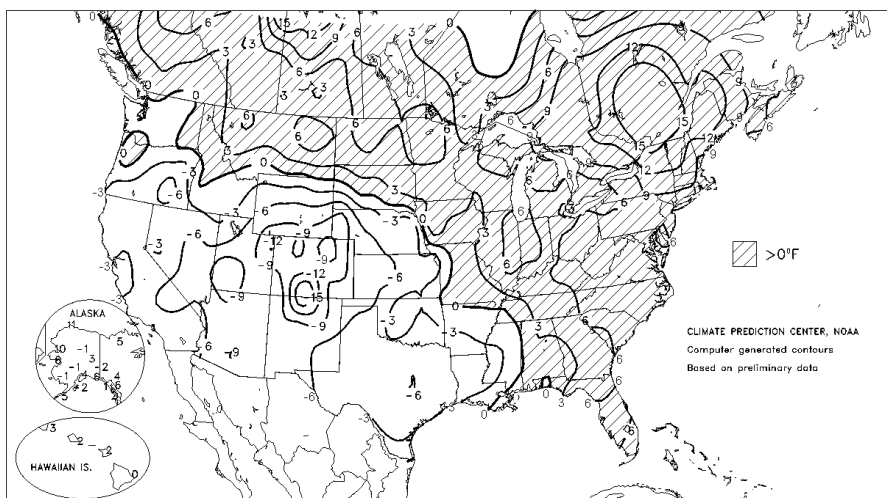
Early in the week, heavy snow lingered across the **upper Midwest**, where **La Crosse, WI**, netted 11.4 inches on December 22-23. The last time **La Crosse** received heavier snow during a December storm was December 3, 1990, when 14.4 inches fell. Elsewhere in **Wisconsin**, daily snowfall records for December 23 included 8.0 inches in **Rhineland** and 7.5 inches in **Wausau**. As much as 18 inches of snow fell in the vicinity of **Wisconsin Rapids, WI**. **Upper Midwestern** wind gusts associated with the snow storm approached 50 m.p.h. Farther east, high winds swept across the **Midwest** and **Northeast**, preceded by heavy rain showers. On December 23, daily-record rainfall totals reached 1.51 inches in **Atlantic City, NJ**, and 1.35 inches in **Williamsport, PA**, while winds were clocked at 68 m.p.h. in **Chicago (Midway), IL**, and 62 m.p.h. in **South Bend, IN**.

Farther west, heavy snow blanketed the **Northwest**, while high winds raked parts of **southern California**. In **Washington**, **Plain** received 14.0 inches of snow in a 24-hour period on December 22-23. Farther south, in the **Oregon Cascades**, more than one foot of new snow helped to boost the December 24 snow depth to 102 inches at **Mt. Hood Meadows**. Meanwhile in **southern California**, the temperature briefly spiked to a daily-record level (80°F on December 24) in **Santa Barbara**. On December 24-25, a high-wind event across **southern California** produced wind gusts in excess of 100 m.p.h. in locations such as **Thousand Oaks** (107 m.p.h.) and **Whitaker Peak** (102 m.p.h.).

Christmas Day featured snowfall totals of 5.5 inches in **Lander, WY**, and 4.1 inches in **Scottsbluff, NE**. Through December 25, **Lander's** month-to-date snowfall climbed to 34.6 inches (368 percent of normal). Meanwhile, **Denver, CO**, netted 7.8 inches of snow in an 18-hour period on December 24-25. Farther west, daily-record lows for December 26 included 0°F at the **Grand Canyon (North Rim), AZ**, and 34°F in **Camarillo, CA**, while December 27 minimum records were set at **Sandberg, CA** (20°F) and **McNary, AZ** (-2°F). With ideal radiative cooling conditions (clear skies, calm winds, and 7 inches of snow on the ground), **Alamosa, CO**, posted 3 consecutive daily-record lows (-23°F, -29°F, and -33°F) for December 27-29. In advance of a late-week storm, chilly air also invaded the **Nation's mid-section**, especially **Texas**, where **Victoria** (31°F), **Waco** (24°F), **Austin/Bergstrom** (21°F), and **San Angelo** (17°F) collected daily-record lows on December 27. Meanwhile, temperatures near the freezing mark (32°F) were reported in winter agricultural areas of **southern California** and the **Desert Southwest**, especially on December 27-

Departure of Average Temperature from Normal (°F)

DEC 23 - 29, 2007



28. Citrus trees benefited from a period of cool weather preceding the most recent cold outbreak, but some winter crop producers took protective measures to guard against freeze damage.

Around mid-week, low pressure developed along a stalled front off the **southern Atlantic Coast** and tracked northeastward, producing a quick shot of beneficial rain to drought-stricken areas of the **eastern Carolinas** and **southeastern Virginia**. December 26 totals included 1.37 inches at **Norfolk, VA**, a record 1.19 inches at **Florence, SC**, 0.91 inches at **Raleigh-Durham, NC**, and 0.76 inches at **Fayetteville, NC**. Later in the week, a system intensified in the **southern Great Plains** and tracked northward, dropping light rain (generally less than 0.5 inches) on much of the **Delta, Southeast, Tennessee** and **western Ohio Valleys**, and **mid-Atlantic**, and light to moderate snow on the **upper Midwest**. **Milwaukee, WI**, set a December 28 snowfall record of 5.5 inches. As the low moved into **southeastern Canada**, its trailing cold front stalled across the **Southeast**. Waves of low pressure formed along the front, bringing beneficial showers and thunderstorms to portions of the **Southeast** starting on Friday and continuing into Sunday. **Atlanta, GA**, received 1.23 inches on December 28 while **Albany, GA**, recorded 2.28 inches a day later. 2-day rainfall totals (Dec. 28-29) included 2.89 inches at **Dothan, AL**, and 1.93 inches at **Mobile, AL**. Ahead of the front, new daily record highs were tied or set for December 28 at **Miami, FL** (83°F), and **Macon, GA** (76°F), and on December 29 at **New Bern, NC** (78°F), **Orlando, FL** (84°F), and **Key West, FL** (82°F).

Warm weather prevailed in **Hawaii**, with showers continuing in windward locations. On the **Big Island**, **Hilo** received 3.57 inches of rain from December 23-26, and another 2.92 inches from December 27-29, lifting its month-to-date total to 17.35 inches (175 percent of normal). Rainfall was particularly heavy on December 24-25, when 24-hour **Big Island** totals reached 5.45 inches in **Glenwood** and 3.43 inches in **Mountain View**. Elsewhere on the **Big Island**, about 6 inches of snow whitened the summit of **Mauna Kea** on December 24-25, with some drifting snow reported on Christmas morning. Farther north, **Alaskan** weekly temperatures moderated from last week's bitterly cold readings, generally averaging within 5°F of normal, but Arctic air was still to be found. **McGrath** plunged to -36°F on December 26 while **Northway** dropped to -34°F a day later. Some stormy weather affected **southern Alaska**, where **Kodiak** tallied a daily-record snowfall (14.7 inches) on December 24.

