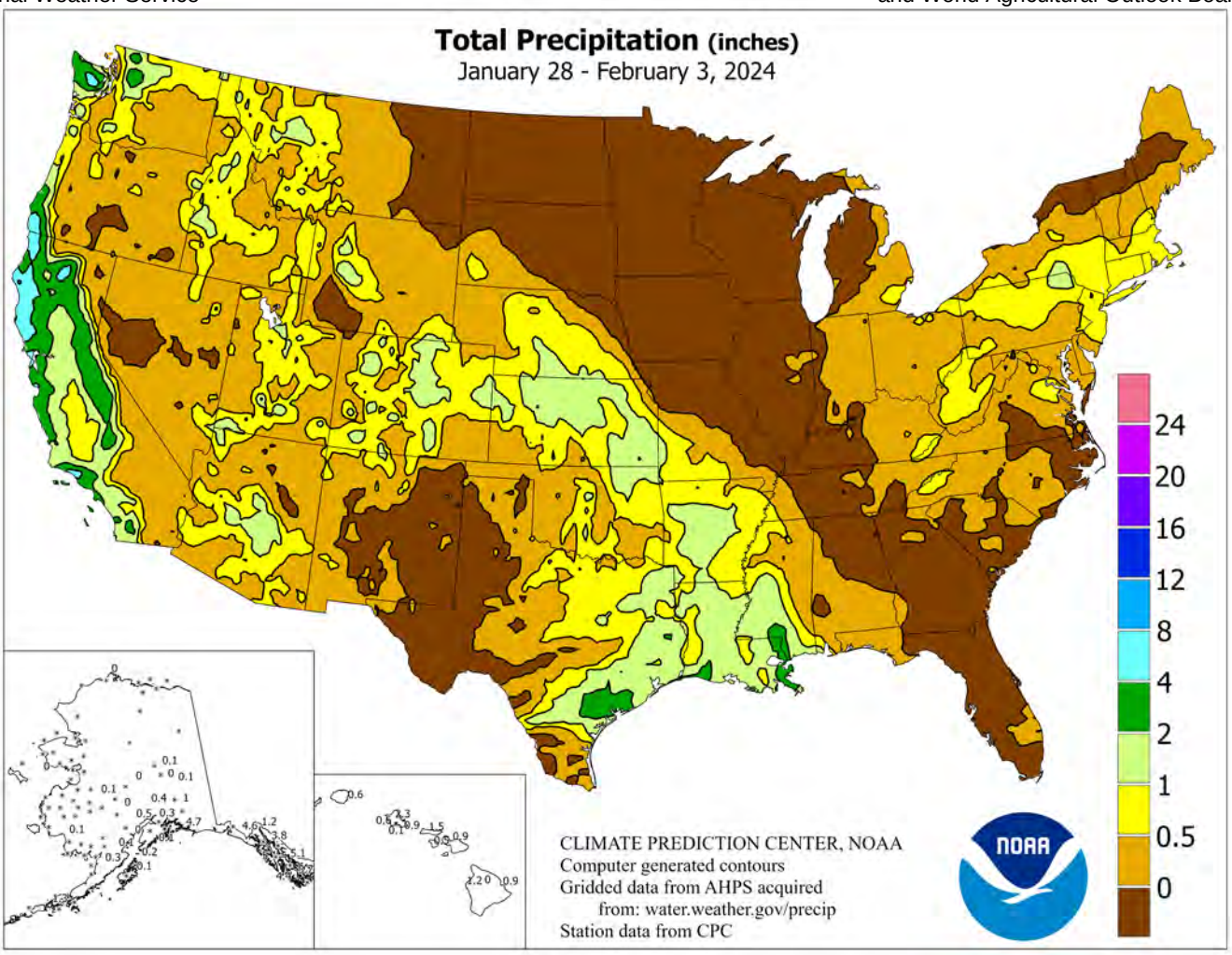
Volume 111, No. 6 www.usda.gov/oce/weather-drought-monitor February 6, 2024

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 28 – February 3, 2024

Highlights provided by USDA/WAOB

A pair of **Pacific** storm systems arriving along the **West Coast** in late January and early February delivered heavy rain, mountain snow, and high winds. Many of the **Western** impacts from the stronger second system carried into February 4-6 and will be covered next week. The initial system, which lumbered inland on January 31 – February 1, eventually drifted eastward, producing late-week precipitation across portions of the **nation's mid-section**, as well as the **western and central Gulf Coast States**. With little cold air available to the storm, snow

