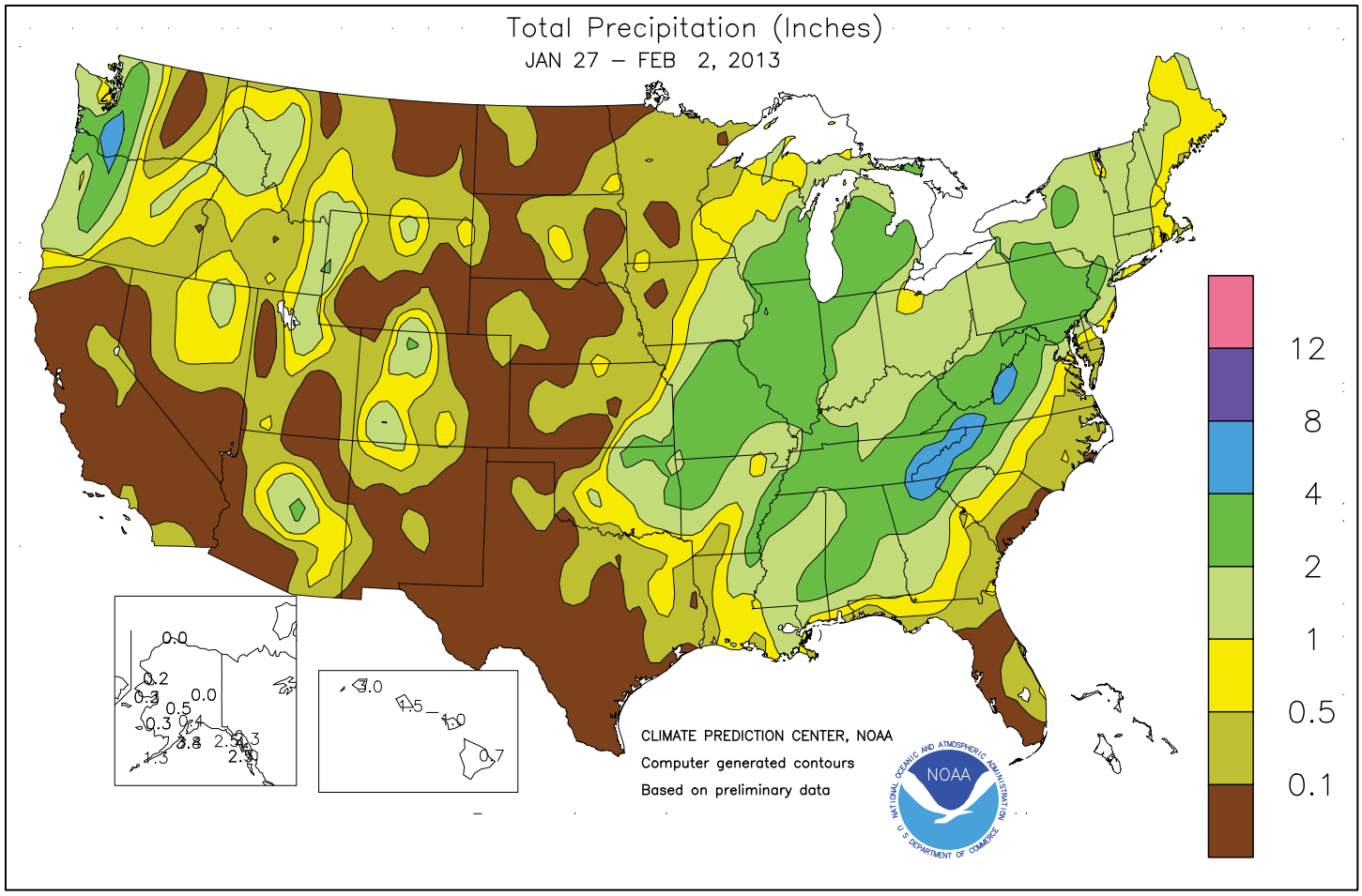
Volume 100, No. 6 http://www.usda.gov/oce/weather February 5, 2013

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



HIGHLIGHTS

January 27 – February 2, 2013

Highlights provided by USDA/WAOB

Back-to-back storms produced significant precipitation across the **eastern half of the nation**. The heaviest precipitation, totaling 2 to 4 inches or more, fell in parallel stripes from the **Mid-South into the Great Lakes region** and from the **southern Appalachians into the northern Mid-Atlantic States**. Totals of at least 4 inches were common in the **central and southern Appalachians** and adjacent foothills, triggering widespread flooding. In addition, some of the precipitation fell in the form of snow, sleet, or freezing rain—especially across the **Midwest** and

(Continued on page 3)

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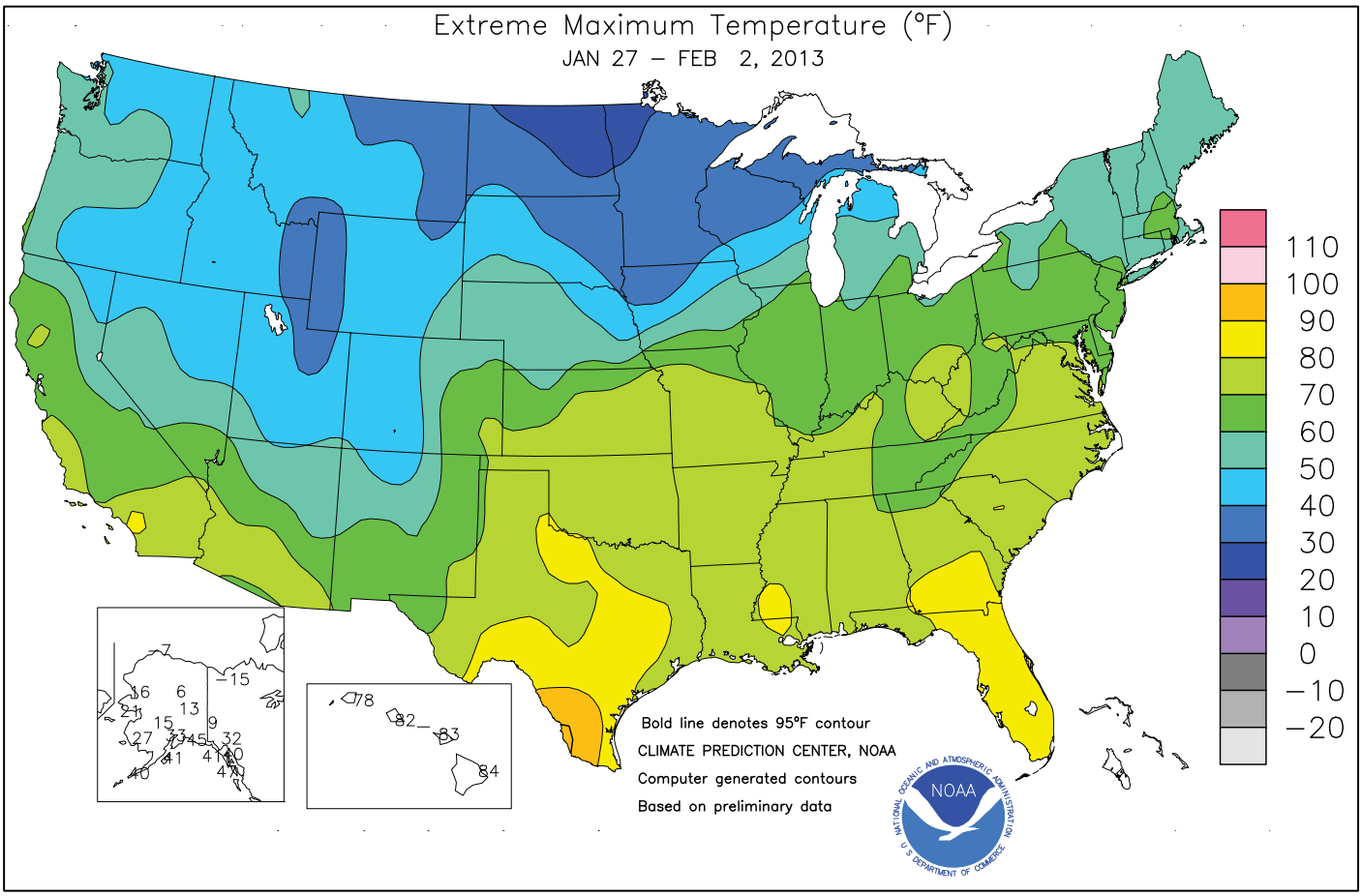
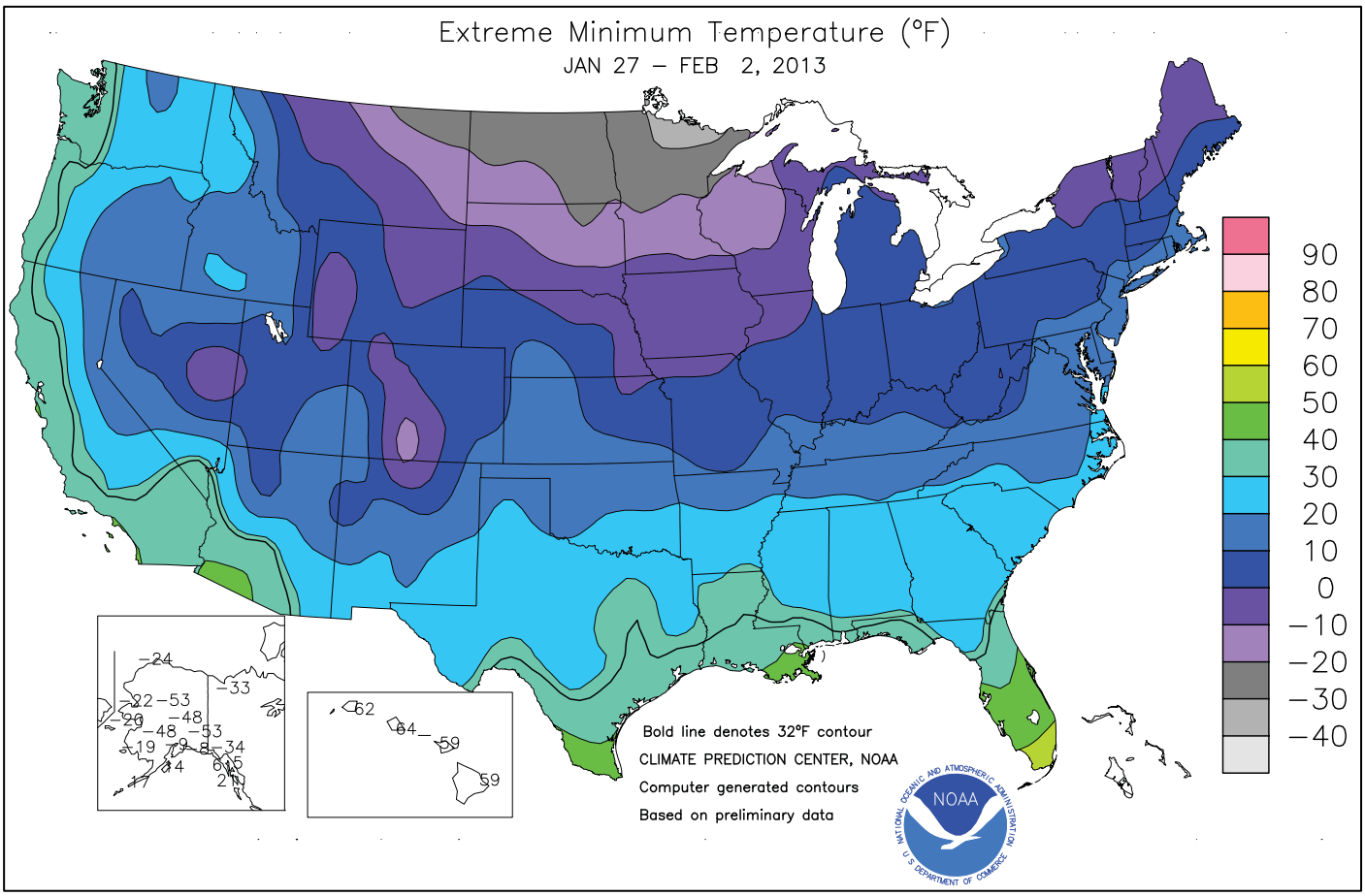
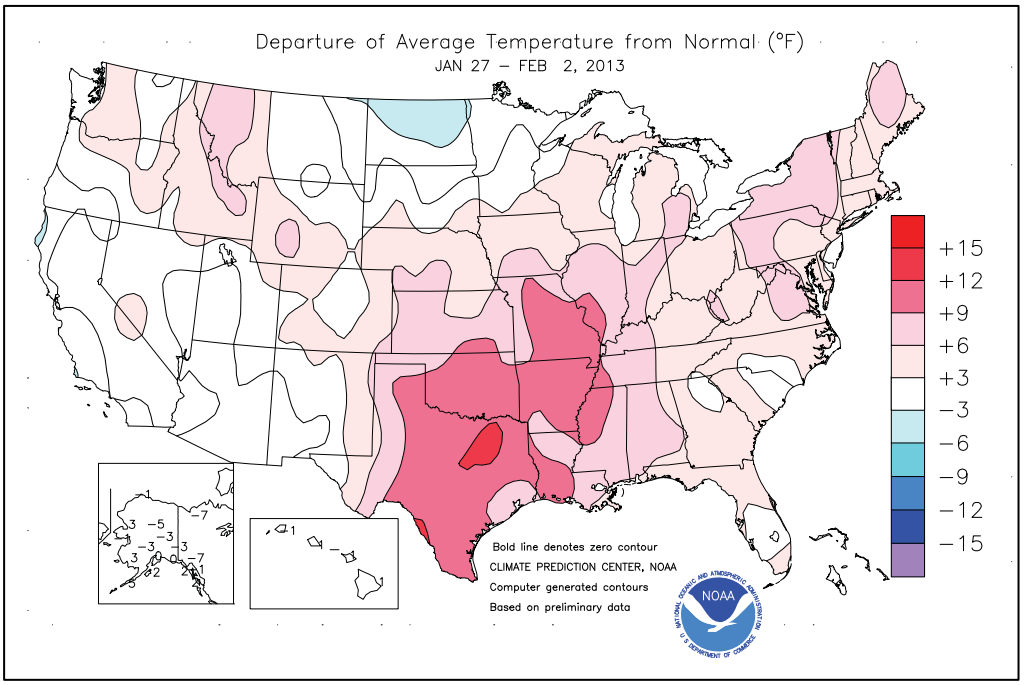

Extreme Maximum Temperature (°F)
JAN 27 – FEB 2, 2013
110
100
90
80
70
60
50
40
30
20
10
0
−10
−20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data
NOAA


Extreme Minimum Temperature (°F)
JAN 27 – FEB 2, 2013
90
80
70
60
50
40
30
20
10
0
−10
−20
−30
−40
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data
NOAA