National Weather Data for Selected Cities

Weather Data for the Week Ending December 29, 2007

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

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 DEC01	PCT. NORMAL SINCE DEC01	TOTAL IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.		
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
AL	BIRMINGHAM	56	38	70	26	47	3	0.72	-0.31	0.45	1.75	43	30.72	57	91	51	0	2	2	0	
	HUNTSVILLE	54	35	62	25	44	3	1.22	-0.01	0.91	1.77	34	29.28	51	91	62	0	4	4	1	
	MOBILE	60	41	73	33	51	0	2.78	1.77	1.09	6.89	161	54.11	82	84	66	0	0	6	2	
AK	MONTGOMERY	56	40	77	25	48	1	0.57	-0.46	0.26	1.60	35	35.79	66	92	60	0	2	5	0	
	ANCHORAGE	25	16	28	11	21	4	0.17	-0.04	0.13	0.52	55	15.22	95	77	64	0	7	4	0	
	BARROW	4	-7	7	-17	-1	11	0.02	0.02	0.02	0.06	600	2.39	59	86	77	0	7	1	0	
AZ	FAIRBANKS	4	-13	10	-20	-4	4	0.01	-0.15	0.01	0.26	40	11.26	110	83	76	0	7	1	0	
	JUNEAU	36	30	43	25	33	5	0.54	-0.68	0.22	3.67	73	59.88	103	94	76	0	3	6	0	
	KODIAK	34	22	38	17	28	-2	2.93	1.10	1.82	9.72	138	88.23	118	73	58	0	6	6	2	
AR	NOME	16	9	24	2	12	5	0.43	0.24	0.11	1.41	157	14.30	87	89	73	0	7	6	0	
	FLAGSTAFF	36	8	50	1	22	-7	0.01	-0.40	0.01	4.61	281	17.77	78	74	28	0	7	1	0	
	PHOENIX	59	38	67	36	48	-5	0.00	-0.22	0.00	1.32	165	5.32	65	54	29	0	0	0	0	
CA	PRESCOTT	45	19	60	15	32	-4	0.00	-0.28	0.00	1.82	158	13.20	69	61	19	0	7	0	0	
	TUCSON	57	30	69	25	43	-8	0.00	-0.25	0.00	0.94	103	10.05	83	52	33	0	5	0	0	
	FORT SMITH	47	28	58	22	38	-1	0.23	-0.37	0.13	3.59	113	45.94	105	87	50	0	6	2	0	
CO	LITTLE ROCK	48	29	55	27	39	-2	0.69	-0.20	0.36	5.03	114	44.47	88	90	53	0	6	2	0	
	BAKERSFIELD	51	33	58	29	42	-4	0.01	-0.18	0.01	0.36	55	2.99	47	82	64	0	3	1	0	
	FRESNO	49	35	55	28	42	-2	0.04	-0.30	0.02	2.34	200	7.06	64	88	80	0	1	3	0	
CT	LOS ANGELES	63	49	72	46	56	-1	0.00	-0.46	0.00	1.94	122	5.29	41	41	26	0	0	0	0	
	REDDING	49	34	59	26	41	-4	0.69	-0.48	0.35	5.03	119	21.81	66	84	67	0	2	5	0	
	SACRAMENTO	51	36	57	32	44	-1	0.16	-0.44	0.10	3.33	151	11.90	67	91	46	0	2	3	0	
DE	SAN DIEGO	62	45	72	42	53	-4	0.02	-0.33	0.02	1.13	100	4.78	45	60	39	0	0	1	0	
	SAN FRANCISCO	54	42	57	38	48	-1	0.43	-0.29	0.23	3.35	129	12.41	63	85	58	0	0	5	0	
	STOCKTON	52	36	58	29	44	0	0.07	-0.36	0.03	1.74	107	8.25	60	87	69	0	1	3	0	
FL	ALAMOSA	15	-24	25	-33	-4	-19	0.06	0.00	0.06	1.22	508	9.71	136	80	72	0	7	1	0	
	CO SPRINGS	32	11	42	5	22	-6	0.01	-0.08	0.01	0.44	142	11.67	68	79	34	0	7	1	0	
	DENVER INTL	32	9	49	0	20	-8	0.12	0.06	0.10	0.52	226	13.89	103	83	55	0	7	3	0	
GA	GRAND JUNCTION	28	9	36	-2	18	-8	0.14	0.03	0.07	2.10	512	10.01	113	78	63	0	7	4	0	
	PUEBLO	37	8	46	-4	23	-6	0.02	-0.06	0.02	0.52	168	13.23	107	73	47	0	7	1	0	
	BRIDGEPORT	49	34	58	26	41	9	1.61	0.82	0.65	3.94	124	41.30	94	78	54	0	3	5	1	
HI	HARTFORD	44	27	55	19	36	8	1.26	0.46	0.61	3.82	116	39.86	87	86	68	0	6	5	1	
	WASHINGTON	53	37	64	35	45	8	1.21	0.51	0.55	3.11	111	32.78	84	81	53	0	0	4	1	
	WILMINGTON	49	33	64	27	41	7	1.32	0.56	0.54	4.41	141	41.41	97	90	52	0	4	5	1	
ID	DAYTONA BEACH	75	59	82	53	67	8	0.29	-0.33	0.14	2.39	97	45.58	93	93	57	0	0	3	0	
	JACKSONVILLE	70	46	81	39	58	5	0.04	-0.59	0.04	2.46	103	45.73	88	98	61	0	0	1	0	
	KEY WEST	80	69	82	59	74	3	0.02	-0.48	0.01	0.90	47	38.74	100	84	68	0	0	2	0	
IL	MIAMI	81	68	84	65	75	6	0.12	-0.31	0.06	1.01	51	66.04	113	86	57	0	0	2	0	
	ORLANDO	78	59	84	52	69	7	0.44	-0.06	0.42	1.08	51	38.53	80	99	69	0	0	3	0	
	PENSACOLA	63	46	74	38	55	2	1.02	0.08	0.37	5.54	153	57.95	91	89	65	0	0	7	0	
IA	TALLAHASSEE	66	47	79	34	56	4	0.33	-0.69	0.26	2.98	80	44.50	71	94	67	0	0	4	0	
	TAMPA	77	61	81	57	69	7	0.00	-0.48	0.00	1.68	80	42.42	95	93	61	0	0	0	0	
	WEST PALM BEACH	80	66	82	63	73	6	0.38	-0.22	0.36	1.67	58	63.81	104	90	64	0	0	2	0	
IN	ATHENS	58	40	64	31	49	6	2.04	1.16	0.88	4.35	128	30.58	64	82	62	0	1	5	2	
	ATLANTA	56	41	69	31	48	5	2.16	1.30	1.25	3.52	101	30.82	62	84	66	0	1	6	2	
	AUGUSTA	62	40	78	26	51	6	1.61	0.79	0.82	5.43	191	31.93	72	96	72	0	1	4	2	
KS	COLUMBUS	56	42	71	32	49	2	1.30	0.32	0.47	3.24	80	37.22	77	94	56	0	1	5	0	
	MACON	62	42	76	30	52	6	1.28	0.34	0.64	4.60	128	37.64	84	89	56	0	1	5	1	
	SAVANNAH	64	45	76	37	55	5	1.10	0.36	0.95	9.53	378	50.09	102	95	74	0	0	3	1	
LA	HILO	77	66	79	65	71	-1	6.42	4.46	1.20	17.19	174	106.28	85	88	84	0	0	7	7	
	HONOLULU	80	72	81	72	76	2	0.03	-0.63	0.03	2.96	113	11.90	66	72	68	0	0	1	0	
	KAHULUI	79	70	81	67	75	2	0.01	-0.76	0.01	6.47	232	12.76	69	85	75	0	0	1	0	
MT	LIHUE	78	72	79	72	75	3	0.39	-0.68	0.19	4.69	107	20.92	53	77	71	0	0	5	0	
	BOISE	36	25	44	19	30	1	0.34	0.06	0.13	1.29	105	8.27	69	81	70	0	7	5	0	
	LEWISTON	43	32	47	27	37	4	0.16	-0.06	0.15	0.37	40	7.89	63	72	59	0	3	2	0	
NE	POCATELLO	27	18	39	12	22	-2	0.11	-0.13	0.07	1.13	118	10.59	85	83	72	0	7	4	0	
	CHICAGO/O'HARE	40	23	52	14	31	7	0.66	0.20	0.28	3.61	161	36.28	101	87	70	0	7	4	0	
	MOLINE	33	20	43	11	27	4	0.54	0.11	0.38	3.52	174	42.18	111	83	72	0	7	4	0	
ND	PEORIA	37	23	45	14	30	5	0.48	0.05	0.24	3.18	143	36.78	103	88	69	0	7	4	0	
	ROCKFORD	36	21	47	11	28	7	0.70	0.33	0.34	3.44	181	38.15	105	85	75	0	7	4	0	
	SPRINGFIELD	39	26	49	19	32	5	0.30	-0.19	0.15	3.72	158	33.09	94	91	61	0	7	3	0	
OK	EVANSVILLE	46	29	55	23	38	5	0.55	-0.12	0.33	6.61	200	38.07	86	87	59	0	5	3	0	
	FORT WAYNE	39	26	52	21	32	6	1.01	0.46	0.39	4.47	175	40.30	111	87	68	0	7	4	0	
	INDIANAPOLIS	43	28	54	23	36	7	0.73	0.14	0.23	6.01	215	37.44	92	88	63	0	5	4	0	
OR	SOUTH BEND	39	24	53	18	32	6	0.48	-0.13	0.30	2.97	103	40.22	102	84	67	0	7	4	0	
	BURLINGTON	33	20	43	12	27	2	0.55	0.18	0.33	2.95	152	38.78	103	91	68	0	7	3	0	
	CEDAR RAPIDS	28	14	39	5	21	1	0.19	-0.06	0.14	3.14	233	39.40	118	98	77	0	7	4	0	
SD	DES MOINES	30	18	43	10	24	2	0.17	-0.07	0.14	2.68	223	41.55	120	91	78	0	7	3	0	
	DUBUQUE	29	15	36	6	22	3	0.38	0.08	0.28	4.99	324	42.35	120	89	80	0	7	3	0	
	SIOUX CITY	25	10	35</																	