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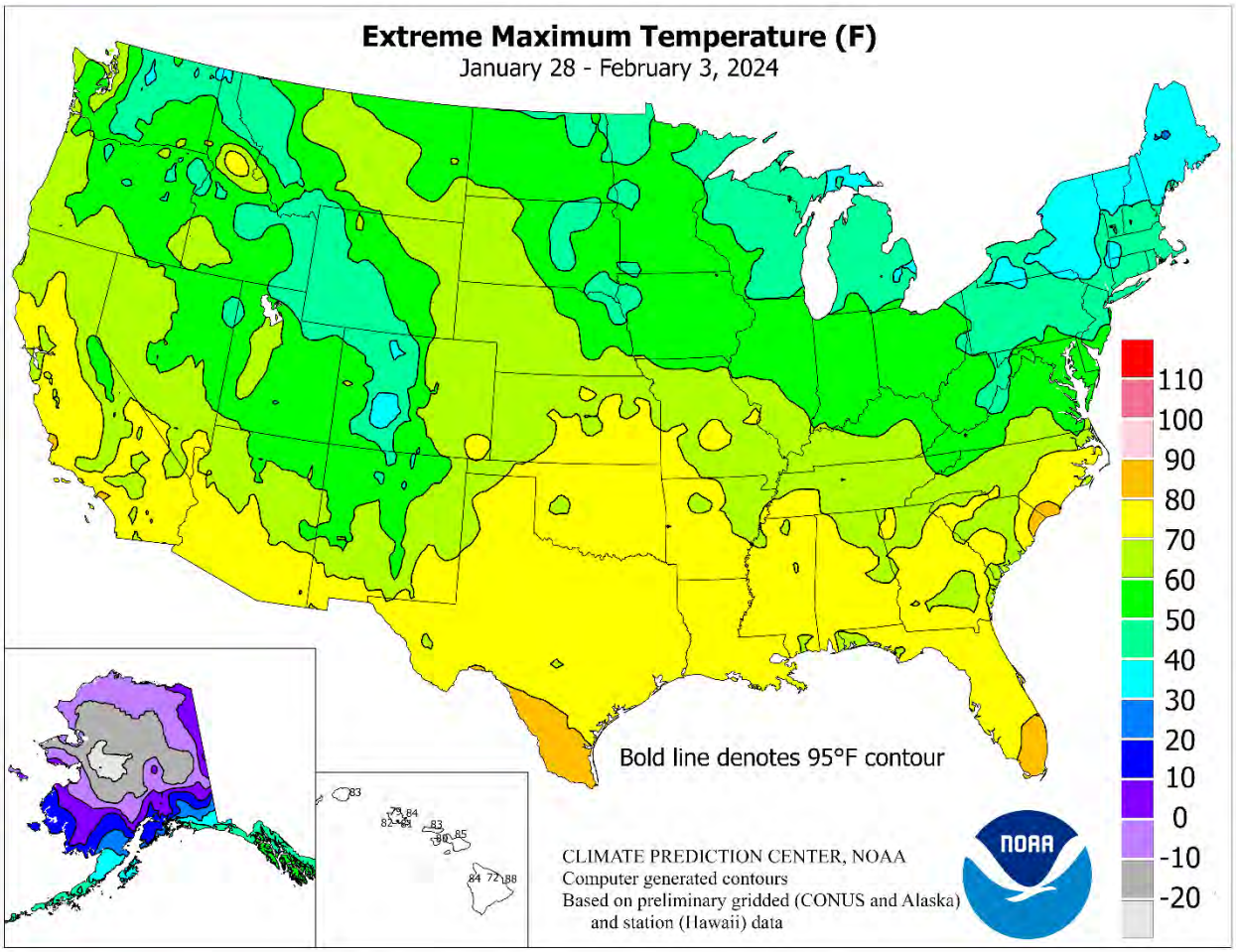