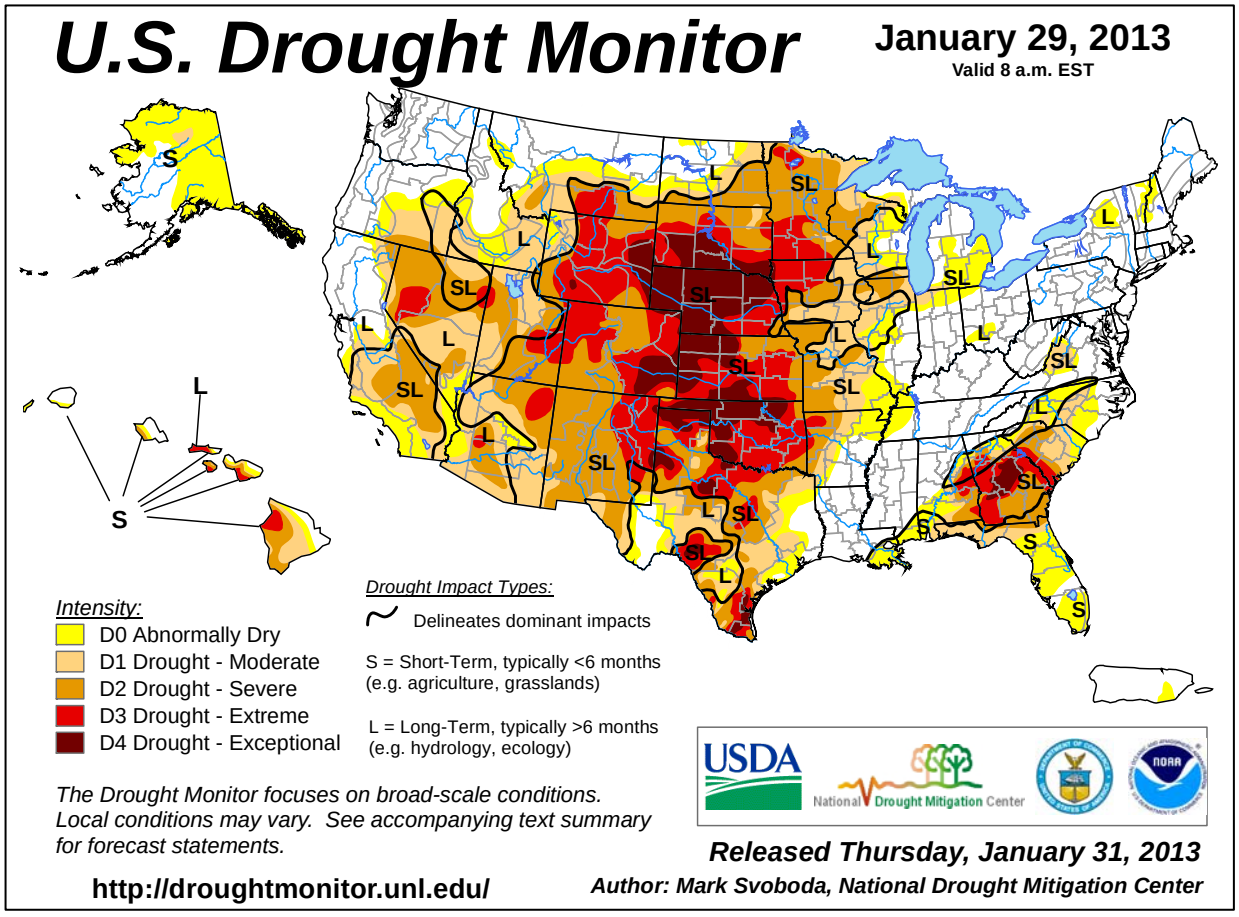
(Continued from front cover)

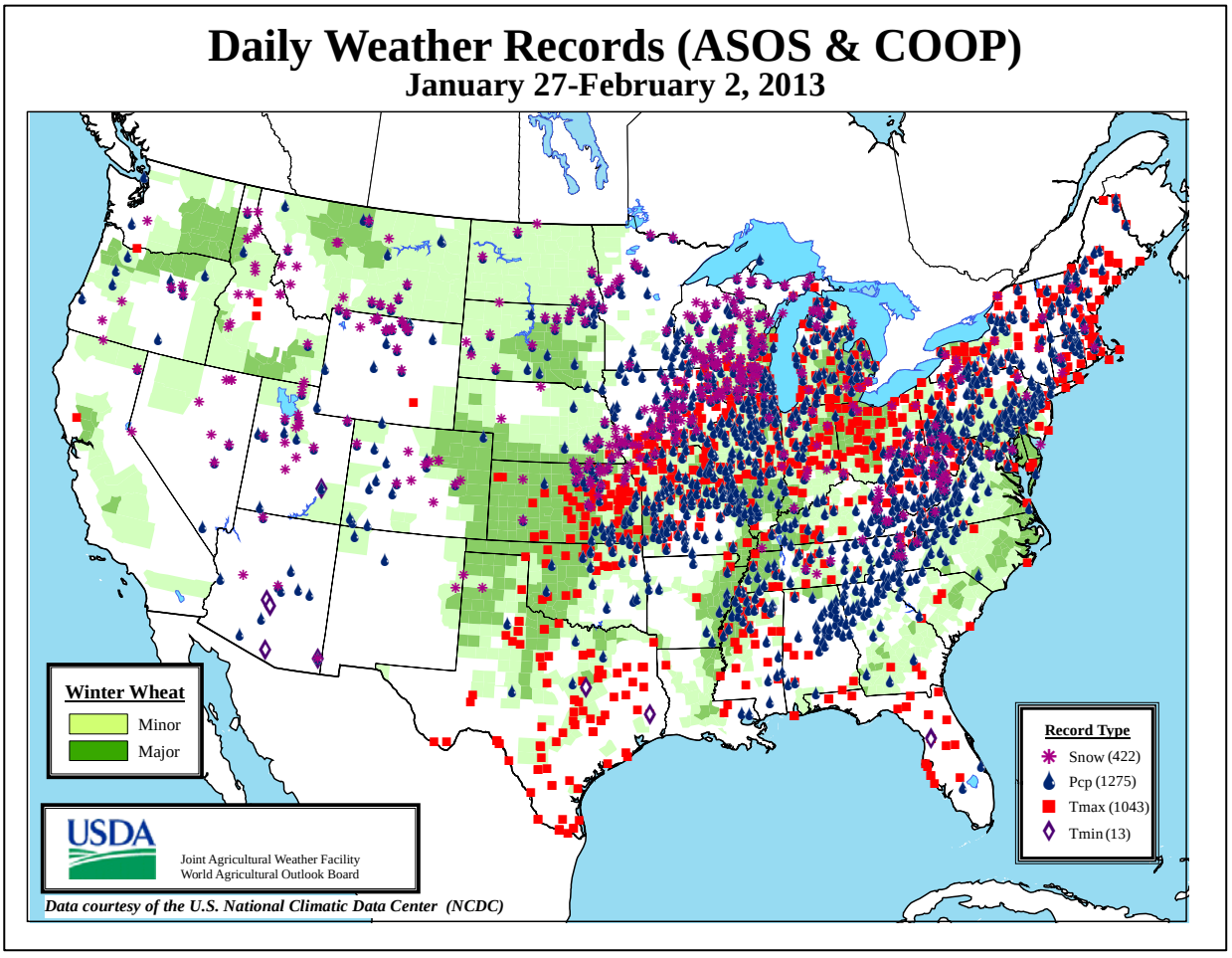
Northeast—causing widespread travel disruptions. One result of all of the precipitation was to further erode drought coverage across the **central Corn Belt**, the **Mid-South**, and the **Southeast**. However, rainfall largely bypassed the **southern Atlantic region**, including **Florida's peninsula**, where producers continued to irrigate citrus and winter crops. Neither did the majority of the **nation's mid-section** receive appreciable moisture, leaving most of the **Plains'** drought-stressed and poorly established hard red winter wheat exposed to potential weather extremes. Weekly precipitation totals in excess of an inch were noted, however, in **eastern Oklahoma** and **southeastern Kansas**. Elsewhere, generally dry weather prevailed in **California**, but varying amounts of precipitation covered the remainder of the **West**. In general, January featured disappointing amounts of precipitation from the **Pacific Coast to the Rockies**, although late-month storms provided some drought relief in parts of the **Southwest**. Near-normal temperatures prevailed in the **West**, but several days of record-setting warmth boosted weekly readings more than 10°F above normal from the **southern Plains into the Mid-South**. Late in the week, however, a cold blast lowered temperatures to 0°F or below (on February 1) as far south as **northeastern Kansas** and **northern Missouri**. Readings below -20°F were reported from **northeastern Montana to northern Minnesota**.

Early in the week, record-setting warmth quickly developed from the **central and southern Plains into the Midwest, Mid-South, and Southeast**. On January 28, a monthly record high was set in **Topeka, KS** (77°F; previously, 74°F on January 2, 1939, and January 8, 2003). Monthly records were tied in **Columbia, MO** (77°F), and **Chanute, KS** (75°F). **Columbia** and **Chanute** had last achieved their respective monthly records on January 24, 1950. By January 29, additional monthly records were tied in **Corpus Christi, TX** (91°F; tied 91°F on January 30, 1971), and **Alma, GA** (83°F; tied 83°F on January 26, 2012, and earlier dates). By late January, sharply colder air invaded the **nation's mid-section**, while warmth lingered in the **East**. **Jacksonville, FL** (85°F; previously, 84°F on January 31, 1992), posted a monthly record high on January 30, followed the next day by a record-tying high of 53°F in **Caribou, ME**. Previously, **Caribou** had attained 53°F on January 15, 1995. In stark contrast, high temperatures failed to reach 0°F on January 31 in **South Dakota** locations such as **Watertown** (-10°F) and **Sisseton** (-7°F). **International Falls, MN**, reported a low of -39°F, not a record for the date, on February 2.

A storm system emerged from the **Southwest** in late January, producing widespread precipitation. Daily-record snowfall totals for January 27 included 9.3 inches in **Salt Lake City, UT**, and 5.1 inches in **Ely, NV**. Snow fell as far south as **southern California**, where accumulations reached 3 inches in **Wrightwood** and 2 inches on **Mt. Laguna**. Meanwhile, snow, sleet, and freezing rain glazed the **Midwest** and **Northeast**. On January 27, **Minneapolis-St. Paul, MN**, received a daily-record precipitation total (0.49 inch), including some freezing rain and 3.0 inches of snow and sleet. The following day, January 28, **Aberdeen, SD**, posted daily-record totals for both precipitation (0.65 inch) and snowfall (7.9 inches). Snow also blanketed portions of the **northern High Plains**, where **Great Falls, MT**, received a daily-record snowfall (5.5 inches) for January 29. Meanwhile, heavy rain in the **Midwest** accompanied soaring temperatures. **Madison, WI** (1.84 inches on January 29), experienced its wettest January day on record, previously set with a 1.80-inch total on January 1, 1892. Daily-record totals for January 29 topped 2 inches in several **Midwestern** communities, including **Muskegon, MI** (2.48 inches), and **Quincy, IL** (2.12 inches). In **Kansas**, **Chanute** (1.97 inches on January 29) narrowly missed the record for its wettest January day, which remains 2.04 inches on January 30, 1975. Rain changed back to snow across the **Midwest** on January 30, when daily-record snowfall totals included 14.3 inches in **Marquette, MI**; 8.2 inches in **Green Bay, WI**; and 6.1 inches in **Des Moines, IA**. **Madison** followed its wettest January day with a 5.8-inch snowfall on January 30. Farther east, record-setting rainfall amounts for January 30 climbed to 2.76 inches in **Asheville, NC**, and 2.65 inches in both **Roanoke, VA**, and **Anniston, AL**. Meanwhile, the year's first deadly tornado struck **Bartow and Gordon Counties in Georgia** during the late morning of January 30. The EF-3 tornado, with estimated winds near 160 mph, had a path length of 21.8 miles and resulted in one fatality in **Bartow County**. Preliminary reports indicated that there were more than five dozen tornadoes on January 29-30 across the **Mid-South**, **lower Midwest**, and **Southeast**. By the end of January, heavy precipitation shifted east of the U.S., although snow squalls persisted downwind of the **Great Lakes**. **Buffalo, NY**, netted a daily-record snowfall of 7.8 inches on February 2. Nearly all of the precipitation bypassed the **southern Atlantic region**, where **Augusta, GA** (0.60 inch), and **Charleston, SC** (0.35 inch), noted record-low January totals.

Alaskan weekly temperatures generally averaged within 5°F of normal. **Fairbanks** reported its lowest temperature of the month, -48°F, on January 27, but by February 2 moderated to 13°F. Significant precipitation was mostly confined to **southern Alaska**, where daily-record totals included 1.73 inches (on February 1) in **Kodiak** and 0.96 inch (on January 31) in **Valdez**. In addition, **Valdez** reported a weekly snowfall of 20.2 inches. Farther south, wet weather continued to chip away at **Hawaiian drought**. The most impressive rain fell early in the week across the **western Hawaii**. For example, **Lihue, Kauai**, netted a daily-record rainfall (2.51 inches) on January 27. Twenty-four totals topped 4 inches on January 27-28 in several locations, including **Poipu, Kauai** (4.19 inches), and **Oahu's Wheeler Airfield** (4.46 inches). For the month, **Lihue's** rainfall climbed to 5.88 inches (157 percent of normal).


U.S. Drought Monitor
January 29, 2013
Valid 8 a.m. EST
Intensity:
D0 Abnormally Dry
D1 Drought - Moderate
D2 Drought - Severe
D3 Drought - Extreme
D4 Drought - Exceptional
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
http://droughtmonitor.unl.edu/
USDA
National Drought Mitigation Center
Released Thursday, January 31, 2013
Author: Mark Svoboda, National Drought Mitigation Center


Daily Weather Records (ASOS & COOP)
January 27-February 2, 2013
Winter Wheat
Minor
Major
Record Type
Snow (422)
Pcp (1275)
Tmax (1043)
Tmin (13)
USDA
Joint Agricultural Weather Facility
World Agricultural Outlook Board
Data courtesy of the U.S. National Climatic Data Center (NCDC)