Weather Data for the Week Ending December 29, 2007

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 DEC01	PCT. NORMAL SINCE DEC01	TOTAL IN, SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP			
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE		
KY	WICHITA	34	20	44	9	27	-4	0.06	-0.21	0.04	2.35	193	37.84	125	86	74	0	7	2	0		
	JACKSON	51	34	59	30	42	6	0.95	0.08	0.62	5.29	133	35.40	72	81	50	0	3	4	1		
	LEXINGTON	48	31	58	25	40	6	0.65	-0.22	0.27	7.44	201	44.59	98	86	64	0	4	4	0		
	LOUISVILLE	50	33	59	28	41	6	0.55	-0.22	0.33	8.04	236	45.50	103	79	49	0	4	4	0		
LA	PADUCAH	48	28	57	23	38	4	0.58	-0.25	0.27	8.62	210	44.80	91	85	52	0	6	3	0		
	BATON ROUGE	59	41	69	32	50	-1	0.30	-0.90	0.19	3.29	68	52.59	84	86	49	0	1	3	0		
	LAKE CHARLES	58	39	66	31	49	-3	2.29	1.22	1.27	3.18	76	67.72	119	81	43	0	1	3	2		
	NEW ORLEANS	61	46	79	40	54	1	1.53	0.47	0.87	3.84	82	52.50	82	85	73	0	0	4	1		
ME	SHREVEPORT	51	31	58	24	41	-6	1.43	0.44	1.35	4.65	111	47.64	94	84	44	0	4	2	1		
	CARIBOU	34	18	46	15	26	13	1.14	0.42	0.36	12.03	411	49.24	132	92	72	0	7	5	0		
MD	PORTLAND	42	27	49	16	34	9	1.14	0.21	0.52	3.31	84	45.57	100	89	61	0	5	4	1		
	BALTIMORE	51	32	63	28	41	7	1.50	0.74	0.56	3.76	123	34.71	83	89	55	0	5	4	2		
MA	BOSTON	46	33	53	27	39	7	1.25	0.42	0.49	4.19	122	38.58	91	84	60	0	2	5	0		
	WORCESTER	43	29	53	23	36	10	1.27	0.40	0.73	3.97	114	42.62	87	93	64	0	7	4	1		
MI	ALPENA	35	23	44	17	29	8	0.56	0.16	0.39	1.70	104	26.21	93	92	76	0	7	2	0		
	GRAND RAPIDS	38	24	52	18	31	6	0.81	0.32	0.41	2.93	117	32.96	89	87	71	0	7	5	0		
	HOUGHTON LAKE	33	21	43	15	27	6	0.59	0.23	0.26	1.93	122	24.67	87	89	82	0	7	4	0		
	LANSING	36	22	50	19	29	5	0.54	0.15	0.27	2.52	125	31.95	102	86	76	0	7	4	0		
MN	MUSKEGON	38	25	52	19	32	6	0.67	0.15	0.29	2.89	119	29.62	91	82	71	0	7	5	0		
	TRAVERSE CITY	36	24	47	18	30	6	0.50	-0.11	0.35	1.45	60	20.25	61	92	70	0	7	5	0		
	DULUTH	22	10	29	4	16	5	0.89	0.75	0.63	2.49	304	30.08	97	87	82	0	7	4	1		
	INT'L FALLS	18	4	24	-13	11	6	0.09	-0.03	0.05	1.19	198	25.20	106	88	76	0	7	5	0		
MS	MINNEAPOLIS	23	15	28	3	19	4	0.42	0.23	0.15	1.75	197	34.62	118	87	77	0	7	4	0		
	ROCHESTER	24	16	33	4	20	6	0.15	-0.02	0.07	1.10	121	41.09	131	85	78	0	7	3	0		
	ST. CLOUD	21	13	27	0	17	6	0.16	0.02	0.13	1.13	185	25.95	96	90	75	0	7	2	0		
	JACKSON	55	33	64	25	44	-2	0.53	-0.67	0.32	3.53	71	35.09	63	91	50	0	4	2	0		
MO	MERIDIAN	56	33	72	24	45	-2	0.24	-0.95	0.16	2.48	51	35.28	61	93	61	0	4	3	0		
	TUPELO	52	31	55	24	42	1	0.69	-0.64	0.54	2.49	44	40.95	74	89	59	0	5	2	1		
	COLUMBIA	39	25	51	18	32	3	0.25	-0.17	0.14	3.42	149	32.84	82	85	61	0	7	3	0		
	KANSAS CITY	34	19	47	13	27	-2	0.47	0.18	0.21	3.07	205	33.83	89	82	63	0	7	3	0		
MT	SAINT LOUIS	43	29	52	24	36	5	0.20	-0.32	0.13	2.87	108	30.70	80	77	55	0	6	3	0		
	SPRINGFIELD	42	25	52	19	34	1	0.24	-0.28	0.14	3.77	127	44.44	99	86	64	0	6	3	0		
	BILLINGS	35	21	41	13	28	3	0.06	-0.10	0.06	0.26	46	16.45	112	61	39	0	7	1	0		
	BUTTE	27	10	34	-2	18	1	0.07	-0.04	0.05	0.22	48	12.74	100	84	47	0	7	3	0		
NE	CUT BANK	35	19	42	13	27	7	0.00	-0.06	0.00	0.01	4	5.47	44	73	40	0	7	0	0		
	GLASGOW	32	12	43	5	22	9	0.02	-0.06	0.01	0.09	31	14.69	132	86	73	0	7	2	0		
	GREAT FALLS	37	20	44	16	29	6	0.00	-0.17	0.00	0.07	13	11.96	81	61	37	0	7	0	0		
	HAVRE	36	14	44	0	25	8	0.01	-0.10	0.01	0.21	49	12.09	106	79	67	0	7	1	0		
NV	MISSOULA	35	24	38	22	29	7	0.14	-0.11	0.07	0.61	60	10.42	76	87	68	0	7	5	0		
	GRAND ISLAND	29	11	35	4	20	-3	0.06	-0.05	0.03	1.54	266	39.00	151	88	73	0	7	4	0		
	LINCOLN	32	15	43	10	24	0	0.02	-0.12	0.01	2.11	285	35.41	125	83	68	0	7	2	0		
	NORFOLK	26	6	33	-8	16	-6	0.17	0.08	0.12	2.69	480	39.88	150	85	78	0	7	3	0		
NH	NORTH PLATTE	31	4	38	-4	17	-7	0.14	0.06	0.12	0.80	235	24.36	124	92	65	0	7	3	0		
	OMAHA	30	13	42	8	21	-2	0.01	-0.13	0.01	1.80	222	39.56	131	85	71	0	7	1	0		
	SCOTTSBLUFF	27	1	39	-6	14	-10	0.57	0.46	0.24	1.60	327	10.21	63	87	75	0	7	4	0		
	VALENTINE	31	6	40	-2	19	-3	0.18	0.12	0.17	1.10	407	26.16	134	83	67	0	7	2	0		
NJ	ELY	31	7	48	-1	19	-6	0.07	-0.05	0.03	0.58	145	6.64	67	81	65	0	7	4	0		
	LAS VEGAS	50	33	58	29	42	-4	0.00	-0.08	0.00	0.07	23	2.83	64	39	24	0	4	0	0		
	RENO	42	23	56	14	32	0	0.06	-0.13	0.03	1.06	133	3.76	51	79	59	0	7	4	0		
	WINNEMUCCA	34	15	42	2	25	-4	0.35	0.18	0.12	1.84	267	7.86	96	83	70	0	7	6	0		
NM	CONCORD	42	24	49	12	33	10	1.04	0.41	0.47	3.99	147	41.34	111	89	65	0	7	3	0		
	NEWARK	49	34	62	29	41	7	1.93	1.13	0.69	4.13	126	53.88	117	80	54	0	2	5	3		
NY	ALBUQUERQUE	38	19	45	11	29	-6	0.00	-0.11	0.00	1.17	300	10.26	109	62	32	0	7	0	0		
	ALBANY	40	31	51	23	36	11	0.81	0.26	0.50	4.05	166	44.55	118	87	62	0	3	3	1		
NC	BINGHAMTON	39	29	54	23	34	9	0.89	0.30	0.72	3.52	125	40.02	104	88	70	0	7	4	1		
	BUFFALO	40	28	53	24	34	7	0.74	-0.04	0.41	4.10	116	35.02	87	89	69	0	6	5	0		
	ROCHESTER	41	29	53	21	35	8	0.50	-0.06	0.37	3.30	131	31.14	92	82	67	0	5	4	0		
	SYRACUSE	41	30	53	21	35	9	1.14	0.55	0.77	4.69	162	40.63	102	87	64	0	5	5	1		
ND	ASHEVILLE	54	35	61	30	45	8	2.05	1.29	0.96	3.45	112	33.78	72	84	63	0	3	4	2		
	CHARLOTTE	57	40	66	27	49	7	1.52	0.76	0.73	3.03	105	27.41	63	88	56	0	1	5	1		
	GREENSBORO	56	37	62	32	47	8	1.41	0.71	0.60	2.11	76	30.41	71	84	50	0	1	4	1		
	HATTERAS	62	46	69	39	54	6	0.62	-0.52	0.27	3.38	81	36.66	64	93	69	0	0	5	0		
OH	RALEIGH	59	39	71	31	49	8	1.24	0.51	0.91	2.54	92	33.96	79	89	66	0	2	4	1		
	WILMINGTON	64	42	77	36	53	6	0.52	-0.35	0.43	3.04	88	33.50	59	100	56	0	0	3	0		
	BISMARCK	27	11	37	-6	19	7	0.01	-0.07	0.01	0.21	60	19.16	114	87	81	0	7	1	0		
	DICKINSON	33	8	44	-3	21	5	0.00	-0.06	0.00	0.02	7	16.62	102	87	53	0	7	0	0		
OH	FARGO	20	11	29	3	16	7	0.18	0.05	0.08	1.55	323	26.05	123	91	82	0	7	6	0		
	GRAND FORKS	19	10	29	-3	15	7	1.71	1.60	0.82	2.2											