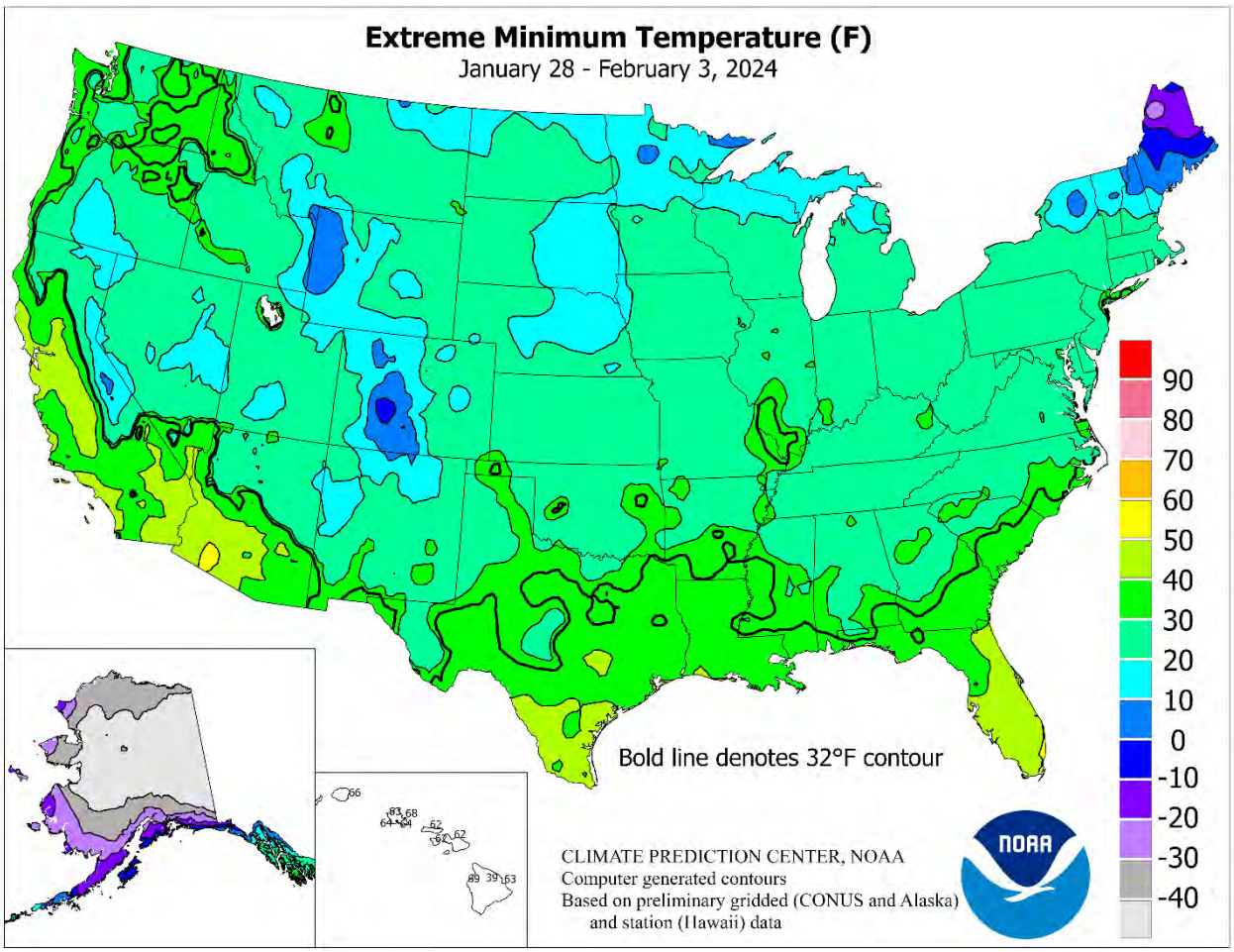
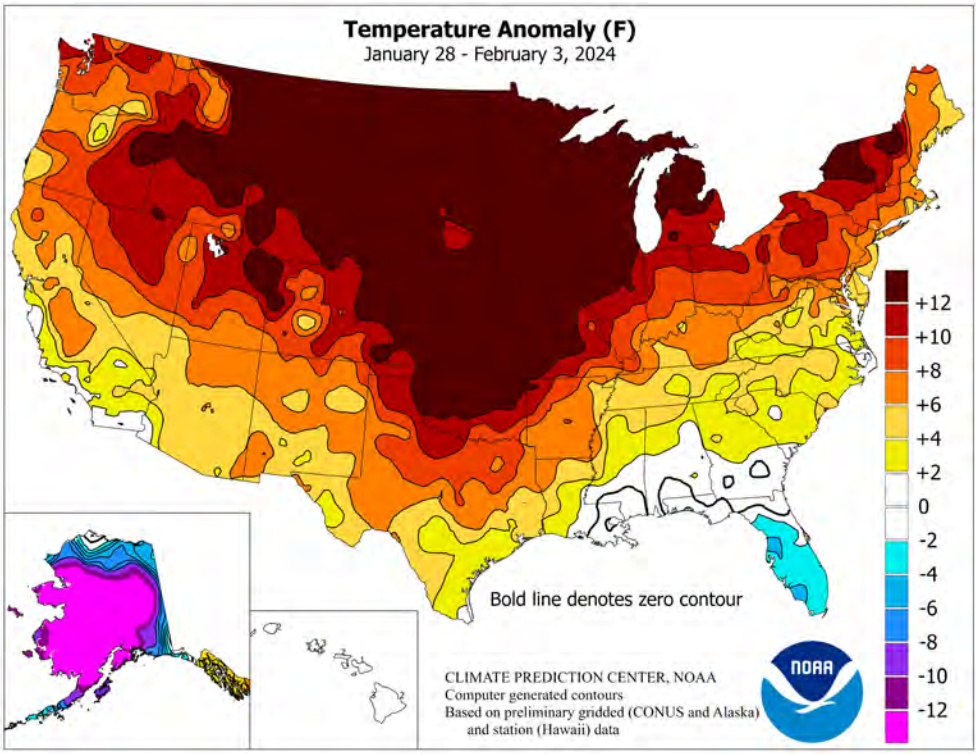
Contents