National Weather Data for Selected Cities

Weather Data for the Week Ending February 2, 2013

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	60	39	72	26	50	7	1.88	0.72	1.82	14.95	146	8.46	147	84	43	0	3	2	1
	HUNTSVILLE	57	36	72	24	47	7	1.43	0.26	1.33	15.45	135	8.69	149	85	66	0	3	2	1
	MOBILE	69	46	77	33	57	7	0.91	-0.39	0.73	6.36	59	2.88	47	83	57	0	0	2	1
	MONTGOMERY	68	41	78	26	54	7	1.42	0.22	1.39	10.12	98	3.47	64	83	40	0	1	2	1
AK	ANCHORAGE	21	11	33	-9	16	0	0.36	0.22	0.14	3.10	175	1.27	176	78	69	0	7	5	0
	BARROW	-12	-19	-7	-24	-16	-2	0.00	-0.03	0.00	0.11	44	0.04	31	80	71	0	7	0	0
	FAIRBANKS	-4	-22	13	-48	-13	-4	0.00	-0.08	0.00	1.19	90	0.00	0	***	***	0	7	0	0
	JUNEAU	30	20	40	5	25	-1	2.27	1.27	0.65	13.69	130	8.77	172	91	84	0	6	7	2
	KODIAK	35	28	41	14	32	2	3.36	1.64	1.68	17.13	105	11.49	133	93	80	0	4	6	2
	NOME	12	-3	21	-20	4	-2	0.19	0.00	0.09	1.73	87	1.11	113	74	63	0	7	3	0
AZ	FLAGSTAFF	44	18	56	7	31	0	0.70	0.17	0.46	4.72	113	2.64	113	89	43	0	6	2	0
	PHOENIX	67	46	76	39	56	1	0.17	0.03	0.16	2.26	126	1.39	160	72	48	0	0	2	0
	PRESCOTT	52	27	62	16	39	1	0.48	0.10	0.26	3.35	113	1.93	114	86	37	0	6	2	0
	TUCSON	63	38	75	32	51	-2	0.06	-0.13	0.05	1.98	95	0.81	77	75	47	0	1	2	0
AR	FORT SMITH	61	38	77	24	49	10	2.72	2.20	2.71	6.72	114	3.97	158	82	47	0	4	2	1
	LITTLE ROCK	61	39	76	23	50	9	0.33	-0.47	0.29	10.36	121	4.76	124	88	48	0	3	3	0
CA	BAKERSFIELD	61	39	67	35	50	0	0.02	-0.26	0.02	1.48	73	0.83	66	83	65	0	0	1	0
	FRESNO	61	38	68	34	50	2	0.03	-0.47	0.03	2.61	72	0.58	25	82	65	0	0	1	0
	LOS ANGELES	66	50	74	44	58	1	0.02	-0.73	0.02	4.19	84	1.37	43	74	47	0	0	1	0
	REDDING	63	34	70	30	49	2	0.00	-1.50	0.00	10.97	95	0.93	13	76	57	0	2	0	0
	SACRAMENTO	61	35	66	32	48	0	0.00	-0.94	0.00	7.11	108	0.96	23	93	45	0	1	0	0
	SAN DIEGO	66	50	74	47	58	0	0.03	-0.49	0.03	3.42	91	1.23	51	73	49	0	0	1	0
	SAN FRANCISCO	58	44	64	42	51	0	0.00	-1.07	0.00	6.46	84	0.22	5	80	69	0	0	0	0
	STOCKTON	61	36	66	31	48	0	0.00	-0.63	0.00	5.61	119	1.31	45	92	76	0	1	0	0
CO	ALAMOSA	37	6	46	-7	22	5	0.00	-0.03	0.00	0.89	151	0.07	27	84	59	0	7	0	0
	CO SPRINGS	47	19	61	2	33	4	0.17	0.14	0.17	0.44	62	0.18	62	77	25	0	7	1	0
	DENVER INTL	47	19	58	2	33	4	0.22	0.22	0.19	0.60	111	0.33	143	81	32	0	7	2	0
	GRAND JUNCTION	38	22	44	17	30	2	0.09	-0.01	0.08	1.67	146	0.61	98	94	78	0	7	2	0
	PUEBLO	51	15	66	-2	33	2	0.19	0.16	0.19	0.52	71	0.22	65	84	49	0	7	1	0
CT	BRIDGEPORT	40	25	58	13	33	3	0.82	0.04	0.50	6.33	85	2.01	51	82	58	0	6	4	1
	HARTFORD	40	20	61	7	30	4	0.99	0.18	0.67	6.32	82	1.77	43	81	50	0	6	4	1
DC	WASHINGTON	51	32	72	18	42	7	1.33	0.68	0.95	5.67	88	2.64	78	81	48	0	4	5	1
DE	WILMINGTON	47	25	70	14	36	5	1.45	0.75	0.72	7.71	110	3.79	104	93	50	0	5	5	2
FL	DAYTONA BEACH	74	52	83	37	63	5	0.00	-0.68	0.00	2.47	41	0.48	14	92	44	0	0	0	0
	JACKSONVILLE	71	44	85	31	58	5	0.20	-0.65	0.19	3.33	51	1.02	26	90	43	0	2	2	0
	KEY WEST	77	68	80	62	73	3	0.00	-0.45	0.00	0.96	21	0.29	12	82	65	0	0	0	0
	MIAMI	78	65	81	55	71	3	0.00	-0.46	0.00	1.06	25	0.55	27	81	51	0	0	0	0
	ORLANDO	77	52	85	40	65	4	0.04	-0.50	0.04	1.52	31	0.24	9	91	55	0	0	1	0
	PENSACOLA	68	49	77	38	59	7	0.31	-0.89	0.26	4.45	46	2.37	42	83	56	0	0	2	0
	TALLAHASSEE	70	44	79	29	57	5	0.43	-0.72	0.43	4.15	42	0.87	15	84	51	0	3	1	0
	TAMPA	76	54	82	44	65	4	0.14	-0.41	0.09	2.85	60	0.65	27	87	38	0	0	2	0
	WEST PALM BEACH	77	61	80	50	69	3	0.03	-0.83	0.02	1.94	27	0.80	20	84	56	0	0	2	0
GA	ATHENS	57	34	74	22	45	2	1.40	0.33	1.30	10.93	125	5.07	101	77	46	0	3	2	1
	ATLANTA	58	37	73	27	47	4	1.66	0.47	1.51	10.97	119	5.05	94	68	49	0	2	3	1
	AUGUSTA	64	35	81	20	49	4	0.31	-0.72	0.31	5.28	67	0.61	13	79	38	0	3	1	0
	COLUMBUS	66	42	78	28	54	7	1.06	0.00	1.02	8.47	89	3.24	64	83	37	0	1	3	1
	MACON	63	36	76	20	50	4	0.88	-0.28	0.88	6.91	75	2.06	39	89	42	0	2	1	1
	SAVANNAH	67	41	78	27	54	4	0.26	-0.60	0.26	2.52	36	0.61	15	79	43	0	1	1	0
HI	HILO	80	65	84	59	73	2	0.70	-1.55	0.56	20.36	98	8.87	86	***	***	0	0	4	1
	HONOLULU	80	68	82	64	74	1	1.53	0.95	1.50	2.47	43	2.46	85	81	70	0	0	2	1
	KAHULUI	79	66	83	59	72	1	1.04	0.27	0.66	2.27	32	2.03	51	88	74	0	0	5	1
	LIHUE	76	65	78	62	71	-1	3.03	2.10	1.67	10.16	106	5.91	122	84	76	0	0	4	2
ID	BOISE	40	26	47	21	33	1	0.39	0.09	0.24	2.31	81	1.22	83	94	85	0	7	3	0
	LEWISTON	48	34	55	32	41	6	0.41	0.16	0.26	1.77	78	0.91	75	93	79	0	2	4	0
	POCATELLO	36	25	41	18	31	5	0.31	0.08	0.30	2.03	88	0.62	52	89	80	0	6	2	0
IL	CHICAGO/O'HARE	37	19	63	0	28	5	1.76	1.37	1.19	4.99	116	2.79	150	88	77	0	5	5	1
	MOLINE	38	19	62	-1	29	7	2.05	1.75	0.97	5.48	142	2.81	168	84	75	0	5	5	2
	PEORIA	41	23	64	1	32	9	2.33	2.02	1.76	5.87	147	3.89	245	92	72	0	5	5	1
	ROCKFORD	34	17	62	-4	25	5	1.90	1.60	0.86	5.73	161	3.24	216	85	76	0	5	6	2
	SPRINGFIELD	44	25	66	4	35	9	1.71	1.40	1.32	6.03	142	2.75	161	94	66	0	5	6	1
IN	EVANSVILLE	48	29	69	10	39	8	0.58	-0.09	0.22	9.03	136	5.56	179	74	63	0	5	5	0
	FORT WAYNE	39	22	64	5	31	7	1.01	0.57	0.45	5.77	117	3.56	163	93	77	0	5	5	0
	INDIANAPOLIS	42	23	65	5	33	6	1.65	1.13	0.95	8.07	143	5.49	209	92	75	0	5	5	1
	SOUTH BEND	37	21	59	3	29	5	2.29	1.82	1.27	7.29	133	3.86	161	86	80	0	5	7	2
IA	BURLINGTON	39	21	61	-1	30	6	1.11	0.83	0.42	4.56	131	1.76	127	93	70	0	5	4	0
	CEDAR RAPIDS	34	15	58	-8	24	5	0.70	0.48	0.51	2.21	85	0.81	72	94	76	0	6	4	1
	DES MOINES	36	18	59	-5	27	6	0.91	0.67	0.36	2.99	123	1.06	96	84	72	0	5	5	0
	DUBUQUE	29	14	55	-9	22	4	1.55	1.26	0.50	4.18	137	1.82	133	89	77	0	6	6	1
	SIOUX CITY	32	16	40	-7	24	4	0.12	0.02	0.09	1.92	151	0.25	41	85	75	0	5	3	0
	WATERLOO	29	14	49	-11	22	5	1.11	0.92	0.50	3.04	151	1.30	144	89	74	0	6	6	1
KS	CONCORDIA	44	20	69	3	32	4	0.32	0.23	0.17	1.64	106	0.71	104	87	75	0	7	4	0
	DODGE CITY	53	25	72	15	39	8	0.17	0.08	0.17	3.23	229	2.36	369	85	42	0	6	1	0
	GOODLAND	49	20	69	10	34	5	0.01	-0.05	0.01	0.63	74	0.06	13	86	56	0	7	1	0
	TOPEKA	50	26	77	6	38	10	0.29	0.10	0.12	1.38	57	0.59	58	80	68	0	4	3	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending February 2, 2013

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	53	27	74	11	40	9	0.03	-0.08	0.02	0.89	40	0.55	63	87	62	0	4	2	0
KY	JACKSON	49	27	78	9	38	4	2.59	1.80	1.79	12.38	154	5.99	158	95	59	0	4	7	1
	LEXINGTON	46	26	67	5	36	4	1.61	0.92	0.94	11.12	147	4.57	129	88	72	0	5	6	1
	LOUISVILLE	49	29	71	9	39	6	1.20	0.48	0.74	12.29	171	5.14	148	85	61	0	4	5	1
	PADUCAH	50	32	71	13	41	7	1.58	0.73	0.80	11.96	148	8.04	216	88	59	0	4	5	1
LA	BATON ROUGE	72	47	81	35	59	9	0.85	-0.58	0.85	22.78	192	14.68	222	95	43	0	0	1	1
	LAKE CHARLES	72	50	79	34	61	10	0.08	-1.07	0.08	16.15	155	11.33	194	90	50	0	0	1	0
	NEW ORLEANS	71	50	78	37	60	7	0.86	-0.61	0.79	11.74	103	6.61	105	87	60	0	0	2	1
	SHREVEPORT	69	44	79	32	57	10	0.29	-0.76	0.29	10.47	111	4.81	98	86	47	0	1	1	0
ME	CARIBOU	27	4	53	-9	15	6	0.93	0.35	0.80	6.21	98	3.14	100	80	52	0	7	2	1
	PORTLAND	36	18	54	9	27	5	0.68	-0.18	0.30	9.63	112	1.33	31	79	47	0	7	4	0
MD	BALTIMORE	49	28	70	17	38	6	2.15	1.42	1.27	6.79	97	3.68	100	78	59	0	5	5	2
MA	BOSTON	40	24	60	14	32	3	0.58	-0.29	0.31	7.06	89	1.13	27	76	45	0	6	4	0
	WORCESTER	37	20	59	8	28	5	1.27	0.42	0.81	7.07	87	1.96	45	86	50	0	7	4	1
MI	ALPENA	30	15	46	0	22	5	1.64	1.29	0.76	5.79	157	2.95	159	88	73	0	7	5	1
	GRAND RAPIDS	36	20	58	3	28	6	2.47	2.04	1.22	6.92	143	4.07	189	91	76	0	6	7	2
	HOUGHTON LAKE	30	15	48	-1	23	6	2.20	1.87	1.26	6.36	184	3.45	203	88	75	0	7	7	1
	LANSING	36	19	57	4	27	6	2.02	1.66	0.82	5.45	140	3.47	203	85	76	0	6	6	2
	MUSKEGON	35	20	59	3	28	5	3.48	3.03	2.56	8.36	168	5.32	226	83	77	0	7	7	1
	TRAVERSE CITY	31	20	51	9	25	5	1.67	1.04	0.72	5.27	91	2.28	72	92	69	0	7	6	1
MN	DULUTH	18	2	32	-22	10	1	0.21	-0.05	0.12	2.93	138	1.49	125	78	66	0	7	4	0
	INT'L FALLS	15	-6	32	-39	5	1	0.65	0.46	0.34	3.34	209	2.20	244	85	67	0	7	4	0
	MINNEAPOLIS	21	9	33	-13	15	1	0.61	0.40	0.49	2.61	124	0.96	87	90	74	0	7	4	0
	ROCHESTER	23	12	38	-10	18	5	0.63	0.43	0.33	2.76	137	0.97	97	82	70	0	7	6	0
	ST. CLOUD	20	6	34	-18	13	3	0.25	0.08	0.10	2.07	138	0.55	68	86	65	0	7	5	0
MS	JACKSON	68	43	78	31	56	11	1.09	-0.15	1.09	17.29	152	8.58	143	87	46	0	1	1	1
	MERIDIAN	65	40	78	27	53	6	1.65	0.32	1.65	18.90	163	9.82	156	94	68	0	3	1	1
	TUPELO	61	39	76	25	50	9	2.13	1.09	2.05	15.92	138	8.83	162	80	59	0	3	2	1
MO	COLUMBIA	51	29	77	6	40	11	1.76	1.34	1.53	4.04	93	2.40	129	86	54	0	5	4	1
	KANSAS CITY	47	24	74	2	35	7	0.78	0.56	0.59	2.39	84	1.05	87	86	63	0	4	3	1
	SAINT LOUIS	51	30	74	9	41	10	1.95	1.48	1.44	5.24	102	3.24	143	73	61	0	5	4	1
	SPRINGFIELD	52	30	74	7	41	9	1.70	1.20	1.65	4.18	77	3.08	137	80	64	0	4	4	1
MT	BILLINGS	37	17	50	1	27	2	0.20	0.05	0.09	0.87	57	0.59	69	85	58	0	7	3	0
	BUTTE	32	11	38	-5	21	2	0.09	0.01	0.05	0.58	54	0.29	53	92	58	0	7	3	0
	CUT BANK	41	15	54	-4	28	8	0.00	-0.06	0.00	0.43	58	0.00	0	78	42	0	7	0	0
	GLASGOW	23	3	36	-22	13	1	0.14	0.08	0.05	0.98	132	0.49	132	84	72	0	7	3	0
	GREAT FALLS	41	15	50	-7	28	5	0.13	0.02	0.11	1.19	86	0.63	89	80	45	0	7	3	0
	HAVRE	27	8	39	-8	17	1	0.46	0.39	0.32	1.84	184	1.45	296	81	72	0	7	4	0
	MISSOULA	39	26	42	22	33	8	0.21	0.02	0.17	2.84	125	1.19	106	94	83	0	5	4	0
NE	GRAND ISLAND	38	22	55	7	30	6	0.06	-0.04	0.06	1.75	143	0.09	16	87	73	0	7	1	0
	LINCOLN	35	17	46	-1	27	4	0.35	0.25	0.18	2.08	134	0.58	84	88	76	0	5	3	0
	NORFOLK	34	16	49	-2	25	3	0.13	0.02	0.09	1.43	114	0.30	50	82	71	0	6	3	0
	NORTH PLATTE	41	19	53	12	30	5	0.21	0.15	0.18	0.61	75	0.24	59	90	56	0	7	3	0
	OMAHA	34	19	46	-3	27	4	0.24	0.09	0.18	2.19	127	0.34	42	83	75	0	5	3	0
	SCOTTSBLUFF	42	18	60	2	30	4	0.16	0.05	0.11	0.46	41	0.27	47	89	71	0	7	3	0
	VALENTINE	36	14	59	-3	25	3	0.13	0.07	0.09	0.55	85	0.26	81	85	70	0	7	4	0
NV	ELY	38	13	48	-13	25	-1	0.26	0.11	0.13	2.31	180	0.59	76	83	71	0	7	2	0
	LAS VEGAS	61	42	66	37	52	3	0.00	-0.14	0.00	0.59	57	0.10	16	57	37	0	0	0	0
	RENO	50	26	58	20	38	3	0.03	-0.22	0.03	2.23	111	0.13	12	78	60	0	7	1	0
	WINNEMUCCA	42	24	49	14	33	1	0.05	-0.11	0.03	2.04	121	0.35	40	89	75	0	7	2	0
NH	CONCORD	36	15	58	5	25	5	0.95	0.32	0.51	5.76	94	1.54	49	84	49	0	7	4	1
NJ	NEWARK	45	26	66	16	36	5	1.88	1.05	0.84	8.41	108	3.35	80	76	49	0	5	6	2
NM	ALBUQUERQUE	51	30	59	22	40	3	0.00	-0.08	0.00	0.23	23	0.11	22	70	32	0	5	0	0
NY	ALBANY	37	19	56	4	28	6	0.90	0.36	0.36	5.52	104	1.46	56	89	56	0	6	4	0
	BINGHAMTON	36	21	57	7	29	8	1.70	1.11	0.67	7.57	131	2.37	86	87	70	0	5	7	1
	BUFFALO	40	24	66	13	32	8	2.03	1.38	0.78	6.42	90	2.78	83	89	64	0	5	6	1
	ROCHESTER	42	25	64	11	33	10	1.00	0.50	0.49	4.92	94	1.35	54	86	68	0	6	5	0
	SYRACUSE	38	22	63	7	30	8	1.56	1.00	0.38	9.69	165	2.12	77	85	60	0	6	6	0
NC	ASHEVILLE	53	29	71	20	41	5	2.86	1.92	2.75	12.97	168	8.59	198	79	62	0	4	3	1
	CHARLOTTE	55	33	77	23	44	2	0.88	0.00	0.83	8.14	110	4.30	101	83	42	0	3	3	1
	GREENSBORO	53	33	72	19	43	5	1.00	0.22	0.90	8.24	121	5.52	147	84	45	0	4	3	1
	HATTERAS	58	41	69	31	50	4	0.28	-0.92	0.28	8.69	81	2.18	35	87	54	0	1	1	0
	RALEIGH	55	33	73	19	44	4	0.46	-0.44	0.37	6.08	83	3.14	74	76	50	0	4	3	0
	WILMINGTON	62	37	77	24	50	4	0.18	-0.81	0.18	6.74	79	2.14	45	88	42	0	4	1	0
ND	BISMARCK	21	-1	36	-17	10	-2	0.09	0.00	0.08	0.99	108	0.36	75	84	72	0	7	2	0
	DICKINSON	23	5	35	-19	14	-2	0.02	-0.08	0.01	0.35	47	0.09	23	90	72	0	7	2	0
	FARGO	16	-2	33	-21	7	-1	0.59	0.45	0.47	1.17	85	0.80	100	82	70	0	7	4	0
	GRAND FORKS	12	-2	27	-19	5	-2	0.03	-0.11	0.03	0.78	61	0.47	65	86	69	0	7	1	0
	JAMESTOWN	17	-3	29	-20	7	-3	0.09	-0.04	0.07	0.19	17	0.10	15	85	70	0	7	2	0
	WILLISTON	18	-3	33	-21	8	-2	0.09	0.00	0.05	1.12	99	0.54	96	89	81	0	7	3	0
OH	AKRON-CANTON	40	22	66	9	31	6	1.19	0.67	0.49	6.39	114	2.18	83	86	70	0	5	6	0
	CINCINNATI	44	25	67	7	34	4	1.43	0.80	0.78	9.17	144	3.42	110	83	70	0	5	4	1
	CLEVELAND	40	22	63	10	31	5	1.35	0.80	0.52	6.35	110	2.42	92	91	68	0	5	7	1
	COLUMBUS	43	23	67	8	33	5	1.30	0.75	0.63	8.26	147	2.55	95	82	70	0	4	5	1
	DAYTON	41	22	66	5	32	5	1.33	0.78	0.82	6.85	117	3.08	112	90	71	0	5	6	1
	MANSFIELD	39	21	62	8	30	6	1.31	0.76	0.72	6.38	105	2.52	90	94	70	0	6	5	1