Weather Data for the Week Ending December 29, 2007

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 DEC01	PCT. NORMAL SINCE DEC01	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK	TOLEDO	38	23	52	16	31	5	0.65	0.14	0.29	3.51	144	36.49	111	88	75	0	7	3	0
	YOUNGSTOWN	41	27	51	22	34	6	0.94	0.37	0.64	5.79	211	40.01	106	86	70	0	6	3	1
	OKLAHOMA CITY	45	26	58	14	36	-1	0.11	-0.29	0.05	4.71	277	59.65	167	81	52	0	5	3	0
OR	TULSA	46	27	57	21	36	-1	0.14	-0.29	0.12	3.30	147	52.55	124	81	59	0	6	2	0
	ASTORIA	47	35	53	31	41	-1	3.89	1.70	1.98	12.01	128	64.23	97	92	78	0	1	7	2
	BURNS	30	6	37	-5	18	-6	0.39	0.11	0.14	1.32	116	8.91	86	90	81	0	7	5	0
PA	EUGENE	45	35	54	28	40	1	1.73	0.02	0.78	6.76	87	34.30	68	96	92	0	3	7	1
	MEDFORD	39	31	45	25	35	-2	0.87	0.29	0.28	2.83	106	17.16	95	94	80	0	5	7	0
	PENDLETON	43	31	54	25	37	4	0.33	0.03	0.08	1.59	120	11.48	91	77	65	0	4	5	0
	PORTLAND	44	37	54	33	40	1	2.06	0.88	0.82	7.39	139	32.28	88	95	87	0	0	7	1
	SALEM	44	35	54	30	40	1	2.11	0.78	0.88	8.25	137	36.25	92	96	90	0	2	7	1
	ALLENTOWN	46	29	61	21	37	8	1.46	0.72	0.76	4.47	144	44.90	100	86	59	0	5	5	1
	ERIE	41	28	53	22	35	5	0.78	0.06	0.51	4.72	136	41.75	98	85	69	0	6	3	1
	MIDDLETOWN	47	31	62	26	39	8	1.12	0.48	0.55	4.53	151	42.08	105	96	55	0	5	4	1
	PHILADELPHIA	49	35	62	30	42	7	1.04	0.30	0.38	3.95	131	41.71	100	85	58	0	3	4	0
	PITTSBURGH	46	29	55	25	37	7	0.85	0.27	0.44	4.23	161	40.71	108	82	58	0	6	3	0
RI	WILKES-BARRE	43	30	59	23	37	8	1.02	0.52	0.64	3.63	154	43.38	116	86	58	0	4	4	1
	WILLIAMSPORT	43	30	59	22	37	9	1.58	1.00	1.35	4.41	162	36.40	88	82	64	0	4	4	1
	PROVIDENCE	48	31	57	23	40	9	1.13	0.21	0.67	4.27	112	42.46	92	81	62	0	3	4	1
SC	BEAUFORT	64	44	75	37	54	5	0.64	-0.15	0.43	3.71	133	36.96	75	97	62	0	0	4	0
	CHARLESTON	66	45	75	37	56	7	1.38	0.58	0.55	4.10	140	41.77	82	94	60	0	0	4	1
	COLUMBIA	61	41	69	30	51	6	0.77	-0.09	0.33	3.89	128	29.61	62	94	67	0	1	4	0
SD	GREENVILLE	58	40	68	32	49	7	2.18	1.27	0.94	3.79	107	29.72	60	85	47	0	1	5	3
	ABERDEEN	23	11	32	4	17	4	0.10	0.02	0.03	0.93	332	28.39	141	90	83	0	7	4	0
	HURON	26	13	35	2	19	3	0.11	0.03	0.05	0.64	213	30.83	148	87	77	0	7	3	0
TN	RAPID CITY	32	10	43	6	21	-2	0.09	0.01	0.04	0.63	210	13.41	81	84	57	0	7	4	0
	SIoux FALLS	26	13	34	6	20	4	0.57	0.49	0.46	1.47	342	31.76	129	86	78	0	7	2	0
	BRISTOL	53	30	58	26	42	7	1.13	0.39	0.76	3.04	97	22.37	54	93	53	0	5	2	1
	CHATTANOOGA	54	37	63	27	46	6	2.10	1.04	1.37	3.43	77	38.56	71	90	59	0	4	3	1
	KNOXVILLE	53	32	65	28	43	4	1.72	0.72	1.42	4.17	101	33.86	71	91	57	0	5	3	1
	MEMPHIS	50	32	56	29	41	0	0.88	-0.21	0.65	4.74	89	34.83	64	83	53	0	5	2	1
TX	NASHVILLE	51	34	55	25	43	5	1.05	0.11	0.93	3.76	89	35.45	74	90	51	0	3	4	1
	ABILENE	54	26	64	21	40	-4	0.00	-0.29	0.00	0.37	32	35.58	151	74	44	0	7	0	0
	AMARILLO	42	21	58	14	32	-4	0.06	-0.10	0.06	0.97	194	22.27	114	79	40	0	7	1	0
	AUSTIN	60	25	66	21	42	-9	0.05	-0.48	0.03	0.64	29	46.09	138	72	39	0	7	2	0
	BEAUMONT	60	40	69	32	50	-3	2.35	1.12	1.11	3.10	64	64.32	108	83	40	0	1	3	3
	BROWNSVILLE	71	48	80	40	60	0	0.00	-0.22	0.00	0.11	11	31.06	113	85	47	0	0	0	0
	CORPUS CHRISTI	66	43	71	35	55	-2	0.00	-0.39	0.00	0.18	11	41.57	130	80	46	0	0	0	0
	DEL RIO	***	***	***	***	***	***	***	***	***	***	***	30.87	171	***	***	***	***	***	***
	EL PASO	50	24	62	21	37	-7	0.00	-0.15	0.00	0.46	70	10.17	109	54	22	0	7	0	0
	FORT WORTH	54	33	62	24	43	-2	0.36	-0.21	0.31	2.34	100	50.04	145	75	38	0	3	2	0
	GALVESTON	62	46	70	38	54	-3	0.38	-0.41	0.29	0.84	26	50.90	117	83	49	0	0	2	0
	HOUSTON	60	37	66	31	48	-4	0.32	-0.48	0.16	2.11	62	65.30	137	83	45	0	1	2	0
	LUBBOCK	52	24	64	19	38	0	0.00	-0.12	0.00	0.94	168	23.98	129	70	42	0	7	0	0
	MIDLAND	56	25	66	18	40	-3	0.04	-0.10	0.03	0.65	114	21.46	146	64	28	0	7	2	0
	SAN ANGELO	59	21	68	16	40	-5	0.00	-0.19	0.00	0.18	22	32.08	154	72	29	0	7	0	0
	SAN ANTONIO	62	32	68	28	47	-4	0.03	-0.38	0.03	0.40	22	47.27	144	75	29	0	5	1	0
	VICTORIA	66	35	72	26	50	-4	0.15	-0.40	0.08	0.44	19	69.65	175	87	41	0	2	3	0
	WACO	56	25	63	21	40	-7	0.11	-0.45	0.08	0.80	31	48.06	145	84	49	0	7	3	0
	WICHITA FALLS	52	25	63	19	39	-2	0.02	-0.33	0.02	0.76	49	34.08	119	76	54	0	7	1	0
	SALT LAKE CITY	30	16	42	5	23	-6	0.36	0.09	0.29	3.40	315	13.59	83	83	64	0	7	4	0
	BURLINGTON	40	29	52	24	35	14	1.02	0.58	0.47	3.41	169	39.08	109	85	59	0	5	3	0
	LYNCHBURG	52	32	58	26	42	6	1.15	0.42	0.56	1.93	65	36.06	84	89	54	0	4	3	2
	NORFOLK	59	41	72	37	50	8	1.48	0.74	1.37	3.33	122	33.66	74	89	63	0	0	3	1
	RICHMOND	55	37	67	32	46	8	1.09	0.35	0.60	2.32	82	36.83	84	89	60	0	2	4	1
	ROANOKE	54	35	61	30	44	7	1.05	0.43	0.71	2.41	92	29.60	70	78	58	0	2	2	1
	WASH/DULLES	51	31	60	27	41	8	2.34	1.68	1.90	4.38	156	28.45	68	89	59	0	5	3	1
WA	OLYMPIA	42	33	49	30	38	1	2.40	0.74	0.86	11.59	157	48.58	97	92	86	0	4	7	2
	QUILLAYUTE	43	33	49	30	38	-2	3.22	0.13	0.71	14.28	105	114.37	113	92	81	0	3	7	3
	SEATTLE-TACOMA	41	35	47	32	38	-2	1.13	-0.03	0.42	9.09	173	39.00	106	89	83	0	1	5	0
	SPOKANE	32	24	36	21	28	2	0.67	0.23	0.32	3.93	191	14.22	86	96	84	0	7	7	0
	YAKIMA	36	19	45	15	28	0	0.13	-0.17	0.08	1.31	105	5.79	71	88	79	0	7	2	0
	BECKLEY	48	29	55	22	39	7	0.82	0.13	0.50	2.83	100	38.01	92	82	64	0	6	3	1
WV	CHARLESTON	53	30	61	23	42	7	0.99	0.30	0.64	5.65	184	37.61	86	87	49	0	5	3	1
	ELKINS	49	25	58	19	37	6	0.54	-0.20	0.33	5.68	179	48.59	106	94	51	0	7	4	0
	HUNTINGTON	52	32	61	24	42	8	0.96	0.22	0.52	6.21	200	34.80	83	85	53	0	3	3	1
WI	EAU CLAIRE	24	15	31	6	19	5	0.26	0.07	0.09	1.47	158	29.79	93	91	75	0	7	4	0
	GREEN BAY	33	15	46	11	24	6	0.70	0.45	0.44	1.56	122	25.97	89						

National Agricultural Summary

December 24 - 30, 2007

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

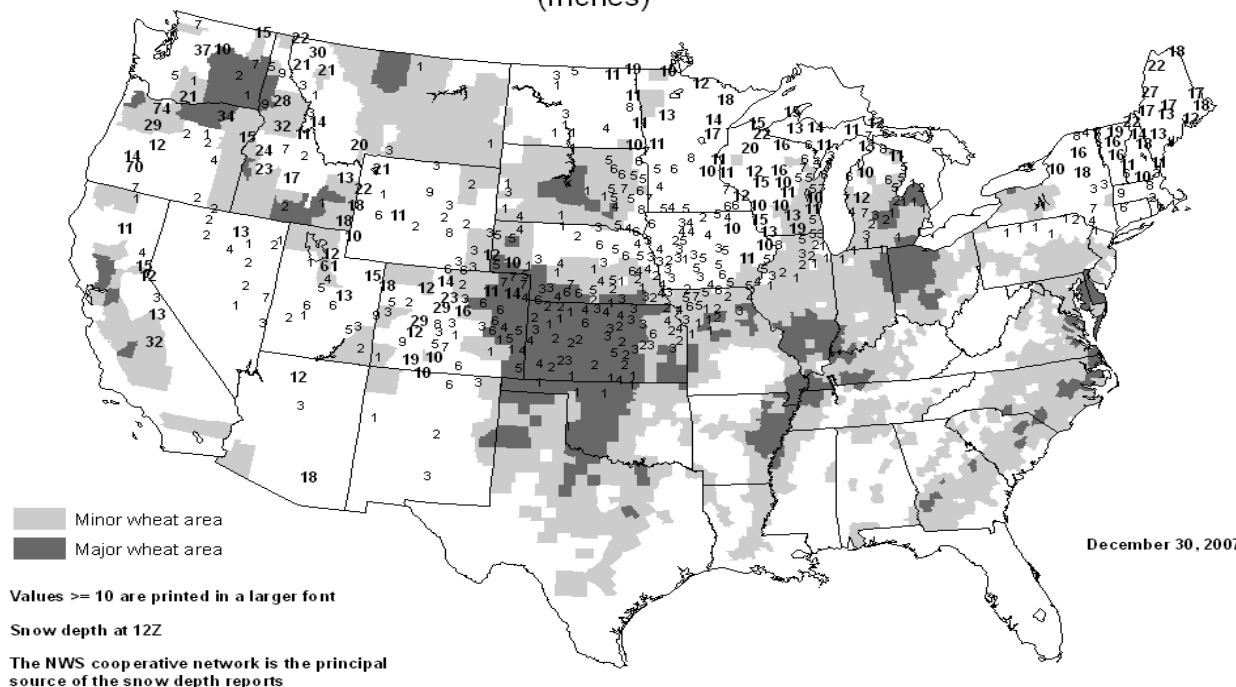
Wet weather overspread the Pacific Northwest, with coastal areas of Washington and Oregon receiving more than 4 inches during the week. Portions of the northern Intermountain and the northern Rocky Mountain regions also received several inches of precipitation, boosting high-elevation snow packs. Dry weather dominated the Southwest, including southern California, which experienced freezing temperatures on December 27 and 28 that required producers to take action to guard against freeze damage. Drier conditions also covered the Great Plains, with the exception of eastern Texas, where locally heavy showers (exceeding 1 inch) fell. The moisture spread eastward through the Southeast, which received a broad soaking of 1 to 4 inches. Except for the panhandle, however, Florida remained dry. Moderate to heavy rain fell throughout the mid-Atlantic region and New England, with isolated weekly totals in excess of 4 inches New Jersey, eastern Pennsylvania, and southern Maine.