Extreme Maximum Temperature (F)
January 28 - February 3, 2024
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 gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Extreme Minimum Temperature (F)
January 28 - February 3, 2024
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 gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA

(Continued from front cover)

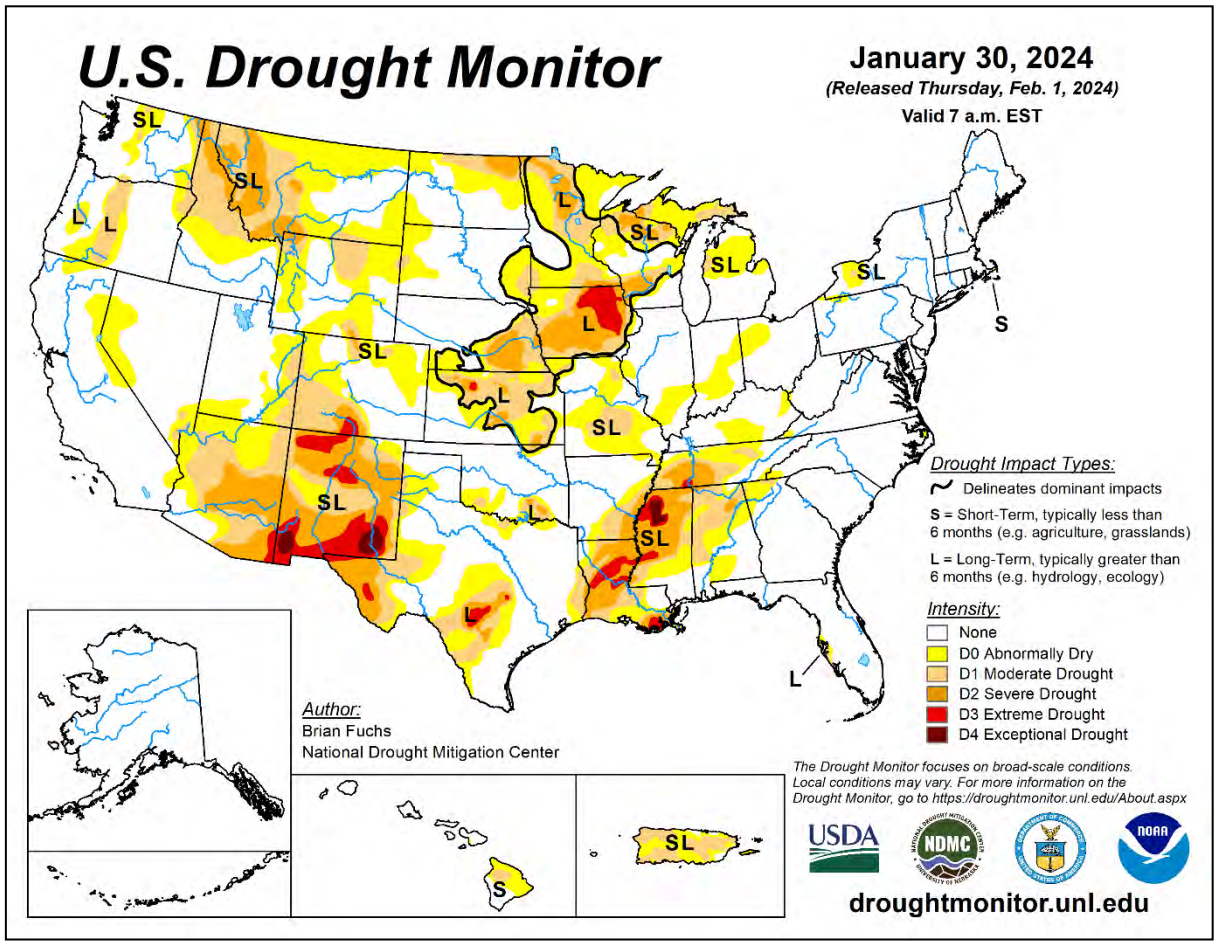
was mostly limited to higher elevations of the **West** and the **northern and central High Plains**. Generally dry weather covered the remainder of the country, including the **Southeast** and the **upper Midwest**. However, some precipitation—mostly rain—lingered early in the week from the **Ohio Valley and lower Great Lakes region into the Northeast**, excluding **northern New England**. Rampant warmth pushed weekly temperatures 10 to 30°F above normal throughout the **Plains** and much of the **Midwest**, with warmth extending into the **Northeast**. Readings also broadly averaged at least 10°F above normal across the **northern half of the western U.S.** In contrast, relatively cool weather lingered in the **lower Southeast**, mainly across **Florida's peninsula**, where temperatures averaged as much as 5°F below normal.