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending February 2, 2013

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	40	21	63	8	30	6	0.84	0.42	0.39	5.84	124	3.69	179	85	71	0	6	5	0
	YOUNGSTOWN	39	21	64	5	30	5	1.07	0.57	0.26	7.28	134	2.09	84	84	66	0	5	7	0
OK	OKLAHOMA CITY	61	35	74	19	48	10	0.77	0.55	0.75	1.85	57	1.18	88	81	49	0	4	2	1
	TULSA	58	34	75	16	46	9	0.92	0.59	0.91	2.39	58	1.54	91	80	61	0	4	2	1
OR	ASTORIA	49	41	57	34	45	2	3.25	1.11	1.47	23.83	116	9.20	90	93	87	0	0	6	3
	BURNS	40	20	49	12	30	4	0.15	-0.10	0.14	2.12	83	0.39	31	89	82	0	7	2	0
	EUGENE	49	36	53	32	42	1	0.20	-1.52	0.11	8.86	54	1.41	17	97	91	0	1	4	0
	MEDFORD	45	35	48	31	40	-1	0.16	-0.39	0.09	6.63	120	0.97	37	93	76	0	1	3	0
	PENDLETON	47	35	53	29	41	6	0.04	-0.27	0.04	2.17	72	0.98	64	85	75	0	3	1	0
	PORTLAND	49	40	55	34	45	4	1.89	0.77	0.87	11.07	100	3.51	65	95	88	0	0	5	2
	SALEM	49	38	55	29	44	3	0.26	-1.07	0.14	9.04	71	1.64	26	97	92	0	1	5	0
PA	ALLENTOWN	42	23	66	6	33	6	2.81	2.06	1.32	8.44	119	4.13	111	81	59	0	5	5	2
	ERIE	41	24	65	12	33	7	1.58	1.06	0.68	8.33	130	3.52	131	81	66	0	5	7	1
	MIDDLETOWN	42	24	64	10	33	4	1.95	1.29	1.44	7.02	112	3.23	107	93	56	0	5	4	1
	PHILADELPHIA	46	27	68	17	36	4	1.08	0.35	0.56	7.76	110	3.34	90	74	51	0	5	3	1
	PITTSBURGH	42	23	68	7	33	5	1.38	0.79	0.86	7.73	135	2.19	76	89	64	0	5	4	1
	WILKES-BARRE	45	23	67	5	34	8	1.31	0.76	0.41	6.08	118	2.16	82	84	49	0	5	6	0
	WILLIAMSPORT	38	20	61	3	29	3	1.74	1.08	0.94	8.27	138	2.66	88	84	67	0	6	5	1
RI	PROVIDENCE	41	23	62	11	32	3	0.81	-0.14	0.62	7.49	85	1.94	42	72	51	0	6	4	1
SC	BEAUFORT	64	40	76	27	52	3	0.14	-0.76	0.12	3.35	45	0.61	14	86	44	0	1	3	0
	CHARLESTON	65	40	78	28	52	4	0.15	-0.71	0.10	3.91	52	0.35	8	84	43	0	2	2	0
	COLUMBIA	63	36	82	22	49	4	0.40	-0.64	0.40	4.73	57	1.22	25	77	43	0	2	1	0
	GREENVILLE	54	34	70	21	44	3	1.28	0.32	1.26	11.12	130	5.31	113	86	48	0	3	2	1
SD	ABERDEEN	23	-1	36	-31	11	-1	0.73	0.65	0.64	1.61	183	0.86	172	81	75	0	7	3	1
	HURON	25	6	38	-12	15	0	0.21	0.13	0.10	1.46	164	0.34	68	89	74	0	7	3	0
	RAPID CITY	34	12	50	-1	23	0	0.20	0.14	0.10	0.63	80	0.38	97	85	61	0	7	3	0
	SIOUX FALLS	26	12	36	-8	19	4	0.27	0.18	0.20	1.78	170	0.47	89	86	75	0	7	3	0
TN	BRISTOL	51	29	70	15	40	5	2.47	1.67	2.11	14.25	200	10.25	273	93	49	0	4	7	1
	CHATTANOOGA	54	34	68	23	44	4	2.20	0.99	2.17	15.35	145	9.78	170	83	64	0	2	2	1
	KNOXVILLE	52	32	69	20	42	4	2.91	1.93	2.89	18.89	202	12.71	262	84	55	0	3	3	1
	MEMPHIS	61	41	76	22	51	10	3.80	2.85	2.03	13.47	132	9.75	216	80	49	0	3	4	2
	NASHVILLE	54	34	73	17	44	7	1.33	0.49	1.17	11.92	136	7.21	171	84	55	0	4	3	1
TX	ABILENE	68	43	80	32	55	11	0.00	-0.19	0.00	1.26	55	1.22	118	72	44	0	2	0	0
	AMARILLO	61	31	73	22	46	9	0.08	-0.03	0.08	1.34	106	0.80	121	77	27	0	5	1	0
	AUSTIN	74	43	85	26	59	8	0.02	-0.37	0.02	3.56	80	2.72	136	72	47	0	2	1	0
	BEAUMONT	72	51	77	33	61	8	0.12	-1.03	0.12	14.73	131	8.33	139	94	49	0	0	1	0
	BROWNSVILLE	79	59	85	43	69	9	0.00	-0.35	0.00	1.81	70	1.49	102	82	46	0	0	0	0
	CORPUS CHRISTI	79	57	91	36	68	11	0.00	-0.37	0.00	1.29	37	1.26	73	70	49	1	0	0	0
	DEL RIO	76	51	87	37	63	11	0.00	-0.15	0.00	1.37	100	1.33	215	68	45	0	0	0	0
	EL PASO	60	34	68	24	47	0	0.00	-0.08	0.00	0.40	32	0.30	64	58	23	0	4	0	0
	FORT WORTH	69	45	80	29	57	12	0.39	0.02	0.39	6.02	131	4.07	202	74	36	0	2	1	0
	GALVESTON	69	58	73	45	64	8	0.14	-0.73	0.08	10.15	129	7.28	169	92	60	0	0	2	0
	HOUSTON	73	49	81	33	61	9	0.12	-0.68	0.12	6.11	80	3.26	83	81	51	0	0	1	0
	LUBBOCK	63	32	75	23	48	9	0.03	-0.09	0.03	1.59	131	0.91	169	72	41	0	5	1	0
	MIDLAND	65	36	77	27	51	7	0.00	-0.11	0.00	1.54	127	1.46	261	73	38	0	3	0	0
	SAN ANGELO	70	43	79	28	57	11	0.03	-0.17	0.03	1.62	90	1.44	166	70	39	0	2	1	0
	SAN ANTONIO	74	48	86	31	61	10	0.00	-0.36	0.00	3.22	86	2.85	161	81	37	0	1	0	0
	VICTORIA	74	51	80	34	63	9	0.00	-0.52	0.00	4.20	83	2.74	106	81	59	0	0	0	0
	WACO	72	43	81	29	58	11	0.05	-0.37	0.05	5.86	122	5.05	249	75	54	0	2	1	0
	WICHITA FALLS	66	38	81	22	52	11	0.20	-0.03	0.20	1.27	44	0.67	56	82	54	0	3	1	0
UT	SALT LAKE CITY	37	24	46	14	31	1	0.82	0.52	0.56	2.72	101	1.33	91	93	68	0	6	4	1
VT	BURLINGTON	34	16	57	3	25	8	0.85	0.37	0.30	4.45	97	1.15	49	83	52	0	6	5	0
VA	LYNCHBURG	51	28	74	13	39	4	1.07	0.30	0.85	8.74	125	6.09	162	84	53	0	5	3	1
	NORFOLK	56	35	76	24	46	6	0.37	-0.50	0.34	7.31	102	2.83	68	75	44	0	4	3	0
	RICHMOND	55	32	74	17	44	8	0.97	0.24	0.72	8.17	119	5.34	142	75	49	0	5	3	1
	ROANOKE	52	32	74	16	42	6	2.81	2.07	2.65	9.85	156	7.27	211	69	51	0	4	4	1
	WASH/DULLES	50	28	72	13	39	7	2.54	1.88	2.09	6.58	104	3.71	115	83	58	0	5	4	1
WA	OLYMPIA	47	39	50	31	43	4	0.53	-1.18	0.30	13.66	86	3.92	49	94	87	0	1	4	0
	QUILLAYUTE	50	40	57	34	45	4	3.22	0.09	0.81	27.61	95	10.08	69	90	83	0	0	6	4
	SEATTLE-TACOMA	47	41	53	38	44	2	0.82	-0.33	0.25	11.04	100	4.19	77	94	87	0	0	6	0
	SPOKANE	36	27	43	24	32	3	0.20	-0.19	0.12	4.43	106	1.85	96	94	85	0	6	3	0
	YAKIMA	51	27	61	24	39	8	0.00	-0.22	0.00	2.23	85	0.10	8	87	75	0	7	0	0
WV	BECKLEY	46	25	67	7	36	5	2.38	1.67	1.78	8.24	126	5.05	147	86	63	0	5	6	1
	CHARLESTON	50	27	72	7	38	4	2.10	1.36	1.22	9.42	139	4.56	132	88	56	0	4	6	1
	ELKINS	48	19	70	-5	33	4	2.42	1.66	1.39	9.11	129	4.77	131	90	53	0	5	6	2
	HUNTINGTON	54	28	87	10	41	8	2.12	1.43	1.39	9.72	143	4.82	141	90	52	0	4	6	1
WI	EAU CLAIRE	22	11	35	-12	16	3	0.71	0.49	0.34	2.87	135	1.02	93	89	63	0	7	4	0
	GREEN BAY	27	13	45	-6	20	4	5.05	4.79	3.70	8.25	307	5.71	446	86	68	0	7	6	2
	LA CROSSE	25	14	44	-9	19	2	0.89	0.61	0.42	3.09	124	1.11	87	93	65	0	6	7	0
	MADISON	28	15	54	-6	22	4	2.63	2.34	1.83	5.57	186	2.97	222	85	74	0	5	7	1
	MILWAUKEE	31	17	60	-1	24	3	2.28	1.87	1.67	7.14	170	3.27	166	87	74	0	6	6	1
WY	CASPER	40	15	51	-2	27	4	0.16	0.05	0.15	0.67	54	0.28	46	78	59	0	6	2	0
	CHEYENNE	41	18	53	5	29	3	0.02	-0.06	0.02	0.73	78	0.16	34	69	41	0	7	1	0
	LANDER	39	14	49	3	27	6	0.36	0.26	0.31	1.11	97	0.70	130	78	40	0	7	2	0
	SHERIDAN	33	11	40	-3	22	-1	0.97	0.82	0.31	1.53	103	1.03	127	89	75	0	7	6	0

Based on 1971-2000 normals ***** Not Available**

National Agricultural Summary

January 28 – February 3, 2013

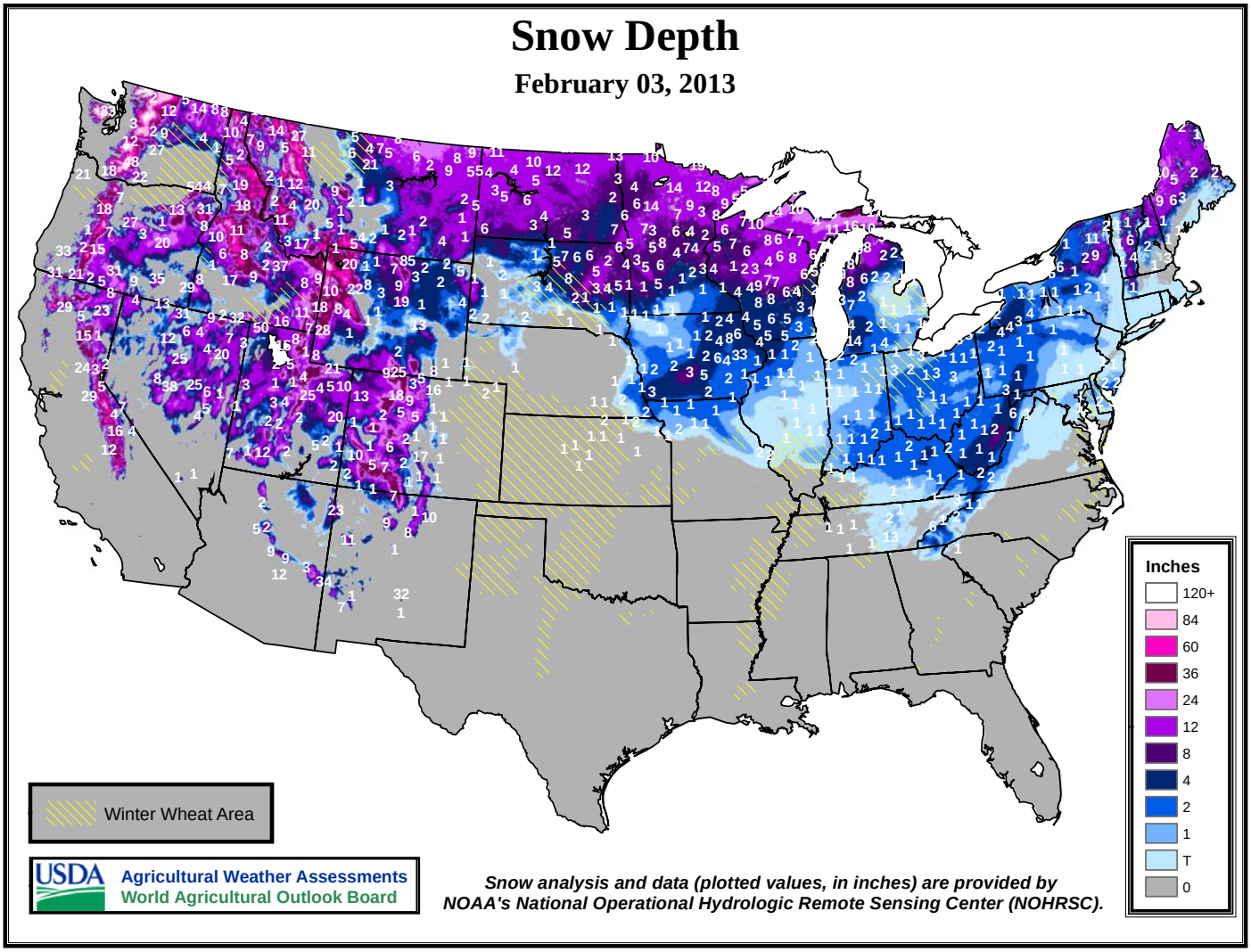
Weekly National Agricultural Summary provided by USDA/NASS

Temperatures across much of the United States were near to above average during the week. Most notably, portions of Texas and the lower Mississippi Valley recorded temperatures more than 10°F above normal. Beneficial moisture fell throughout much of the eastern half of the country. An early-week storm system produced moisture in excess of 2 inches in portions of the Corn Belt and Appalachian Mountain States, while total rainfall in areas along the Gulf of Mexico was below average.