Most of the West, including the northern Rocky Mountains, the Southwest, and the central and southern Great Plains, experienced below normal temperatures. In the central Rocky Mountains, temperatures were between 9 and 15 degrees below normal. Temperatures were up to 10 degrees below normal Arizona. In contrast, above-normal temperatures

prevailed across the northern Plains and much of the East. The majority of winter wheat acreage had a protective layer of snow cover, an exception being portions of the northern High Plains, which continued to experience above-normal temperatures. Snow cover is needed in these areas to protect the crop from outbreaks of potentially damaging cold.

Cotton harvest was wrapping up while vegetable harvesting and small grain planting remained active. California spring alfalfa was emerging as irrigation continued and herbicide and pesticide applications were ongoing. Sugarbeets were in various stages of development with insect, weed, and disease control continuing. For California fruit and nut crops, pruning and herbicide and pesticide treatments were ongoing while mandarin, lemon, pumelo, and navel orange harvest continued. Herbicides and insecticides continued to be applied to vegetable fields. In Florida, sugarcane harvest was active in the Lake Okeechobee area, while vegetable harvest and planting continued. Strawberry plant development progressed, while grape tomatoes neared the end of fall harvest. After a brief holiday break, harvest of grapefruit and tangelos was expected to gain momentum in the upcoming weeks. Common activities for growers included spraying, mowing, fertilizing, and irrigating.

United States Snow Depth (Inches)



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

International Weather and Crop Summary

December 23 - 29, 2007

International Weather and Crop Highlights and Summaries
provided by USDA/WAOB

HIGHLIGHTS

FSU-WESTERN: A moderate to deep snow cover protected winter grains from bitterly cold weather in eastern areas, while a thin to patchy snow cover in western and southern areas left winter grains vulnerable to potential extreme cold.

EUROPE: Mostly dry, milder weather prevailed over central and eastern Europe, keeping much of the region uncharacteristically devoid of snow cover.

AUSTRALIA: Showers lingered in summer crop areas of Queensland and New South Wales.

SOUTHEAST ASIA: Seasonal showers maintained favorable soil moisture for crops in Indonesia, while lighter rainfall amounts eased wetness in Malaysia.

ARGENTINA: Beneficial rain covered Cordoba, but dryness persisted in Argentina's southernmost farming areas.

BRAZIL: Rainfall tapered off in key soybean areas of central and northeastern Brazil.

MIDDLE EAST: Overwintering conditions remained favorable for dormant to semi-dormant winter grains, although a hard freeze may have adversely impacted winter wheat in northwestern Iran.

NORTHWEST AFRICA: Showers favored emerging winter wheat and barley while further easing topsoil moisture deficits in Morocco.

SOUTH AFRICA: Dry, seasonably warm weather advanced development of corn and other summer crops, but rain is needed in many areas to maintain favorable yield prospects.

December 2007

MONTHLY DATA FROM SELECTED FOREIGN CITIES CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA

*** DATA NOT AVAILABLE

COUNTRY CITY	TEMPERATURE (C)				PRECIPITATION (MM)			
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG F/NRM	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY OSLO	-2	-5	6	-15	-3	1.4	71	8
FINLAN HELSINKI	3	0	6	-9	1	4.6	62	6
UKINGD ABERDEEN	7	2	12	-5	4	0.2	61	-16
LONDON	9	4	15	-3	6	0.2	52	-3
IRELAN DUBLIN	9	4	15	-4	7	0.4	65	-12
ICELAN REYKJAVIK	***	***	3	-10	***	***	***	***
DENMAR COPENHAGEN	5	3	10	-3	4	2	37	-9
LUXEMB LUXEMBOURG	4	0	11	-6	2	0.1	110	24
SWITZE ZURICH	2	-1	11	-6	1	-0.6	104	25
GENEVA	5	1	12	-6	3	-0.1	88	2
FRANCE PARIS/ORLY	7	2	13	-7	4	-0.7	54	-4
STRASBOURG	4	0	13	-9	2	-0.7	43	-3
BOURGES	7	2	13	-6	4	-0.3	38	-26
BORDEAUX	10	3	15	-4	6	-0.7	76	-30
TOULOUSE	9	3	15	-4	6	-0.6	44	-6
MARSEILLE	12	3	17	-2	8	-0.3	11	-40
SPAIN VALLADOLID	7	0	14	-6	4	-1.3	9	-45
MADRID	12	0	17	-7	6	-0.9	15	-32
SEVILLE	17	8	20	3	12	0	13	-87
PORTUG LISBON	14	9	18	4	11	-0.3	41	-58
GERMAN HAMBURG	5	2	12	-6	4	1	92	14
BERLIN	4	1	14	-7	3	0.6	30	-24
DUSSELDORF	6	1	13	-9	4	-0.4	73	-4
LEIPZIG	4	1	13	-6	2	0.5	19	-22
DRESDEN	3	0	14	-8	2	-0.1	38	-6
STUTTGART	4	-2	13	-10	1	-0.6	46	-8
NURNBERG	3	-1	13	-10	1	-0.1	45	-8
AUGSBURG	3	-2	13	-8	1	-0.3	44	-9
AUSTRI VIENNA	2	-1	12	-8	1	-0.3	50	10
INNSBRUCK	4	-4	10	-10	0	0.1	28	-27
CZECHR PRAGUE	2	-1	12	-7	0	0.1	15	-10
POLAND WARSAW	2	-1	9	-11	0	0.4	14	-22
LODZ	2	-2	9	-9	0	0.4	17	-28
KATOWICE	1	-2	9	-10	0	-0.1	21	-27
HUNGAR BUDAPEST	1	-2	8	-9	-1	-1.4	29	-8
YUGOSL BELGRADE	3	0	12	-5	1	-1.5	32	-20
ROMANI BUCHAREST	2	-3	11	-12	-1	-1	87	48
BULGAR SOFIA	2	-2	13	-8	0	-0.9	29	-12
ITALY MILAN	8	-1	15	-6	4	0.3	1	-52
VERONA	8	-1	15	-8	3	0.4	5	-47
VENICE	9	1	13	-3	5	0.7	90	42
GENOA	13	6	16	1	9	-0.5	18	-66
ROME	13	4	17	-2	8	-1.1	29	-54
NAPLES	11	3	16	-5	7	-2.9	45	-63
GREECE THESSALONIKA	9	3	15	-4	6	-1.1	19	-29
LARISSA	9	2	17	-5	6	-0.8	21	-27
ATHENS	13	8	19	3	10	-1.3	40	-18
TURKEY ISTANBUL	10	5	17	0	7	-0.9	57	-34
ANKARA	5	-3	11	-13	1	-0.4	46	-1
CYPRUS LARNACA	19	9	23	5	14	0.7	39	-32
ESTONI TALLINN	3	1	7	-7	2	4.1	41	-20
RUSSIA ST.PETERSBURG	2	0	5	-8	1	4.6	24	-24
LITHUA KAUNAS	2	0	6	-6	1	2.4	25	-23
BELARU MINSK	0	-2	6	-8	-1	2.3	19	-33
RUSSIA KAZAN	-9	-14	0	-24	12	-3.7	43	5
MOSCOW	-1	-3	3	-10	-2	3.4	16	-33
YEKATERINBURG	-8	-13	-2	-29	10	0.2	22	-3
OMSK	-9	-15	1	-32	12	1.2	29	-1
KAZAKH KUSTANAY	-12	-18	-2	-29	15	-2.7	7	-17
RUSSIA BARNAIL	-9	-13	0	-28	11	1.8	19	-9
KHABAROVSK	-11	-19	-6	-25	15	2.7	15	-3
VLADIVOSTOK	-4	-8	2	-12	-6	2.9	29	15
UKRAIN KIEV	0	-2	6	-7	-1	1	23	-18
LVOV	0	-4	7	-14	-2	-0.6	27	-23
KIROVOGRAD	0	-2	8	-8	-1	1.5	19	-14
ODESSA	3	1	10	-5	2	0.2	27	-10
RUSSIA SARATOV	-9	-12	1	-23	10	-3.1	30	-4
UKRAIN KHARKOV	-1	-3	5	-12	-2	1.1	20	-17
RUSSIA VOLGOGRADE	-6	-10	3	-21	-8	-3.1	45	7
ASTRAKHAN	-1	-5	10	-14	-3	-0.7	37	23