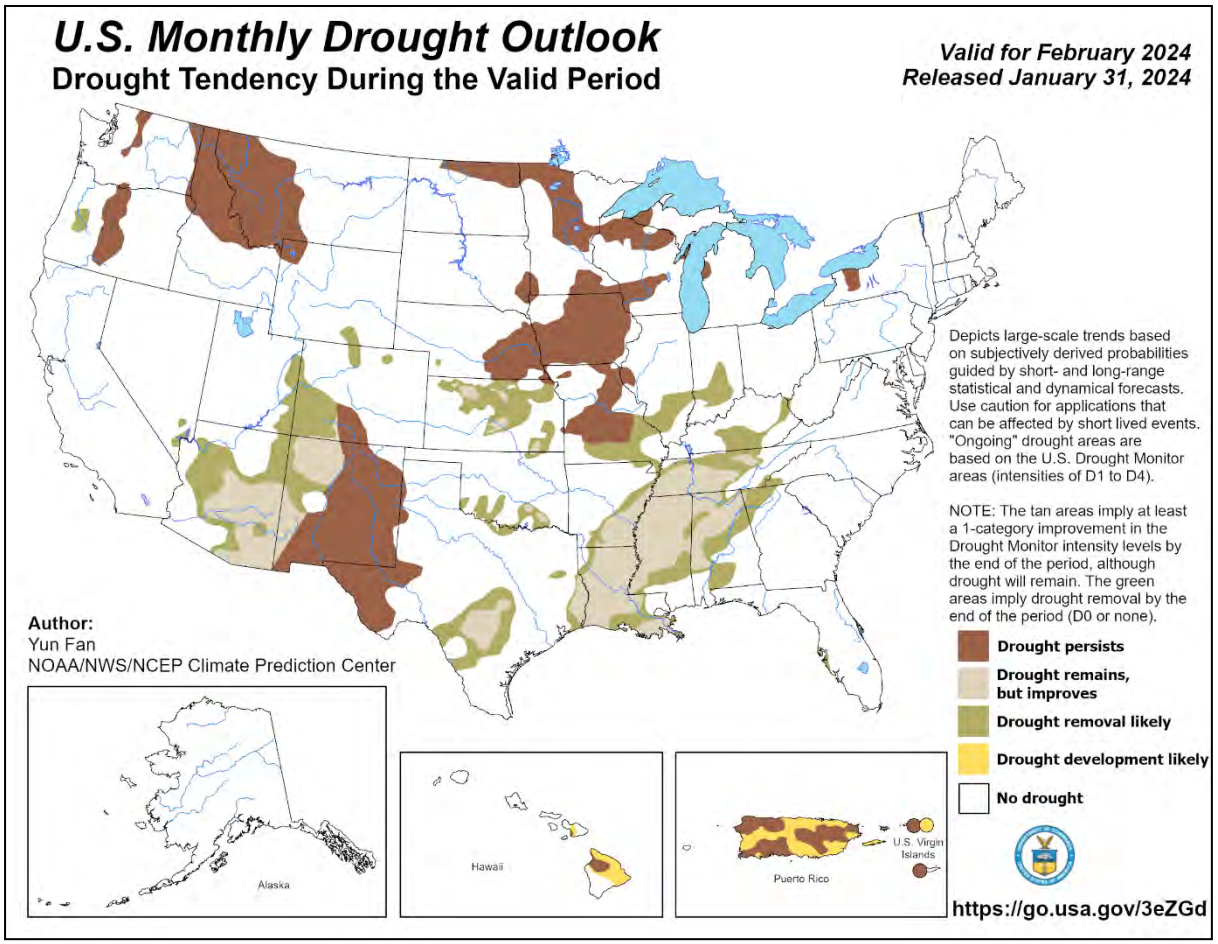


Record-setting warmth developed across the **nation's mid-section**, including portions of the **Plains** and **Midwest**. In parts of **Montana**, late-January temperatures were more than 100°F higher than mid-January readings. For example, the temperature in **Great Falls, MT**, rose 101°F, from -37 to 64°F, between January 13 and 30. Similarly, **Havre, MT**, posted a 104-degree rise, from -44 to 60°F, between January 14 and 30. On January 28, **Eugene, OR**, tied a monthly record with a high of 69°F. Elsewhere in **Oregon**, **Klamath Falls** (67°F on January 29) and **Medford** (73°F on January 30) established monthly record highs. **Reno, NV**, opened the week with consecutive daily-record highs (69 and 68°F, respectively) on January 28-29, followed by 8.5 inches of snow on February 4. In **Livingston, MT**, five consecutive daily-record highs occurred from January 28 – February 1, with highs of 58, 60, 63, 62, and 63°F. By the last day of January, temperatures topped the 60-degree mark as far north as **Jamestown, ND**, where a daily-record high of 62°F was observed. **International Falls, MN**, attained 53°F on the 31st, topping the 50-degree mark in January for the first time on record (previously, 49°F on January 20, 1921). February 1 featured **Midwestern** daily-record highs in **Joplin, MO** (72°F); **Lincoln, NE** (65°F); and **Burlington, IA** (60°F). **Joplin** was even warmer, reaching 74°F, on February 2.