In Florida, abnormally dry conditions intensified during the week, under a regime of persistently above-normal temperatures and below-average rainfall. Most small grain crops needed increased moisture to sustain normal growth. Many fruit and vegetable crops were maturing ahead of normal due to above-average temperatures. Despite measurable rainfall across much of the citrus-producing region, drought conditions spread as bloom signaled the start of the growing season. Irrigation continued at a steady pace. Valencia harvest was underway, while early and mid-season varieties were heavily picked.

Despite a few chilly days, average temperatures were near normal and precipitation was spotty in Arizona during the week. Alfalfa producers continued to harvest hay from approximately half of the state's acreage, while fields were inspected for damage due to a recent frost. Small grain seeding was nearing completion by week's end. Range and pasture lands benefited from recent storms and favorably warm weather. Fruit and vegetable producers continued to harvest and ship a variety of crops.

Mild weather blanketed California, while light precipitation was evident in the north early in the week and in the south by week's end. Alfalfa fields broke dormancy in portions of the San Joaquin Valley. Irrigation began for many small grain crops due to warm weather and below-average soil moisture. Citrus and avocado growers continued to run freeze protection measures overnight, while damage assessments were ongoing. Bud swell was evident but in the early stages in stone fruit and almond orchards. Pre-emergent sprays, orchard removal, planting, and pruning continued throughout the state. Vegetable crop field activity was minimal, but included broccoli, lettuce, and spinach harvest.



International Weather and Crop Summary

January 27 - February 2, 2013

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

EUROPE: Mild, wet weather across northern Europe was favorable for dormant winter crops but melted most of the region's snow cover.

FSU-WESTERN: Generally mild weather prevailed, although a fresh snowfall insulated winter grains against potential incursions of bitter cold in northern crop areas.

MIDDLE EAST: Mild, wet weather continued, benefiting winter grains but keeping the region devoid of a protective snow cover.

NORTHWEST AFRICA: Showers continued in the east, while sunny skies promoted winter grain growth in the west.

SOUTHEAST ASIA: Continued rainfall in Java, Indonesia, ensured favorable rice prospects.

AUSTRALIA: The remnants of Tropical Cyclone Oswald continued to soak parts of eastern Australia before slowly departing.

SOUTH AFRICA: Warm, showery weather fostered growth of corn and other summer crops.

ARGENTINA: Rain moved into central Argentina, although pockets of dryness lingered in some high-yielding farming areas.

BRAZIL: Dry weather reduced moisture for corn and soybeans in the south, but abundant rain continued throughout key central production areas.

January 2013

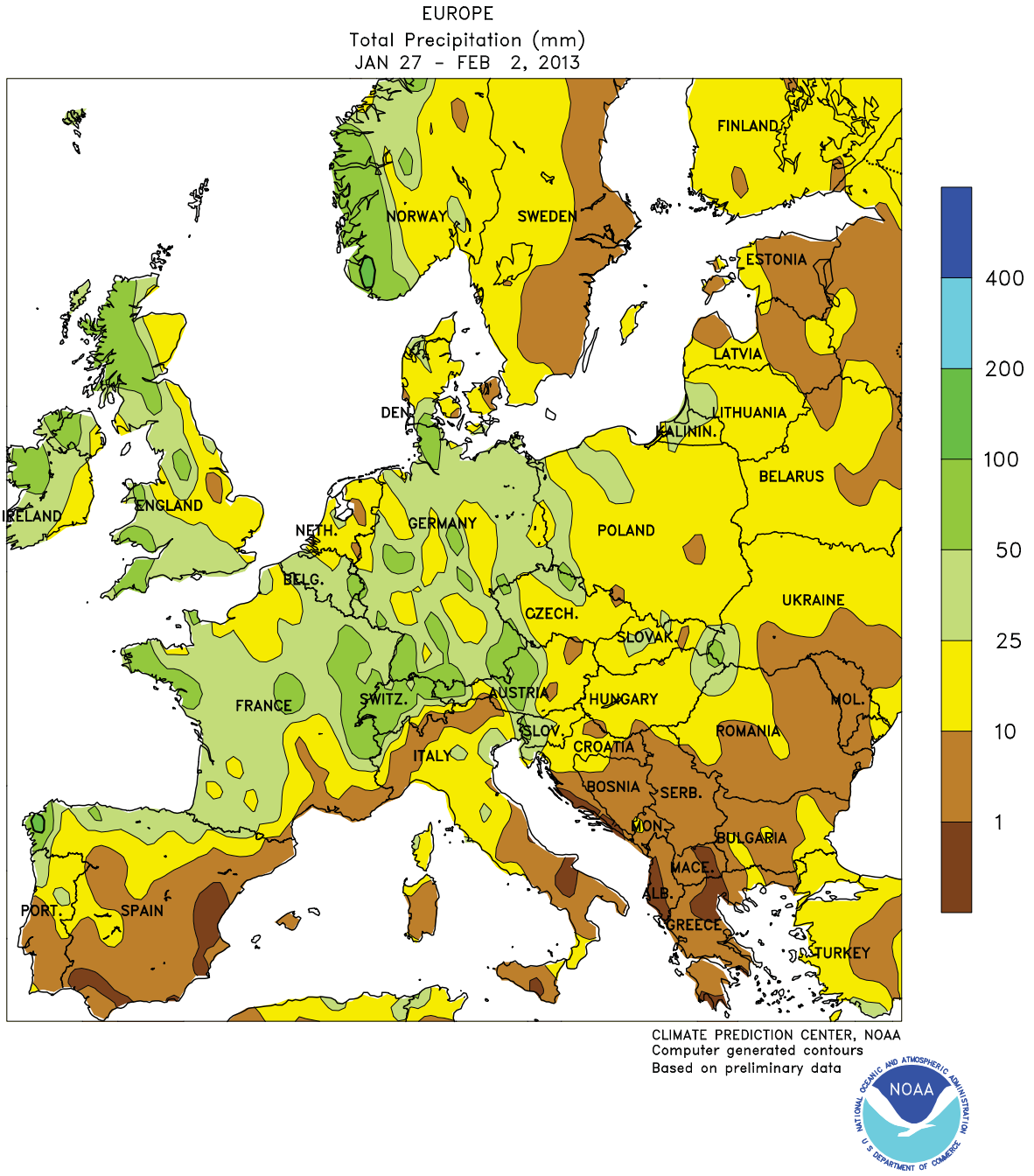
COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	17	6	23	2	12	0.8	100	31
	BATNA	12	1	20	-4	7	1.4	30	3
ARGENT	IGUAZU	32	19	37	15	26	-0.3	162	-8
	FORMOSA	34	21	41	15	27	-0.2	101	-56
	CERES	33	19	41	12	26	0.7	80	-54
	CORDOBA	31	16	39	7	24	0.4	75	-64
	RIO CUARTO	30	17	37	9	24	0.6	88	-45
	ROSARIO	31	18	37	9	25	0.2	67	-41
	BUENOS AIRES	30	18	37	8	24	0.7	22	-82
	SANTA ROSA	32	16	39	7	24	0.6	39	-51
	TRES ARROYOS	28	20	37	12	24	2.3	73	-9
AUSTRA	DARWIN	32	27	34	24	30	1.4	368	-118
	BRISBANE	29	24	31	20	27	1.5	413	254
	PERTH	32	18	39	13	25	1	7	-1
	CEDUNA	28	16	44	9	22	0.4	4	-8
	ADELAIDE	27	16	44	11	22	-0.1	23	-14
	MELBOURNE	27	14	42	8	21	1.1	25	-23
	WAGGA	35	18	44	9	27	3.1	13	-35
	CANBERRA	32	17	40	6	24	3.9	76	9
AUSTRI	VIENNA	2	-2	14	-15	0	0.3	76	49
	INNSBRUCK	3	-3	9	-12	0	1.2	95	49
BAHAMA	NASSAU	27	21	30	16	24	2.4	5	-41
BARBAD	BRIDGETOWN	29	23	30	22	26	0.5	64	1
BELARU	MINSK	-6	-9	4	-19	-7	-2.3	49	7
BERMUD	ST GEORGES	20	16	23	11	18	-0.6	53	-66
BOLIVI	LA PAZ	14	4	19	1	9	0.3	118	-43
BRAZIL	FORTALEZA	30	26	32	23	28	-0.2	20	-89
	RECIFE	29	25	31	22	27	-1.8	108	47
	CAMPO GRANDE	31	22	34	19	27	0.7	120	-99
	FRANCA	28	19	31	16	24	0.8	253	-31
	RIO DE JANEIR	O 30	23	37	21	26	-0.8	249	114
	LONDRINA	30	20	33	16	25	0.8	203	-5
	SANTA MARIA	30	18	37	12	24	-1.3	143	-8
	TORRES	27	20	31	14	24	-2.4	117	-41
BULGAR	SOFIA	4	-2	16	-14	1	1.3	41	15
BURKIN	OUAGADOUGOU	34	17	38	12	25	0.6	0	0
CANADA	TORONTO	2	-6	15	-21	-2	4	66	15
	MONTREAL	-3	-13	10	-27	-8	2.1	65	-8
	WINNIPEG	-11	-22	3	-35	-17	0.9	30	11
	REGINA	-9	-21	4	-35	-15	1.2	0	-14
	SASKATOON	-10	-21	4	-36	-16	1.2	0	-15
	LETHBRIDGE	-15	-23	10	-39	-18	-10.7	6	-12
	CALGARY	0	-11	9	-24	-6	2.8	15	5
	EDMONTON	-4	-14	8	-29	-9	2.2	14	-5
	VANCOUVER	5	0	10	-6	3	-0.5	100	-51
CANARY	LAS PALMAS	22	16	24	14	19	1.1	5	-14
CHILE	SANTIAGO	30	15	36	12	22	1.5	0	-3
CHINA	HARBIN	-16	-26	3	-33	-21	-2.9	10	6
	HAMI	-5	-18	2	-24	-12	-1.5	0	-1
	BEIJING	0	-8	4	-14	-4	-0.7	3	1
	TIENTSIN	-1	-8	4	-15	-4	-1.6	5	2
	LHASA	9	-8	16	-12	1	1.5	0	-1
	KUNMING	16	3	22	0	9	0.9	10	-7
	CHENGCHOW	4	-4	15	-9	0	-0.8	6	-7
	YEHCHANG	10	2	19	-4	6	0.9	7	-16
	HANKOW	9	-2	18	-7	4	-0.3	33	-12
	CHUNGKING	11	6	17	2	9	0.9	9	-8
	CHIHKIANG	10	3	19	-3	6	1.2	22	-24
	WU HU	8	1	19	-4	4	1.1	49	1
	SHANGHAI	9	2	18	-3	5	0.7	47	-2
	NANCHANG	9	3	19	-3	6	1	26	-47
	TAIPEI	19	15	26	12	17	0.9	97	26
	CANTON	19	10	25	4	14	0.6	4	-38
	NANNING	15	10	24	4	12	-0.6	19	-16
COLOMB	BOGOTA	21	6	22	1	13	0.3	21	-11
COTE D	ABIDJAN	32	24	36	19	28	1	0	-19
CUBA	HAVANA	28	18	31	11	23	1.8	1	-63
CYPRUS	LARNACA	17	8	20	2	13	0.8	48	-9
CZECHR	PRAGUE	0	-3	12	-19	-1	0.1	44	22
DENMAR	COPENHAGEN	2	-1	10	-10	0	-0.3	51	9