Based on Preliminary Reports

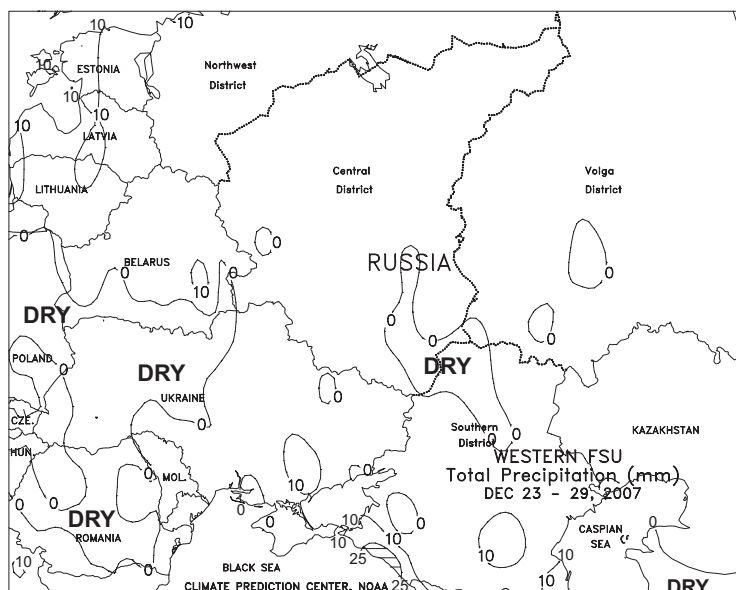
December 2007

COUNTRY CITY	TEMPERATURE (C)				PRECIPITATION (MM)				COUNTRY CITY	TEMPERATURE (C)				PRECIPITATION (MM)			
	AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
KRASNODAR	4	-1	12	-9	1	0.0	111	43	ZIMBAB KADOMA	***	***	32	14	***	***	223	48
ORENBURG	-13	-19	0	-28	16	-7.0	35	1	S AFRI PRETORIA	28	17	31	12	22	0.3	153	41
KAZAKH TSELINOGRAD	-10	-15	-3	-32	12	-0.4	36	14	JOHANNESBURG	25	14	28	8	19	0.0	105	-10
KARAGANDA	-9	-15	-3	-32	12	-1.4	35	11	BETHAL	25	13	28	7	19	0.0	79	-56
UZBEKI TASHKENT	6	-1	17	-13	3	-1.2	93	41	DURBAN	26	20	31	16	23	-0.3	60	-55
TURKME ASHKHABAD	7	0	14	-10	4	-1.4	32	10	CAPE TOWN	26	16	36	11	21	1.3	18	-2
SYRIA DAMASCUS	14	1	20	-6	8	0.6	3	-41	CANADA TORONTO	1	-5	8	-13	-2	0.4	93	32
PAKIST KARACHI	27	13	31	7	20	-0.2	48	44	MONTREAL	-3	-10	9	-21	-6	-0.1	120	42
INDIA AMRITSAR	20	3	23	-2	12	-1.2	4	-8	WINNIPEG	-10	-20	-2	-34	15	-0.8	21	5
NEW DELHI	23	8	27	4	16	-0.1	0	-8	REGINA	-9	-19	0	-30	14	-1.2	11	-5
AHMEDABAD	29	14	31	10	22	0.2	0	-2	SASKATOON	-11	-19	-3	-30	15	-0.9	14	-2
INDORE	27	12	30	8	19	0.2	0	-5	LETHBRIDGE	-1	-13	8	-25	-7	-0.8	10	-9
CALCUTTA	26	14	29	10	20	-0.5	0	-12	CALGARY	-2	-14	5	-22	-8	-0.8	6	-5
VERAVAL	31	18	35	11	24	0.8	0	***	EDMONTON	-7	-15	3	-25	11	-1.6	11	-8
BOMBAY	33	19	36	14	26	0.2	0	***	VANCOUVER	6	1	13	-5	3	-0.4	213	38
POONA	30	14	34	11	22	2.0	0	-7	MEXICO GUADALAJARA	***	***	28	7	***	***	4	-13
BEGAMPET	30	17	34	13	24	2.0	0	-5	TLAXCALA	21	6	27	4	14	0.3	0	-5
VISHAKHAPATNAM	29	22	30	18	25	1.0	0	-8	ORIZABA	22	14	29	9	18	2.2	30	-13
MADRAS	29	22	32	18	26	0.9	230	48	BERMUD ST GEORGES	22	18	24	13	20	0.2	77	-32
MANGALORE	33	22	35	18	28	0.2	0	-15	BAHAMA NASSAU	28	22	29	17	25	2.3	34	-24
HONGKO HONG KONG INT	23	18	27	12	20	2.0	26	1	CUBA HAVANA	28	17	30	12	23	0.3	26	-25
N KORE PYONGYANG	3	-5	11	-10	-1	1.6	8	-9	JAMAIC KINGSTON	31	23	32	22	27	0.3	91	55
S KORE SEOUL	5	-1	14	-7	2	1.5	5	-19	P RICO SAN JUAN	28	23	29	21	25	-0.1	261	145
JAPAN SAPPORO	2	-3	7	-7	-1	0.4	89	-17	GUADEL RAIZET	29	22	30	18	26	0.4	100	-38
NAGOYA	12	5	17	2	9	1.8	92	55	MARTIN LAMENTIN	29	24	31	20	27	1.3	99	-71
TOKYO	13	6	15	3	9	0.8	74	34	BARBAD BRIDGETOWN	30	24	31	21	27	0.8	103	-1
YOKOHAMA	13	6	17	2	9	0.6	71	23	TRINID PORT OF SPAIN	31	22	33	19	26	0.4	300	164
KYOTO	12	5	17	1	8	0.8	95	48	COLOMB BOGOTA	18	10	20	6	14	0.7	36	-11
OSAKA	13	7	16	4	10	1.4	89	51	VENEZU CARACAS	***	***	32	23	***	***	***	***
THAILA PHITSANULOK	32	20	34	17	26	1.8	3	-3	F GUIA CAYENNE	29	23	31	22	26	0.2	570	235
BANGKOK	34	24	36	21	29	3.2	0	-5	BRAZIL FORTALEZA	30	26	31	24	28	-0.7	67	31
MALAYS KUALA LUMPUR	31	24	33	22	27	1.0	153	-94	RECIFE	30	27	32	25	28	-0.5	13	-28
VIETNA HANOI	23	19	29	15	21	1.9	21	8	CAMPO GRANDE	30	22	34	19	26	0.5	77	-133
CHINA HARBIN	-6	-14	-1	-18	10	3.9	9	3	FRANCA	28	20	31	16	24	1.3	272	26
HAMI	0	-12	6	-22	-6	1.1	3	1	RIO DE JANEIRO	31	23	38	20	27	1.0	170	32
LANCHOW	***	***	4	-5	***	***	***	***	LONDRINA	31	20	37	15	26	2.1	314	67
BEIJING	5	-3	9	-5	1	1.8	3	0	SANTA MARIA	31	19	39	13	25	0.5	188	71
TIENTSIN	5	-4	8	-6	1	1.2	4	0	TORRES	26	20	30	15	23	-1.7	149	57
LHASA	12	-6	18	-9	3	3.4	0	***	PERU LIMA	22	18	25	16	20	-1.3	0	0
KUNMING	17	6	21	3	12	3.0	0	-14	BOLIVI LA PAZ	15	3	19	0	9	-0.2	99	-51
CHENGCHOW	8	1	15	-3	4	2.6	8	-2	CHILE SANTIAGO	28	11	34	5	20	0.0	0	-3
YECHANG	11	6	17	3	8	0.8	21	4	ARGENT IGUAZU	32	20	38	16	26	0.4	104	-81
HANKOW	11	6	18	-1	8	1.3	33	8	FORMOSA	33	21	38	16	27	0.7	177	19
CHUNGKING	12	9	16	6	11	1.1	26	3	CERES	32	18	38	11	25	0.6	90	-60
CHIHKIAN	10	6	21	2	8	0.6	30	0	CORDOBA	31	17	37	13	24	1.0	85	-79
WU HU	10	5	17	-3	7	1.8	37	2	RIO CUARTO	29	16	36	11	22	-0.1	154	-1
SHANGHAI	12	7	16	-1	10	1.7	37	-1	ROSARIO	***	***	33	14	***	***	***	***
NANCHANG	12	8	19	2	10	1.4	43	2	BUENOS AIRES	29	15	37	7	22	-0.3	55	-31
TAIPEI	21	18	27	12	20	1.7	30	-41	SANTA ROSA	30	15	37	8	22	0.1	53	-49
CANTON	22	14	28	9	18	2.8	16	-15	TRES ARROYOS	30	13	37	5	21	1.5	18	-74
NANNING	20	13	28	6	17	1.1	24	0	MARSHA MAJURO	30	26	33	24	28	0.5	292	10
CANARY LAS PALMAS	21	16	24	13	19	-0.1	26	-3	NEW CA NOUMEA	29	23	33	19	26	1.1	63	-16
MOROCC CASABLANCA	19	11	25	7	15	1.0	33	-45	FIJI NAUSORI	30	23	32	21	26	0.9	280	20
MARRAKECH	20	8	25	3	14	0.9	10	-12	SAMOA PAGO PAGO	31	26	32	25	29	1.0	254	-86
ALGERI ALGER	17	7	23	1	12	0.2	76	-14	TAHITI PAPEETE	30	23	32	22	26	-0.3	440	103
BATNA	12	0	20	-7	6	-0.8	38	7	PNEWGU PORT MORESBY	31	25	34	18	28	0.7	59	-63
TUNISI TUNIS	17	10	21	4	13	0.3	109	46	NZEALA AUCKLAND	22	15	25	11	19	***	65	***
NIGER NIAMEY	32	20	38	14	26	1.1	1	1	WELLINGTON	20	13	27	8	17	***	60	***
MALI TIMBUKTU	30	16	37	11	23	1.4	1	1	AUSTRA DARWIN	33	26	35	21	29	0.2	396	120
BAMAKO	32	19	38	13	25	-0.1	0	-1	BRISBANE	27	21	29	18	24	-0.2	113	-5
MAURIT NOUAKCHOTT	29	17	35	12	23	0.8	0	-3	PERTH	27	15	42	6	21	-1.0	13	5
SENEGA DAKAR	27	21	35	19	24	1.0	0	-5	CEDUNA	28	15	43	9	22	0.7	16	-2
LIBYA TRIPOLI	18	8	23	1	13	-0.4	72	32	ADELAIDE	26	15	39	10	21	0.5	15	-10
BENGHAZI	18	10	23	5	14	-0.2	62	-10	MELBOURNE	26	14	41	7	20	2.3	70	23
EGYPT CAIRO	21	12	25	9	16	1.0	0	-6	WAGGA	29	15	38	8	22	0.7	75	25
ASWAN	25	11	31	8	18	0.6	0	0	CANBERRA	25	13	35	8	19	0.4	78	32
ETHIOP ADDIS ABABA	22	7	24	3	14	-1.1	0	-18	INDONE SERANG	31	24	33	22	27	0.1	252	57
KENYA NAIROBI	26	14	29	11	20	0.6	40	-33	PHILIP MANILA	31	25	36	22	28	0.9	48	-15
TANZAN DAR ES SALAAM	32	24	34	22	28	0.9	127	25									
GABON LIBREVILLE	29	24	30	22	27	0.2	325	-10									
TOGO LOME	33	25	35	20	29	2.1	0	-9									
BURKIN OUAGADOUGOU	34	20	37	14	27	1.8	0	-1									
COTE D ABIDJAN	32	26	34	23	29	2.0	100	24									
MOZAMB MAPUTO	30	21	37	17	26	0.0	220	128									
ZAMBIA LUSAKA	25	19	31	17	22	-1.1	317	167									