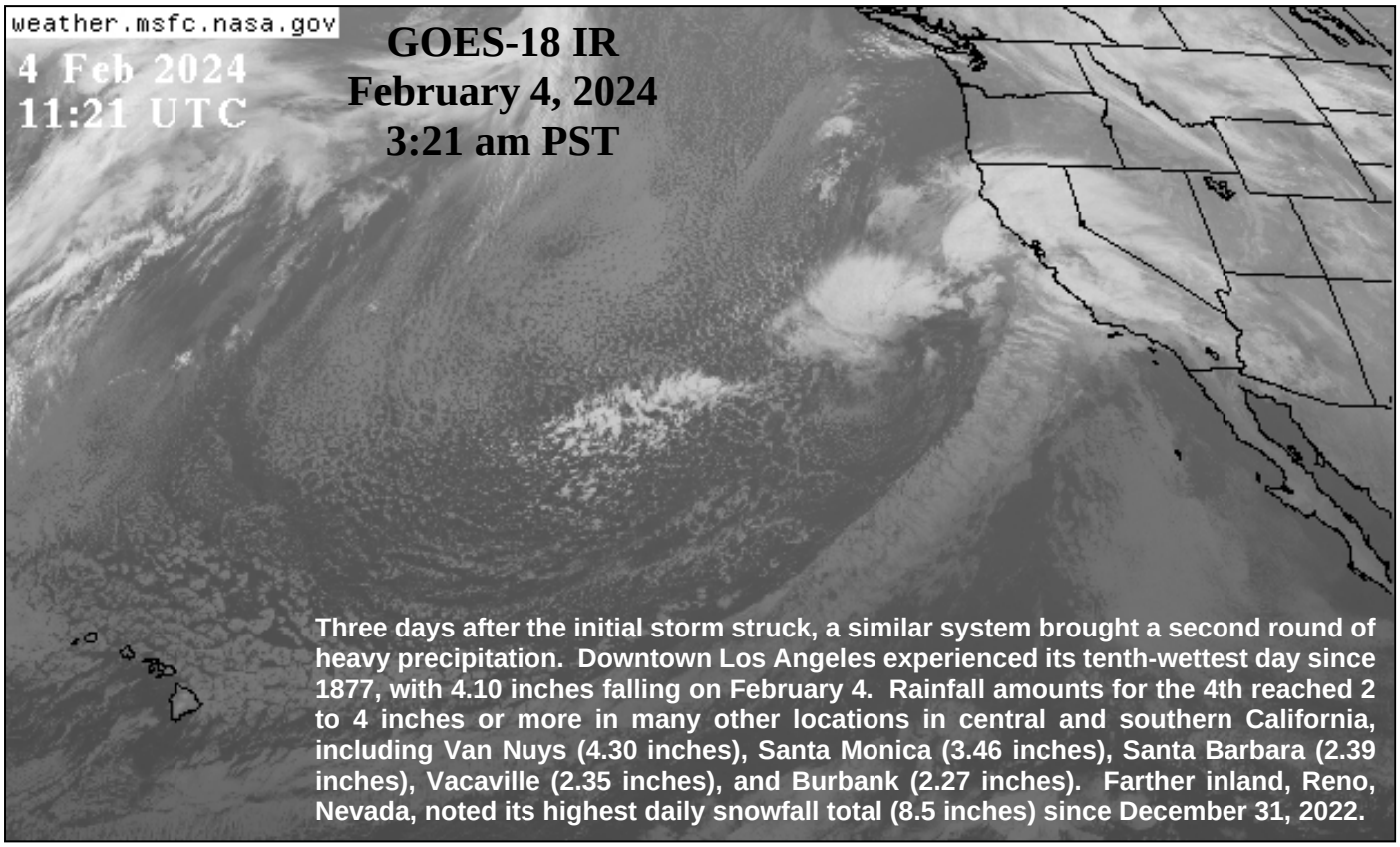
As the week began, heavy showers lingered in the **Northeast**, where daily-record totals topped an inch on January 28 in **Martinsburg, WV** (1.34 inches), and **Williamsport, PA** (1.16 inches). Most of **Williamsport's** precipitation fell as rain, with snowfall on that date totaling just 0.3 inch. Elsewhere in the **Northeast**, January 28-29 snowfall included 5.0 inches in both **Binghamton, NY**, and **Worcester, MA**. Following a long stretch of mostly tranquil weather, heavy precipitation overspread **northern California** on January 31, when daily-record amounts included 2.53 inches in **Mount Shasta City** and 2.17 inches in **Eureka**. On the first day of February, heavy precipitation shifted into **southern California** and pushed farther inland. In **southern California**, record-setting rainfall amounts for February 1 reached 2.93 inches in **Santa Barbara** and 2.45 inches in **Long Beach**. With the initial **Western** system, wind gusts in **California** for the 1st included 59 mph in **Needles**, 53 mph in **Bishop**, and 47 mph in **Marysville**. Three days later, on the 4th, **Bishop** registered a gust to 50 mph, while **Marysville** clocked 68 mph. Gusts ranged from 60 to 80 mph on February 4 in **California** locations such as **San Francisco International Airport** (77 mph); **Oroville** (70 mph), **Sacramento International Airport** (65 mph); **Merced** (64 mph); and **Santa Maria** (60 mph), downing trees and contributing to hundreds of thousands of customers losing electricity. As the first storm system moved farther inland on February 2, **Salt Lake City, UT** (1.08 inches, all rain), noted its wettest February day since 1998, when 1.23 inches fell on the 24th. With 0.72 inch (5.5 inches of snow) on the 3rd, **Denver, CO**, experienced a tie for its third-wettest February day, behind 1.01 inches on February 19, 1953, and 0.88 inch on February 22, 1909. Similarly, **Pueblo, CO** (1.06 inches on the 3rd, with snowfall totaling just 0.6 inch), noted its wettest-ever February day, topping 0.90 inch on February 10, 1897. More details on both storms will appear next week.