Based on Preliminary Reports

January 2013

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
EGYPT	CAIRO	19	11	29	6	15	1.2	11	6
	ASWAN	25	12	35	6	18	2.8	0	0
ESTONI	TALLINN	-3	-6	4	-19	-5	-1.0	43	-15
ETHIOP	ADDIS ABABA	24	10	26	6	17	0.9	0	-25
F GUIA	CAYENNE	30	24	31	21	27	1.5	153	-284
FIJI	NAUSORI	31	23	35	21	27	0.8	337	-13
FINLAN	HELSINKI	-4	-8	3	-29	-6	-1.1	38	-7
FRANCE	PARIS/ORLY	5	2	13	-8	4	-0.6	47	-3
	STRASBOURG	4	0	16	-6	2	0.6	17	-15
	BOURGES	6	2	14	-7	4	0.3	71	16
	BORDEAUX	9	4	17	-3	7	0.5	142	55
	TOULOUSE	8	3	18	-3	5	-0.1	139	90
	MARSEILLE	11	2	17	-3	6	-0.5	38	-17
GABON	LIBREVILLE	31	25	34	23	28	0.9	454	167
GERMAN	HAMBURG	3	0	12	-10	1	0.0	66	2
	BERLIN	2	-1	12	-12	0	-0.4	55	9
	DUSSELDORF	4	0	14	-7	2	-1.0	40	-28
	LEIPZIG	2	-1	14	-15	0	0.1	42	9
	DRESDEN	1	-2	13	-12	-1	-0.8	65	29
	STUTTGART	3	-1	15	-6	1	0.7	20	-16
	NURNBERG	2	-1	13	-9	1	0.5	39	-4
	AUGSBURG	2	-2	14	-12	0	0.7	50	12
GREECE	THESSALONIKA	11	3	17	-5	7	1.4	24	-8
	LARISSA	12	1	17	-8	6	1.1	34	-26
	ATHENS	***	8	18	0	***	*****	34	-6
GUADEL	RAIZET	29	21	29	17	25	0.3	71	-13
HONGKO	HONG KONG INT	20	15	25	10	17	0.5	1	-27
HUNGAR	BUDAPEST	2	-2	11	-8	0	0.7	52	21
ICELAN	REYKJAVIK	***	***	4	-1	***	*****	*****	******
INDIA	AMRITSAR	16	5	22	1	10	-1.1	17	-10
	NEW DELHI	19	6	25	2	13	-1.4	34	13
	AHMEDABAD	27	12	32	8	20	-0.5	0	-2
	INDORE	24	10	30	6	17	-1.3	1	-4
	CALCUTTA	25	12	29	7	18	-0.9	8	-6
	VERAVAL	29	15	32	11	22	0.1	0	-3
	BOMBAY	31	15	34	10	23	-1.3	0	-2
	POONA	31	11	34	8	21	0.9	0	-1
	BEGAMPET	31	18	34	13	25	2.3	0	-7
	VISHAKHAPATNA	M 29	20	30	18	25	0.6	3	-5
	MADRAS	31	21	32	19	26	1.1	0	-26
	MANGALORE	34	21	35	19	27	0.4	0	-3
INDONE	SERANG	31	24	33	23	27	0.5	450	178
IRELAN	DUBLIN	7	3	14	-5	5	-0.3	95	27
ITALY	MILAN	6	1	16	-4	3	1.1	66	6
	VERONA	7	2	11	-4	4	2.0	85	7
	VENICE	7	2	12	-3	4	1.1	182	131
	GENOA	11	6	15	2	8	-1.0	145	58
	ROME	13	4	16	-1	8	-0.3	113	44
	NAPLES	14	6	18	-1	10	1.1	138	42
JAMAIC	KINGSTON	32	23	34	20	28	1.5	2	-23
JAPAN	SAPPORO	-2	-7	3	-12	-5	-0.9	108	-4
	NAGOYA	9	0	13	-3	5	0.2	53	9
	TOKYO	9	2	14	-1	6	-0.1	70	21
	YOKOHAMA	9	2	15	-1	6	-0.3	74	16
	KYOTO	8	1	12	-2	4	-0.8	43	-14
	OSAKA	9	2	13	-1	6	-0.4	40	-6
KAZAKH	KUSTANAY	-12	-20	-1	-31	-16	-0.3	26	7
	TSELINOGRAD	-10	-16	2	-28	-13	1.1	36	18
	KARAGANDA	-8	-14	2	-26	-11	2.3	45	23
KENYA	NAIROBI	26	15	29	12	21	1.0	39	2
LIBYA	TRIPOLI	18	8	27	5	13	1.4	59	5
	BENGHAZI	17	9	20	5	13	0.6	21	-38
LITHUA	KAUNAS	-5	-9	4	-22	-7	-3.2	48	8
LUXEMB	LUXEMBOURG	2	-1	11	-7	1	-0.2	37	-36
MALAYS	KUALA LUMPUR	33	24	34	24	29	2.1	240	72
MALI	BAMAKO	***	***	35	15	***	*****	*****	******
MARSHA	MAJURO	30	27	31	25	29	1.6	56	-138
MARTIN	LAMENTIN	29	23	30	19	26	1.5	86	-26
MAURIT	NOUAKCHOTT	30	16	34	13	23	2.1	0	-1
MEXICO	GUADALAJARA	22	10	26	7	16	0.4	31	19
	TLAXCALA	21	9	24	4	15	1.9	3	-3
	ORIZABA	21	13	30	8	17	1.8	37	-6
MOROCC	CASABLANCA	18	10	22	7	14	1.3	50	-20
	MARRAKECH	21	5	30	1	13	1.3	8	-22
MOZAMB	MAPUTO	29	22	35	15	26	-0.8	351	185
N KORE	PYONGYANG	-3	-11	9	-22	-7	-1.0	15	4
NEW CA	NOUMEA	28	24	32	21	26	0.3	96	-18
NIGER	NIAMEY	33	17	38	12	25	0.8	0	0
NORWAY	OSLO	-5	-9	4	-22	-7	-1.3	26	-33
NZEALA	AUCKLAND	25	16	27	13	20	*****	9	******
	WELLINGTON	22	15	26	9	18	*****	75	******
P RICO	SAN JUAN	29	23	30	21	26	0.9	47	-30
PAKIST	KARACHI	27	12	30	8	19	1.2	0	-11
PERU	LIMA	27	21	28	18	24	0.9	0	0
PHILIP	MANILA	29	24	33	22	27	0.1	31	5
PNEWGU	PORT MORESBY	32	26	34	23	29	1.7	306	135
POLAND	WARSAW	-2	-5	7	-16	-4	-1.6	44	22
	LODZ	-2	-4	7	-10	-3	-1.7	56	28
	KATOWICE	-1	-4	8	-15	-3	-1.1	59	22
PORTUG	LISBON	15	10	18	7	12	1.8	104	10
ROMANI	BUCHAREST	3	-5	13	-16	-1	-0.3	53	24
RUSSIA	ST.PETERSBURG	-5	-8	3	-22	-6	-0.1	39	-1
	KAZAN	-9	-13	2	-23	-11	0.4	33	-1
	MOSCOW	-7	-10	1	-18	-9	-1.2	45	1
	YEKATERINBURG	-12	-16	0	-26	-14	-0.6	30	7
	OMSK	-15	-22	-2	-32	-18	-1.4	26	1
	BARNAUL	-11	-18	3	-32	-14	1.1	29	6
	KHABAROVSK	-19	-28	-10	-34	-24	-3.0	5	-7
	VLADIVOSTOK	-11	-18	-2	-24	-15	-2.3	5	-6
	VOLGOGRAD	-4	-8	4	-17	-6	0.6	55	25
	ASTRAKHAN	0	-5	13	-13	-2	2.4	19	5
	ORENBURG	-9	-16	0	-32	-12	0.5	41	14
S AFRI	PRETORIA	32	18	39	16	25	2.4	79	-57
	JOHANNESBURG	26	16	32	13	21	1.5	117	-18
	DURBAN	28	22	33	18	25	0.8	162	26
	CAPE TOWN	27	17	35	11	22	1.2	4	-8
S KORE	SEOUL	0	-6	12	-16	-3	-0.7	22	-2
SAMOA	PAGO PAGO	30	26	32	24	28	0.2	464	108
SENEGA	DAKAR	26	20	32	18	23	1.9	0	-1
SPAIN	VALLADOLID	8	2	14	-2	5	1.2	44	2
	MADRID	10	2	18	-3	6	0.7	17	-12
	SEVILLE	16	7	22	2	12	0.7	37	-26
SWITZE	ZURICH	3	-1	13	-8	1	0.4	61	1
	GENEVA	4	-2	12	-8	1	-0.2	50	-25
SYRIA	DAMASCUS	13	2	21	-4	8	1.8	38	11
TAHITI	PAPEETE	29	24	32	23	27	-0.3	326	52
TANZAN	DAR ES SALAAM	33	25	34	20	29	1.1	101	16
THAILA	PHITSANULOK	32	20	34	17	26	0.8	28	22
	BANGKOK	33	24	35	22	29	1.5	41	31
TOGO	LOME	34	25	36	20	29	2.5	20	6
TRINID	PORT OF SPAIN	31	22	32	21	26	1.1	84	17
TUNISI	TUNIS	17	9	23	6	13	1.6	69	-1
TURKEY	ISTANBUL	10	5	18	-7	7	1.0	95	34
	ANKARA	5	-2	15	-10	2	2.9	73	38
TURKME	ASHKHABAD	13	0	24	-8	7	3.9	4	-19
UKINGD	ABERDEEN	6	2	13	-8	4	0.3	76	-29
	LONDON	6	3	14	-5	5	-0.7	45	-11
UKRAIN	KIEV	-2	-6	5	-15	-4	-0.1	59	22
	LVOV	-1	-6	7	-15	-3	0.0	76	43
	KIROVOGRAD	-1	-4	5	-11	-3	1.1	40	16
	ODESSA	3	-2	12	-13	0	0.9	67	35
	YALTA	8	5	14	-2	7	1.9	20	-42
	KHARKOV	-2	-5	3	-14	-3	2.2	52	17
UZBEKI	TASHKENT	9	1	18	-7	5	3.4	61	5
VENEZU	CARACAS	29	24	31	21	26	1.6	7	-16
YUGOSL	BELGRADE	6	1	16	-5	4	2.1	80	38
ZIMBAB	KADOMA	28	17	31	14	23	-1.4	355	175

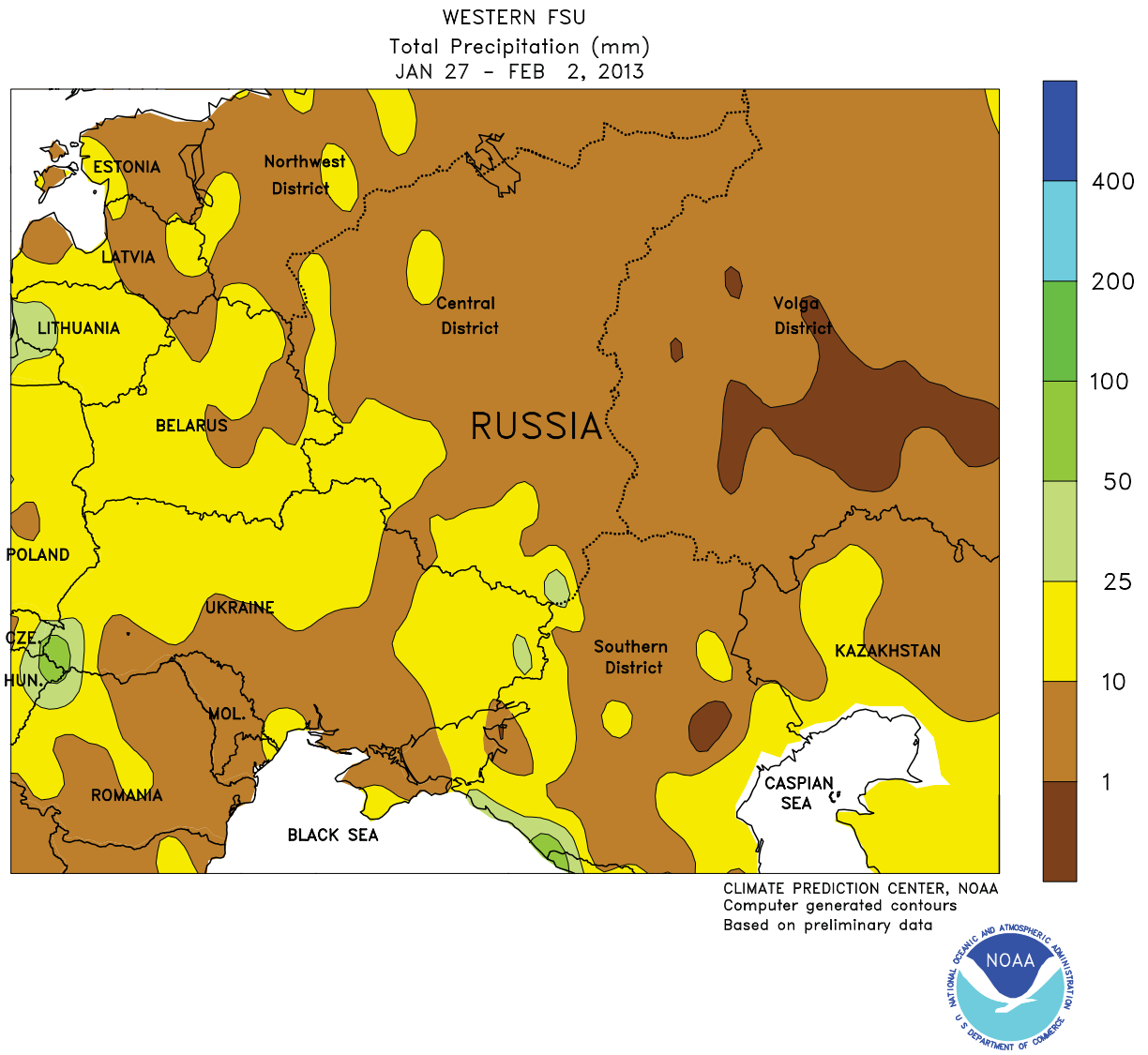
Based on Preliminary Reports



EUROPE

Mild, wet weather prevailed across much of the continent, favoring dormant (north) to vegetative (south) winter crops. A series of Atlantic storm systems generated widespread rain (20-70 mm) across central and northern Europe, boosting soil moisture reserves for spring growth. The influx of mild Atlantic air (2-6°C above normal) kept most of the continent snow free; consequently, winter grains and oilseeds remained exposed to the elements. Lighter showers (2-25 mm) fell across southern Europe, maintaining favorable soil moisture for vegetative winter wheat and barley.

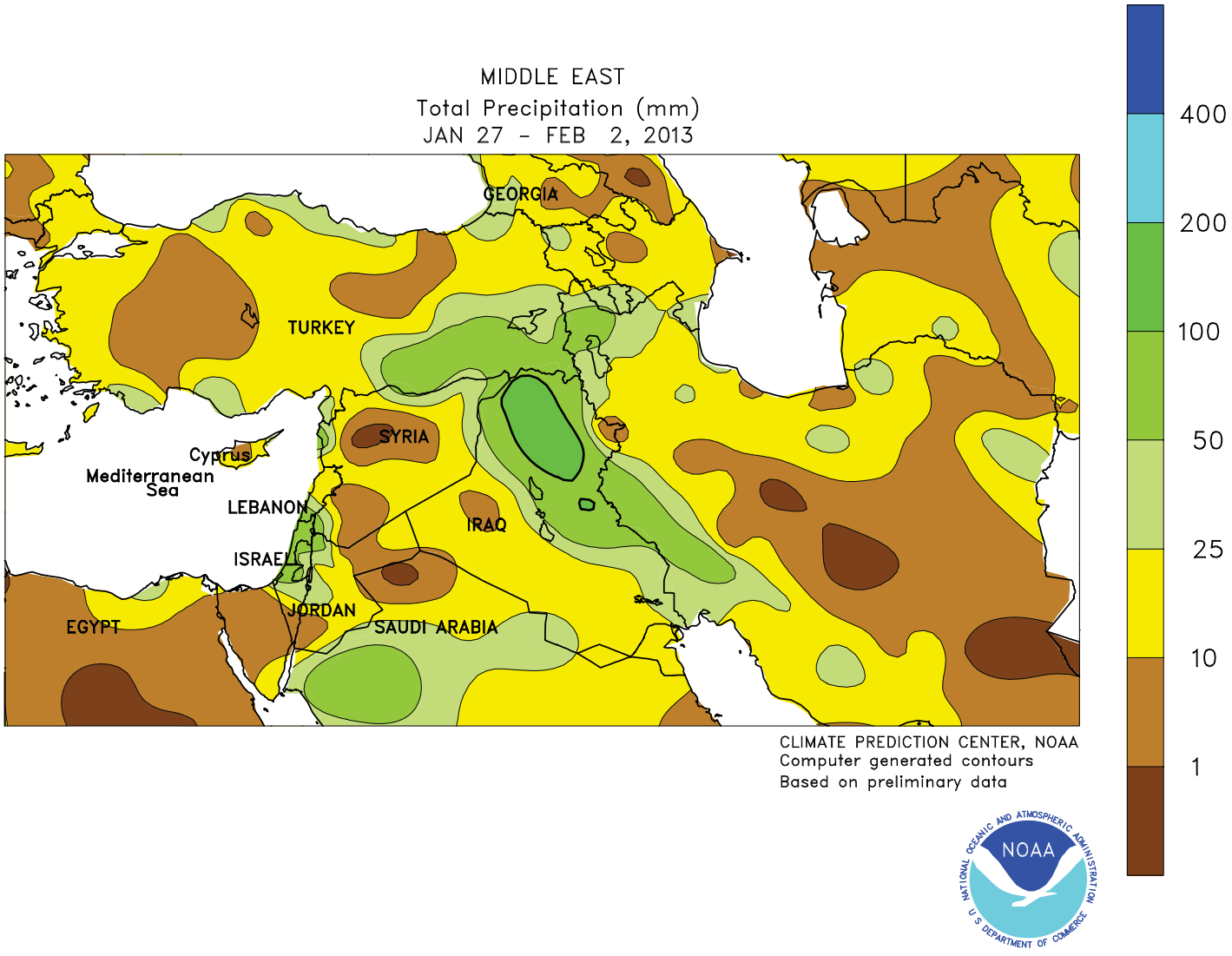
For additional information contact: mbrusberg@oce.usda.gov



WESTERN FSU

Mild, unsettled weather prevailed, maintaining mostly favorable overwintering conditions for dormant winter wheat. A pair of weak cold fronts generated occasional rain and snow (2-15 mm liquid equivalent) across central and western portions of the region. However, milder air (up to 6°C above normal) in advance of each front kept snow cover shallow and patchy in southern portions of the region. Farther north, snow was the dominant precipitation type, maintaining adequate insulation from potential incursions of bitter cold.