Based on Preliminary Reports

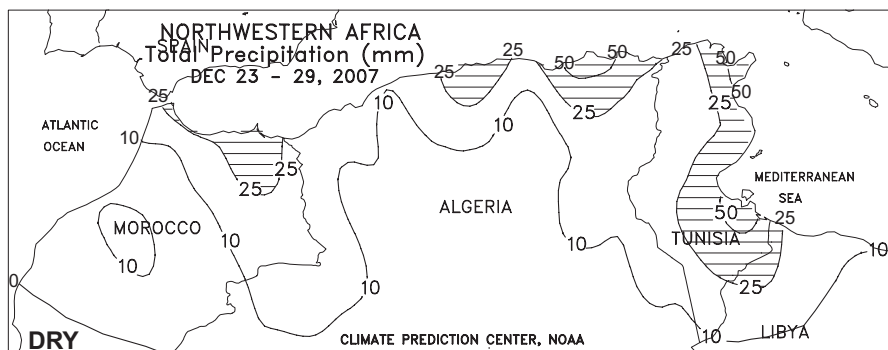
FSU - WESTERN

High pressure prevailed over most of the region, ushering in colder, drier conditions. Extreme cold (minimum temperatures ranging from -25 to -15 degrees C) was centered in the Volga District and made brief incursions westward into the eastern portion of the Central District and southward into the northern portion of the Southern District. Winter grains in these areas were protected by a moderate to deep snow cover. Elsewhere, snow cover remained thin or patchy in Ukraine, the southern half of the Southern District in Russia, and Belarus, leaving winter grains vulnerable to potential extreme cold. However, lowest temperatures in these areas ranged from -13 to 0 degrees C, remaining well above the threshold for potential freeze damage. Weekly temperatures averaged 3 to 7 degrees C or more below normal in western and eastern areas, and near to slightly above normal in the Central District in Russia, the eastern half of Ukraine, and southernmost areas in the Russian Southern District.

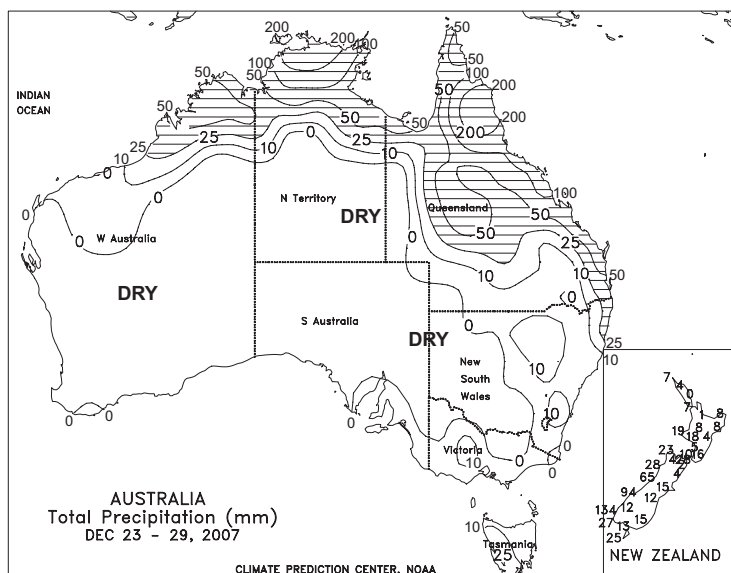
**EUROPE**

High pressure remained entrenched over Europe for much of the week, maintaining mostly dry (less than 5 mm of rain), increasingly mild weather from central and southern France eastward into Poland. Consequently, most winter grain areas remained devoid of snow cover; by late December, a protective snowpack is typically in place from southern Germany into eastern Europe and the Balkans. Therefore, dormant to semi-dormant winter grains and oilseeds are currently vulnerable to potential outbreaks of bitter cold. Meanwhile, a series of cold fronts pushed into northern Europe, generating light to moderate rain (10-50 mm) in England, while lighter showers (5-15 mm) fell in northern portions of France, Poland, and the Low Countries. Scattered light showers (1-20 mm) also fell on the Iberian Peninsula, although significant season-to-date precipitation deficits have heightened the need for a widespread, soaking rainfall in the upcoming weeks to aid emerging to vegetative winter grains. Farther east, rain and mountain snow (2-35 mm) continued in southern Italy and western portions of the Balkans, while dry weather in northern Italy's Po Valley continued.

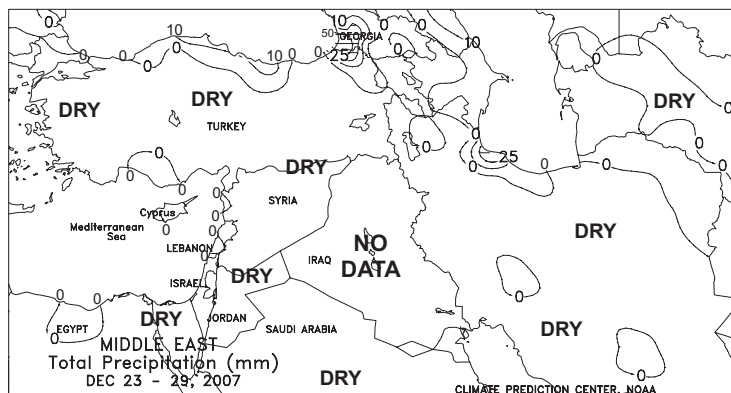


**NORTHWEST AFRICA**

Unsettled weather continued over most of the region, favoring emerging winter grains. Showers (1-10 mm) further eased lingering topsoil moisture deficits in western and southern Morocco, while heavier amounts (10-25 mm) benefited winter grains in eastern Morocco. Late-week rain (10-50 mm) in northern portions of Algeria and Tunisia maintained favorable prospects for emerging winter wheat and barley. Milder weather returned to Algeria and northwestern Tunisia following last week's freeze, while weekly average temperatures between 10 and 15 degrees C in Morocco were almost optimum for winter wheat development.

**AUSTRALIA**

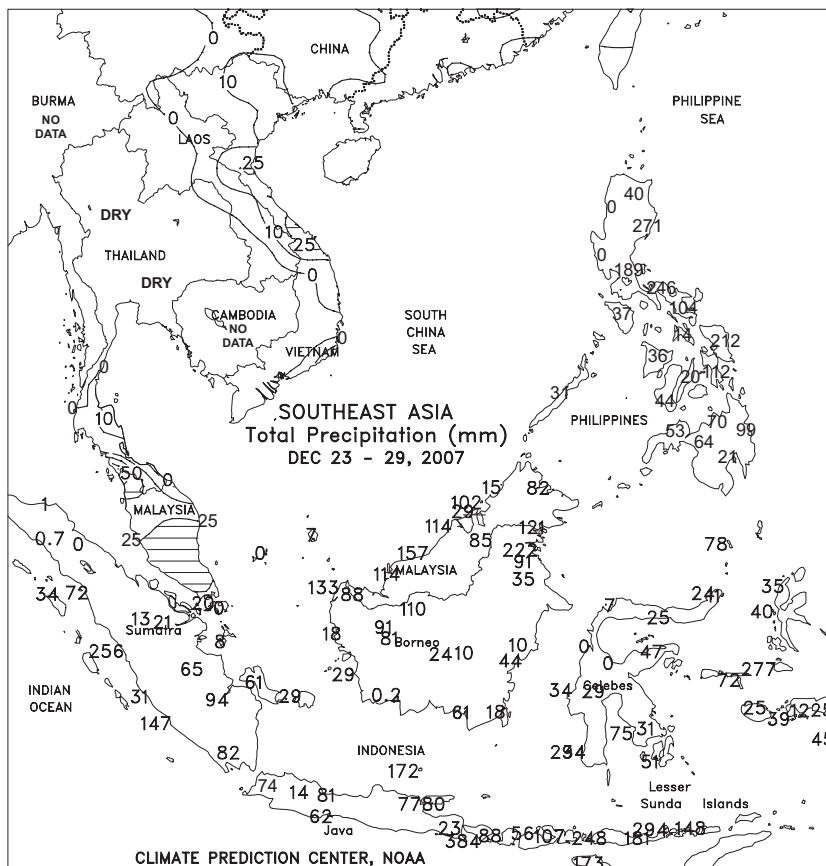
Following weeks of wet weather, generally light showers (4-15 mm, locally more) lingered in southern Queensland and northern New South Wales. The somewhat drier weather likely encouraged more fieldwork. Nevertheless, moisture supplies remained adequate to abundant for dryland and irrigated summer crops. Unseasonably cool weather slowed cotton and sorghum development in eastern Australia. Temperatures averaged about 3 to 5 degrees C below normal in Queensland and northern New South Wales. Elsewhere, generally dry weather favored final winter grain harvesting in western and southeastern Australia.