Extremely cold weather lingered across **mainland Alaska**, where weekly temperatures broadly averaged 20 to 35°F below normal. **Bettles** dipped to -50°F or below each day from January 25 to February 3, except the 29th and 30th, for a total of 8 days. **Bettles** plunged to -57°F on January 27 and 28. **Anchorage** logged consecutive daily-record lows (-18 and -16°F, respectively) on January 31 and February 1. The frigid weather in **Anchorage** was preceded and trailed by significant snow, with 16.6 inches noted on January 28-29 and 6.2 inches occurring on February 3-4. By the morning of the 5th, the depth of 38 inches in **Anchorage** was the greatest in that location since March 17, 2002, when snow on the ground reached 39 inches. Less harsh conditions were observed across **Alaska's North Slope** and the **Aleutians**; in the latter region, **Cold Bay** notched a daily-record high of 46°F on February 3. Meanwhile, above-normal temperatures prevailed in **southeastern Alaska**, accompanied by periods of heavy precipitation. In **Juneau**, January featured record-high snowfall, with 76.8 inches (313 percent of normal). **Juneau** netted additional snowfall in early February, measuring 14.0 inches through the 3rd. Farther south, **Hawaii** received spotty showers, associated with cold fronts attached to the same storms affecting the **Pacific Coast States**. On February 2, in the wake of one of the cold fronts, northerly wind gusts were clocked to 44 mph in **Honolulu, Oahu**, and 38 mph in **Hilo**, on the **Big Island**.


U.S. Drought Monitor
January 30, 2024
(Released Thursday, Feb. 1, 2024)
Valid 7 a.m. EST
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Brian Fuchs
National Drought Mitigation Center
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx
USDA
NDMC
NOAA
droughtmonitor.unl.edu


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for February 2024
Released January 31, 2024
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains, but improves
Drought removal likely
Drought development likely
No drought
Author:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center
Alaska
Hawaii
U.S. Virgin Islands
Puerto Rico
https://go.usa.gov/3eZGd

Sprawling storminess across the northeastern Pacific Ocean in late January and early February led to significant precipitation in parts of the western U.S. A cold front crossing California on February 1 contributed to daily-record rainfall totals in several locations, including Santa Barbara (2.93 inches), Los Angeles International Airport (2.49 inches), and Long Beach (2.45 inches). Prior to the arrival of the storminess, the average water equivalency of the Sierra Nevada snowpack stood just above 8 inches, about one-half of the late-January average.



Three days after the initial storm struck, a similar system brought a second round of heavy precipitation. Downtown Los Angeles experienced its tenth-wettest day since 1877, with 4.10 inches falling on February 4. Rainfall amounts for the 4th reached 2 to 4 inches or more in many other locations in central and southern California, including Van Nuys (4.30 inches), Santa Monica (3.46 inches), Santa Barbara (2.39 inches), Vacaville (2.35 inches), and Burbank (2.27 inches). Farther inland, Reno, Nevada, noted its highest daily snowfall total (8.5 inches) since December 31, 2022.