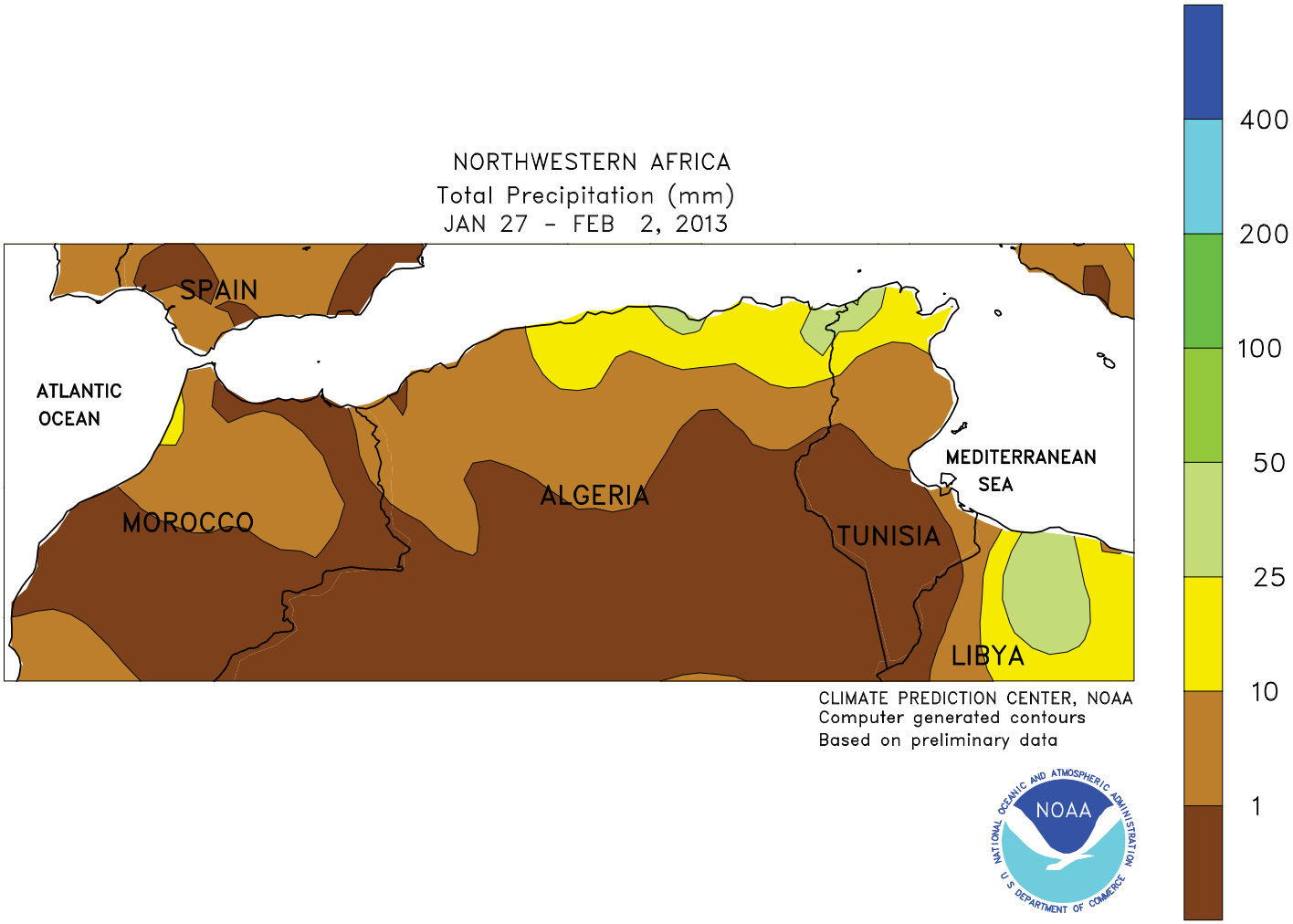
For additional information contact: mbrusberg@oce.usda.gov



MIDDLE EAST

Warm, wet weather prevailed across the region, maintaining favorable conditions for dormant to vegetative winter grains. A slow-moving storm system generated widespread rain (10-75 mm, with locally more than 100 mm) from southern and central Turkey into western and northern Iran. The rain boosted soil moisture for winter wheat and barley while further increasing irrigation supplies for warm-season crops. However, temperatures averaged up to 9°C above normal, keeping the region mostly devoid of a protective snowpack.

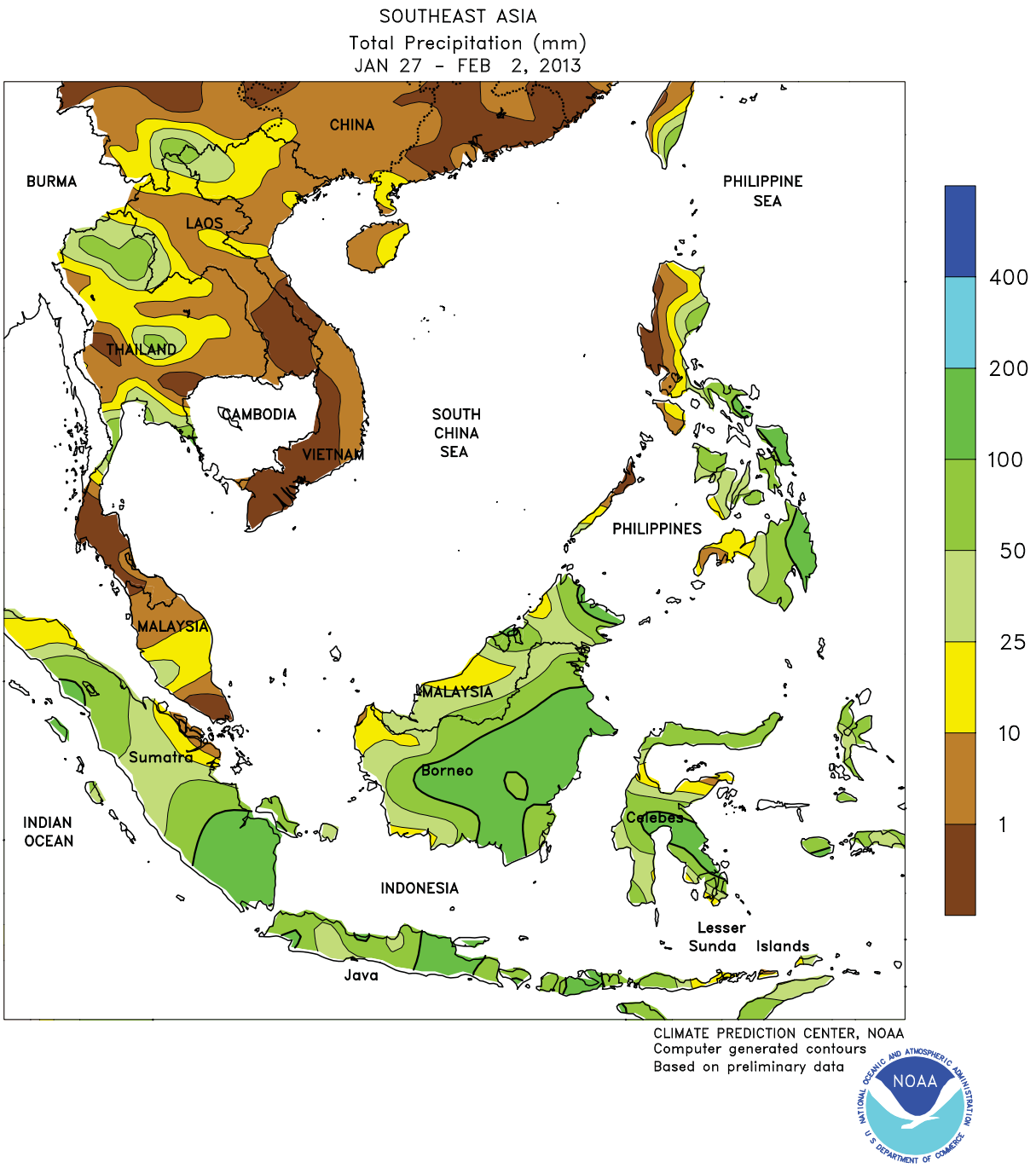
For additional information contact: mbrusberg@oce.usda.gov



NORTHWEST AFRICA

Showers in the east contrasted with generally dry weather in western crop districts. A cold front generated moderate to locally heavy showers (10-50 mm) from north-central Algeria into northern Tunisia, maintaining favorable soil moisture for vegetative winter wheat and barley. Meanwhile, sunny skies promoted winter grain development in Morocco after recent beneficial rain. Temperatures averaged 2 to 5°C above normal, with no untimely freezes reported.

For additional information contact: mbrusberg@oce.usda.gov



SOUTHEAST ASIA

Heavy monsoon showers continued across Java, Indonesia, maintaining abundant to excessive moisture supplies for rice in the late stages of reproduction. Weekly rainfall in the west returned to more normal amounts with upwards of 100 mm reported. Similar rainfall totals were reported in central Java, while over 100 to 200 mm of rain in eastern Java likely caused some localized flooding. Seasonal (since November 1) rainfall for rice across all of Java was above normal ensuring favorable crop prospects. Meanwhile, the eastern and southern Philippines continued to receive 50 to 150 mm of rainfall, maintaining beneficial moisture supplies for rice and corn. In Thailand, widespread showers (10-50 mm) — atypical for the dry season — provided an unexpected moisture boost to reservoir levels and dry season rice.

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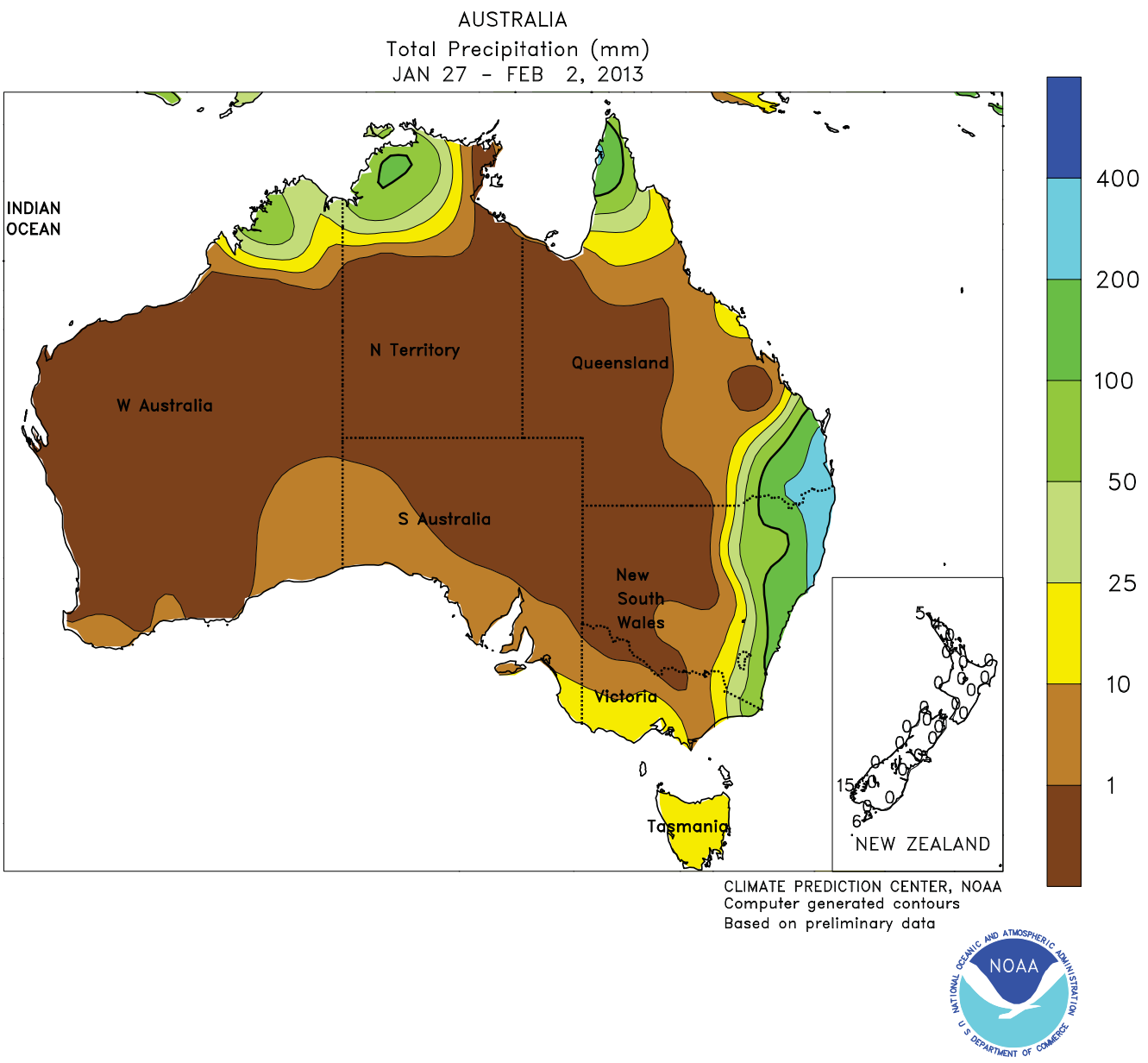

AUSTRALIA

Early in the week, the remnants of Tropical cyclone Oswald continued to trek southward along the east coast of Australia, producing heavy rains (25-200 mm, locally near 400 mm) in southeastern Queensland and eastern New South Wales. The storm caused additional fresh water flooding, especially in coastal areas, but provided a welcome boost in topsoil moisture for dryland cotton and sorghum, which is generally grown farther inland. Temperatures in major summer crop producing areas were generally seasonable, averaging within 1°C of normal.

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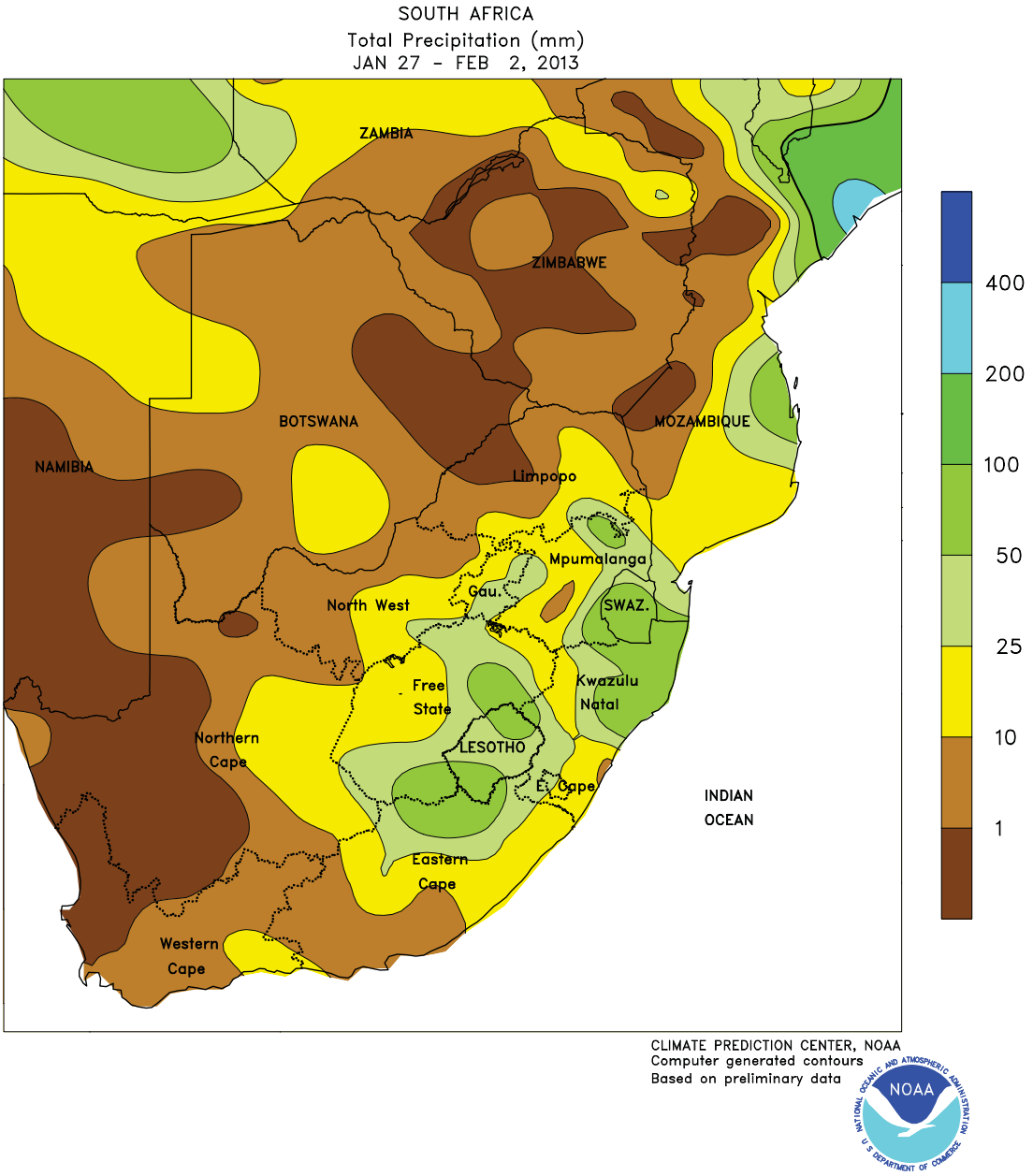

SOUTH AFRICA

Warm, showery weather maintained overall favorable conditions for corn and other summer crops in or approaching reproductive phases of development. Rainfall totaled 10 to 50 mm across the country's main eastern commercial farming areas, boosting moisture for summer crop growth after last week's spell of warmth and dryness. In contrast, drier weather prevailed in Limpopo, helping flood recovery efforts following several weeks of inundating rain. Weekly temperatures averaged more than 2°C above normal in parts of the corn belt, with daytime highs ranging from the upper 20s (degrees C) in eastern sections of the corn belt to the lower and middle 30s farther west. Conditions were overall favorable for reproductive summer crops in well-watered eastern sections of the corn belt, but additional moisture and more seasonable temperatures would be welcome for traditionally later-planted crops farther west. Elsewhere, moisture increased in the rain-fed sugarcane areas of southern KwaZulu-Natal, although amounts (mostly 10-25 mm) were still below normal. The rainfall extended southward into Eastern Cape, but warm, mostly dry weather dominated the remainder of the Cape Provinces, fostering rapid growth of irrigated summer crops and aiding harvesting of early maturing fruit crops.