**MIDDLE EAST**

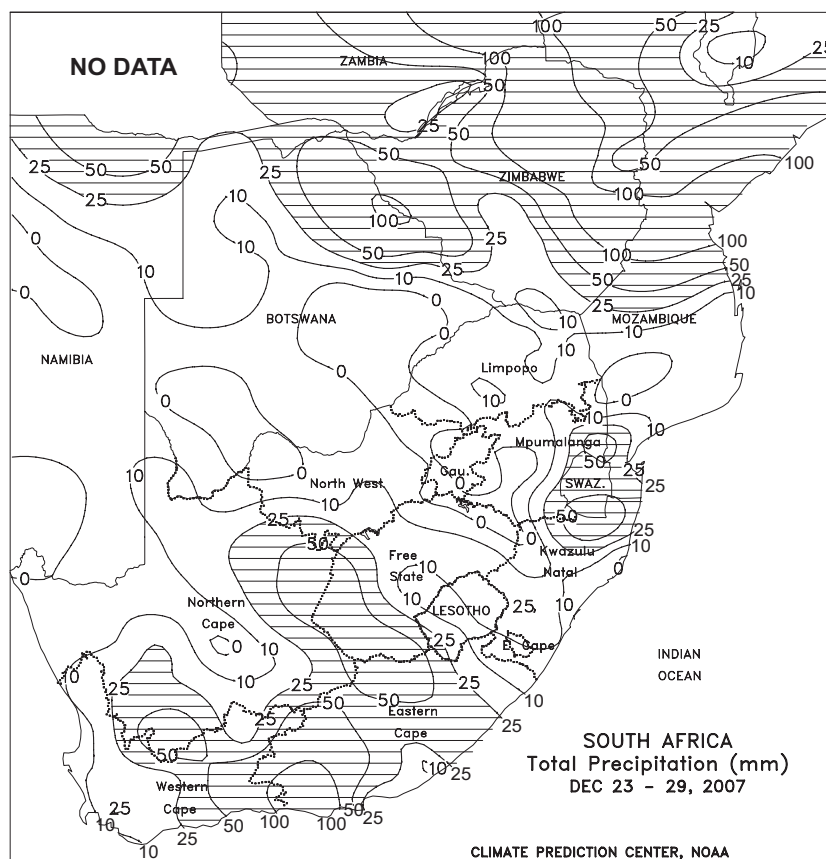
Seasonably cold, dry conditions maintained favorable prospects for winter crops across most of the region. After several weeks of rain (and some snow), dry conditions returned to the Middle East. Weekly average temperatures below 5 degrees C eased crops further into dormancy, although much of the region remained devoid of a protective snowpack. Despite below-normal temperatures (1-3 degrees C below normal), nighttime lows in Turkey and Syria remained above the threshold for crop damage. In Iran, however, minimum temperatures reached as low as -20 degrees C on consecutive nights in northwestern crop areas, possibly causing some burnback or winterkill to dormant winter wheat.

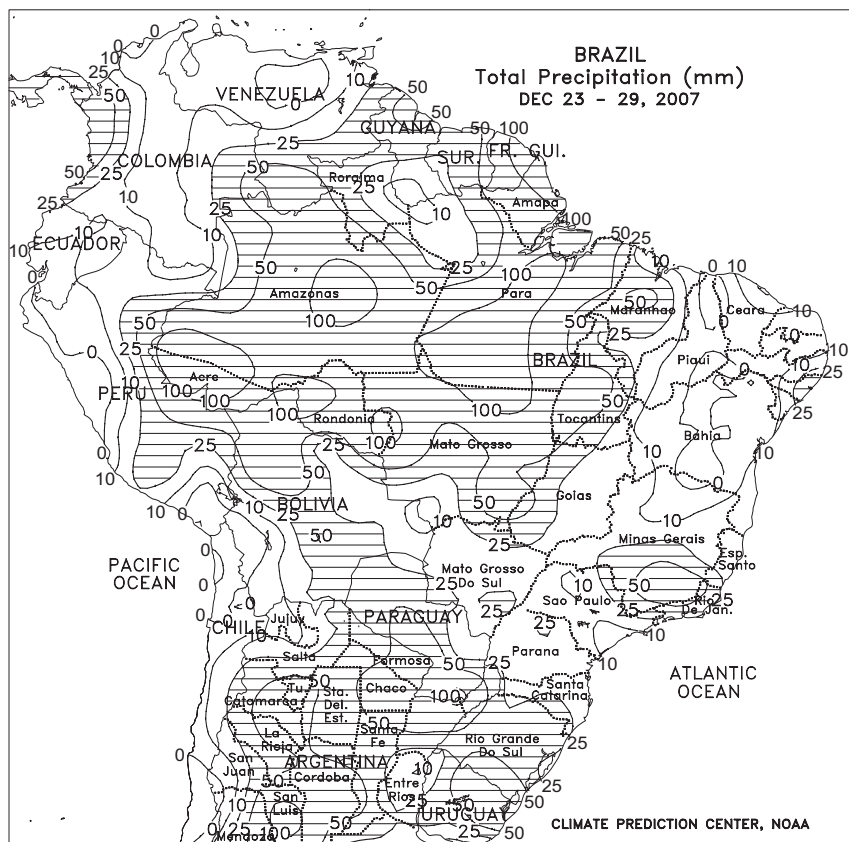
SOUTHEAST ASIA

In Indonesia, seasonal monsoon showers (50-100 mm) maintained favorable soil moisture for rice throughout Java and oil palm across Sumatra. Showers (10-50 mm) were somewhat lighter in Malaysia after several weeks of flooding rains. The break in heavy rains eased excessive wetness and allowed oil palm harvesting to resume normally. In the Philippines, the northeast monsoon brought showers (25-100 mm, locally more) to most winter growing areas, benefiting rice and corn. Seasonably dry weather in Vietnam allowed coffee harvesting to surge, while sunny weather benefited winter-spring rice development in the Mekong and Red River Deltas.

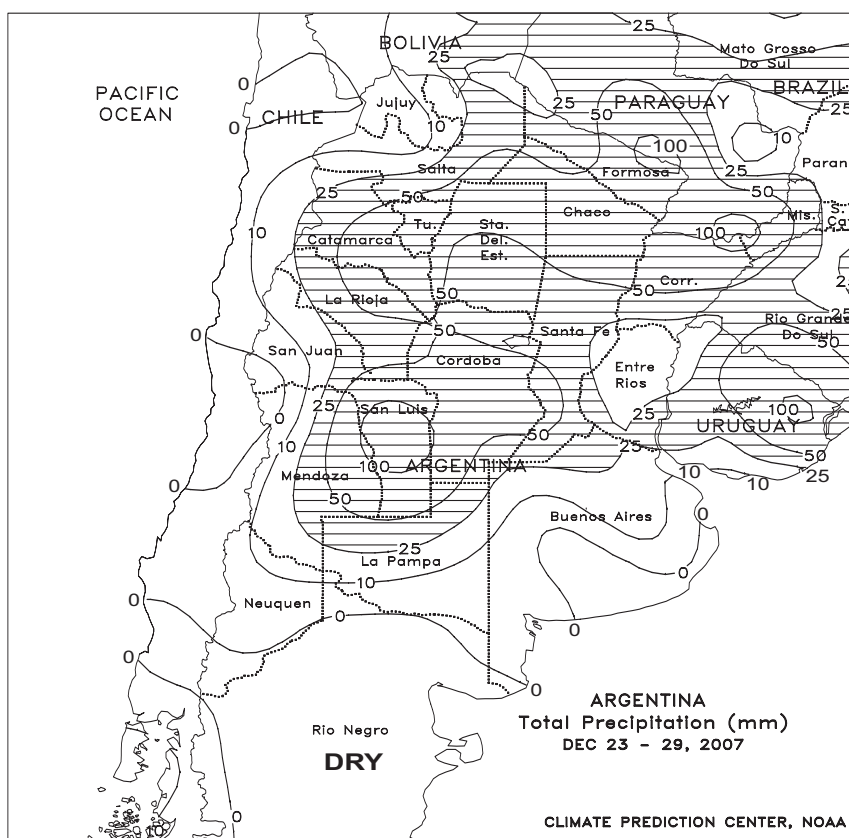
**SOUTH AFRICA**

Unseasonably dry weather continued to dominate the main commercial production areas (notably Gauteng, Mpumalanga, and eastern growing areas of North West and Free State), with moderate showers (10-25 mm) generally confined to the eastern and southwestern fringes of the corn belt. Temperatures were generally seasonable (highs reaching the upper 20s and lower 30s degrees C), promoting summer crop growth in the absence of stressful heat. Much of the corn belt has been drier than normal for about 3 weeks; subsoil moisture reserves should be overall favorable due to abundant early-season rainfall, but topsoil moisture has likely become limited for germination of late-planted crops in western growing areas. Elsewhere, most sugarcane areas of KwaZulu-Natal received lighter-than-normal rain (5-25 mm) but unseasonably wet weather (rainfall ranging from 10 to more than 50 mm) was recorded throughout the main agricultural areas of the Cape Provinces early in the week.



**BRAZIL**

Following several weeks of beneficial rain, seasonal showers diminished over a large portion of central and northeastern Brazil, with many key farming areas receiving less than half their normal rainfall. In the Center-West region, moderate showers (50-100 mm) were scattered throughout Mato Grosso and Mato Grosso do Sul, but mostly dry weather (weekly accumulations under 25 mm) dominated eastern Goias. Similarly, in southern Brazil, beneficial showers (greater than 25 mm) fell throughout Rio Grande do Sul, but lighter rain prevailed in Parana and Santa Catarina. Locally heavy rain (25-50 mm or more) benefited coffee areas of southern Minas Gerais and Rio de Janeiro early in the week, but unseasonable dryness returned to soybean and cotton areas of western Bahia. Near-to above-normal temperatures (1-2 degrees C above normal, with highs commonly reaching the lower and middle 30s degrees C) exacerbated the affects of the dryness on agriculture. A return to a more normal pattern of rainfall is needed to ensure normal development of soybeans and other summer crops; this holds particularly true for an area extending from northern Parana to western Bahia, which has received sporadic rains for much of the growing season and can ill afford extended periods of dryness.

**ARGENTINA**

Moderate to heavy showers (25-50 mm, locally approaching 100 mm) covered Cordoba and nearby locations in Santa Fe, providing vegetative corn and soybeans with much-needed moisture. Cooler weather (weekly temperatures averaging 1-2 degrees C below normal) accompanied the rainfall, although high temperatures (highs in the middle 30s degrees C) returned to the region toward week's end. Dry, unseasonably warm weather persisted over all but the northernmost growing areas of La Pampa and Buenos Aires, fostering drydown and harvesting of winter grains but limiting moisture needed for normal development of summer grains and oilseeds. Farther north, locally heavy showers (25-50 mm, exceeding 100 mm in several locations) maintained moisture reserves for cotton, sunflowers, and other summer-grown crops. According to Argentina's Ministry of Agriculture (SAGPyA), corn was 88 percent planted as of December 27, 3 points behind last year's pace. Soybean planting continued to lag last year's pace (78 percent compared with 89 percent last year). In addition, winter wheat was 69 percent harvested, compared with 82 percent last year; wheat was 41 percent harvested in Buenos Aires, Argentina's leading producer, lagging last year's pace by about 25 points.

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