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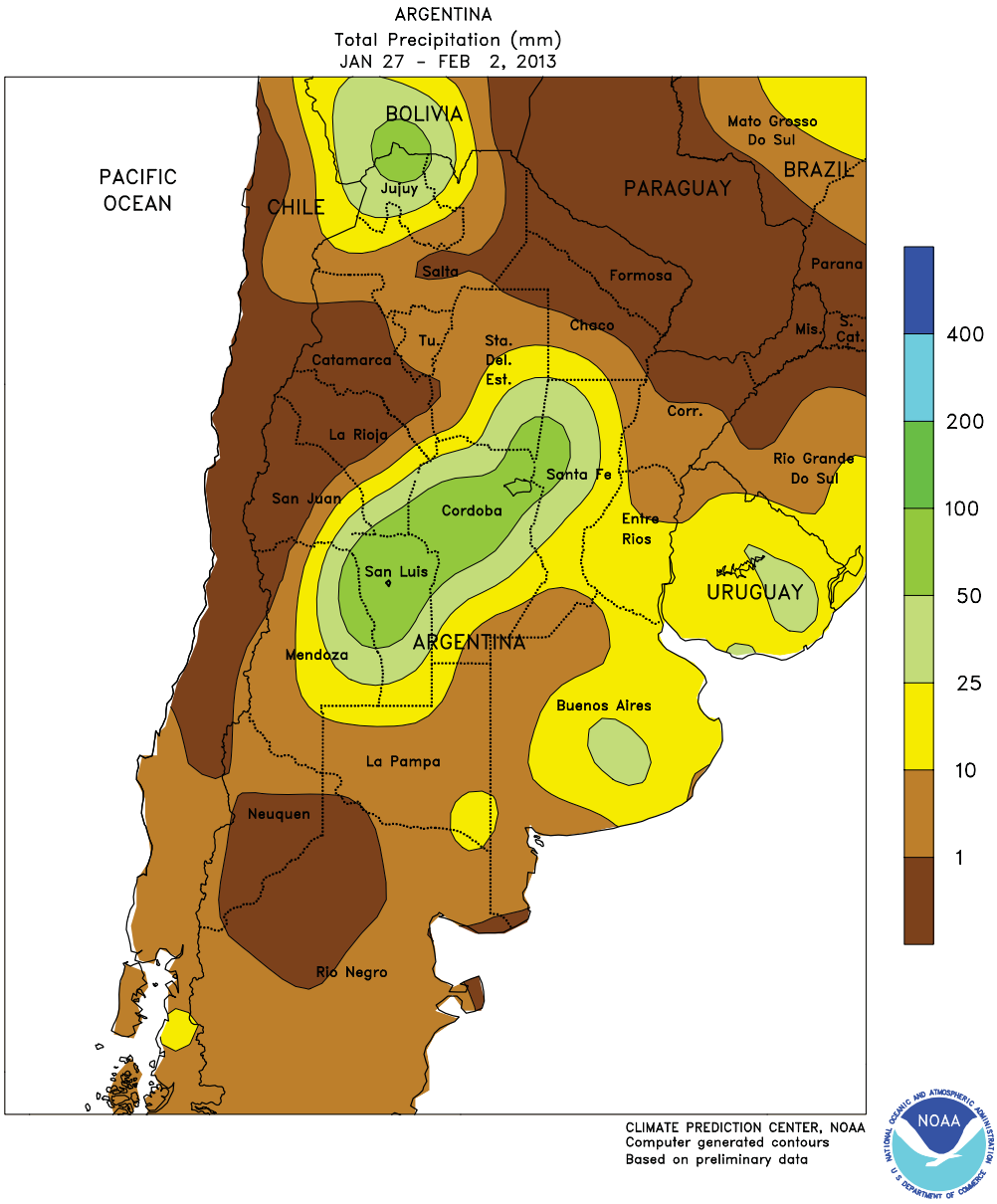
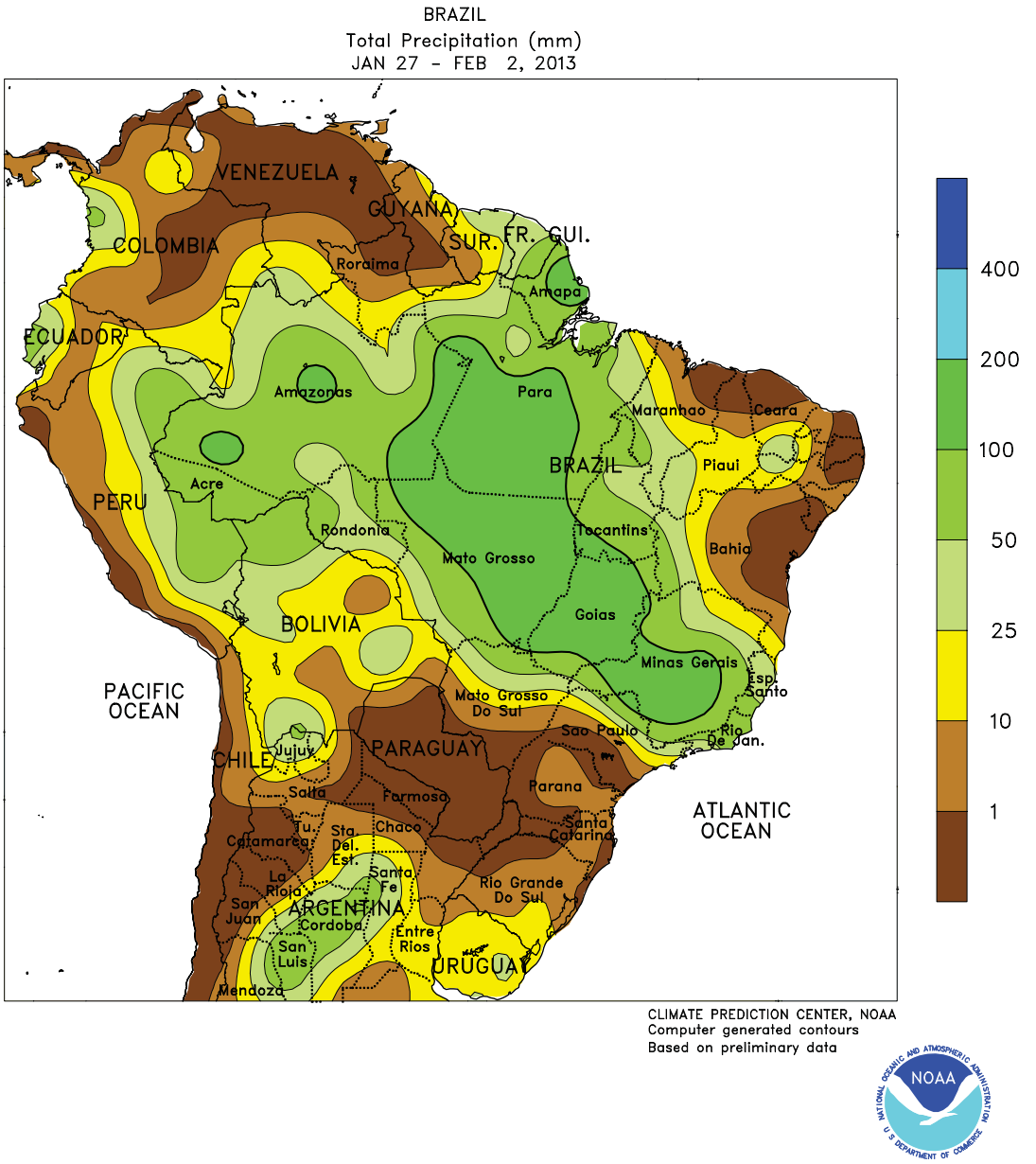


ARGENTINA

Rain returned to portions of central Argentina, though pockets of unfavorable dryness lingered over some high-yielding farming areas. The heaviest rain (25-100 mm) fell from San Luis to northern Santa Fe but most other areas recorded at least 10 mm; the exception continued to include crop areas in the vicinity of northwestern Buenos Aires, which have been trending dry since mid-December. Weekly temperatures averaged 2 to 3°C above normal throughout these areas, with daytime highs briefly reaching the middle and upper 30s (degrees C), sustaining high evapotranspiration rates. Light to moderate showers (5-50 mm) continued across the north, although portions of Formosa and Chaco recorded no rain. Weekly temperatures averaged 2 to 4°C above normal across the north, with daytime highs well in excess of 40°C on several days, speeding germination of late-planted corn and soybeans but maintaining high evaporative losses. According to Argentina's Ministry of Agriculture, corn and soybean planting was nearing completion at 96 and 98 percent complete, respectively. Sunflowers were 34 percent harvested (11 points ahead of last year).



BRAZIL

Unseasonable dryness lingered for another week across sections of southern Brazil, reducing moisture for corn and soybeans. Weekly temperatures averaging 2 to 3°C above normal (daytime highs in the lower and middle 30s degrees C) exacerbated the dryness; similar conditions existed in Paraguay. Meanwhile, widespread, locally heavy rain (25 to more than 100 mm) continued throughout major agricultural areas of central and southeastern Brazil (Mato Grosso to Minas Gerais), as well as much of the northeastern interior (western Bahia, Tocantins, and nearby locations in Piaui and Maranhao), maintaining overall favorable levels of moisture for soybeans, cotton, and other summer crops. Temperatures in these areas averaged 1 to 2°C above normal, with daytime highs in the lower and middle 30s. Reports from Brazil indicated that soybean harvesting was underway in parts of the Center-West Region (Mato Grosso, Goias, and northern Mato Grosso do Sul), quickly followed by planting of winter-grown (safrinha) corn and, in some areas, cotton. Drier conditions prevailed closer to the northeast coast, favoring harvesting of sugarcane and cocoa.

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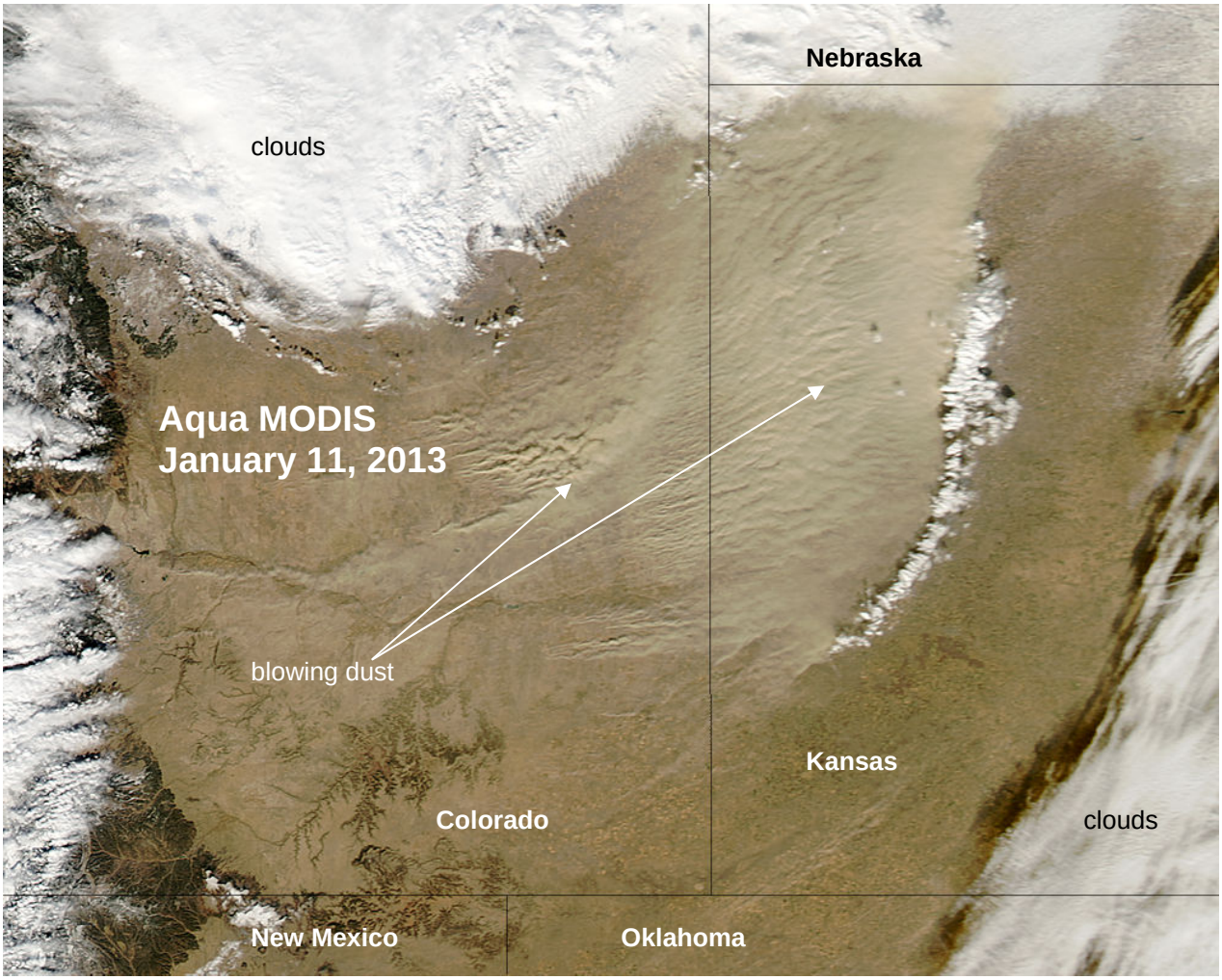

Despite sporadic January precipitation on the Plains, drought remained entrenched across the nation's mid-section. By month's end, at least half of the winter wheat was rated very poor to poor in Oklahoma (69%), South Dakota (66%), and Nebraska (50%). In Kansas, 39% of the winter wheat and 85% of the rangeland and pastures were rated very poor to poor by January 27. In addition, 19% of the Kansas wheat crop was reported by USDA/NASS to have been harmed by wind, with a damage breakdown of 13% light, 5% moderate, and 1% severe. Some of January's highest winds occurred on the 11th, when dust rolled across portions of eastern Colorado and western Kansas. On that date, wind gusts were clocked to 62 mph in Pueblo, CO, and 60 mph in Garden City, KS.

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