National Weather Data for Selected Cities

Weather Data for the Week Ending February 3, 2024

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
AK	ANCHORAGE	3	-10	14	-21	-4	-22	0.79	0.58	0.50	3.06	152	1.24	146	87	66	0	7	5	0
	BARROW	-7	-16	0	-35	-11	0	0.00	-0.04	0.00	0.00	0	0.00	0	85	68	0	7	0	0
	FAIRBANKS	-26	-41	-14	-50	-33	-28	0.05	-0.07	0.04	1.42	116	0.48	73	91	75	0	7	2	0
	JUNEAU	37	28	47	12	33	4	3.80	2.50	1.89	20.46	156	10.01	152	93	78	0	5	7	3
	KODIAK	25	9	38	-1	17	-15	0.14	-1.57	0.11	11.44	63	5.37	59	81	53	0	7	3	0
	NOME	-11	-27	5	-37	-19	-26	0.00	-0.22	0.00	2.01	96	1.59	153	81	59	0	7	0	0
AL	BIRMINGHAM	61	35	71	29	48	2	0.00	-1.17	0.00	10.67	102	5.97	108	86	41	0	2	0	0
	HUNTSVILLE	58	34	69	27	46	2	0.00	-1.11	0.00	11.70	103	6.75	123	98	50	0	4	0	0
	MOBILE	66	39	72	33	52	0	0.51	-0.66	0.51	14.30	123	8.26	134	91	39	0	0	1	1
	MONTGOMERY	62	36	71	29	49	-1	0.00	-1.15	0.00	10.55	104	8.98	174	92	42	0	2	0	0
AR	FORT SMITH	66	39	71	31	52	11	0.52	-0.10	0.52	5.77	86	3.82	120	90	48	0	1	1	1
	LITTLE ROCK	65	40	74	34	52	10	0.87	0.13	0.87	11.43	128	10.01	260	84	45	0	0	1	1
AZ	FLAGSTAFF	47	28	58	23	38	6	1.02	0.59	0.73	3.04	73	2.50	111	85	48	0	5	2	1
	PHOENIX	76	53	81	46	64	6	0.57	0.40	0.34	2.06	122	1.31	138	67	26	0	0	2	0
	PRESCOTT	57	31	66	29	44	4	0.39	0.14	0.31	1.53	66	0.93	70	81	35	0	5	2	0
	TUCSON	72	48	80	41	60	5	0.55	0.35	0.49	3.49	183	2.27	242	72	27	0	0	2	0
CA	BAKERSFIELD	68	48	76	45	58	7	0.82	0.55	0.70	2.94	122	2.30	176	93	44	0	0	3	1
	EUREKA	61	47	70	38	54	6	2.30	0.93	1.18	17.25	112	11.02	151	95	57	0	0	4	2
	FRESNO	66	49	76	45	57	8	0.83	0.37	0.70	3.37	81	2.70	114	90	46	0	0	2	1
	LOS ANGELES	66	51	77	48	58	1	2.53	1.91	2.45	7.88	146	4.32	137	88	53	0	0	3	1
	REDDING	64	49	78	39	56	7	1.61	0.24	0.75	14.48	111	7.06	106	90	55	0	0	4	1
	SACRAMENTO	63	47	71	42	55	6	1.00	0.16	0.69	8.81	118	4.11	101	95	58	0	0	4	1
	SAN DIEGO	67	51	77	48	59	0	0.89	0.48	0.73	5.36	139	4.52	208	85	48	0	0	2	1
	SAN FRANCISCO	60	51	65	48	56	4	1.80	0.90	0.96	9.40	111	5.58	129	91	62	0	0	4	1
	STOCKTON	65	47	75	45	56	7	0.65	0.03	0.51	6.91	129	4.27	145	96	54	0	0	4	1
CO	ALAMOSA	47	14	54	5	30	11	0.14	0.07	0.08	0.79	114	0.39	114	94	40	0	7	2	0
	CO SPRINGS	56	30	65	25	43	11	0.63	0.55	0.58	1.84	331	1.26	384	80	33	0	5	2	1
	DENVER INTL	57	29	62	26	44	12	0.76	0.67	0.72	1.15	148	1.02	243	74	32	0	6	2	1
	GRAND JUNCTION	57	32	62	27	45	14	0.22	0.10	0.21	1.00	79	0.46	69	79	36	0	4	2	0
	PUEBLO	59	26	65	20	43	10	1.04	0.97	1.04	2.66	432	1.35	419	86	34	0	7	1	1
CT	BRIDGEPORT	40	33	44	31	37	6	1.04	0.33	0.98	14.17	189	5.97	171	84	64	0	1	3	1
	HARTFORD	38	31	43	28	35	8	1.06	0.34	1.03	15.73	205	8.32	231	85	65	0	4	3	1
DC	WASHINGTON	48	37	54	32	43	5	1.19	0.54	1.18	12.08	184	5.83	185	84	56	0	1	2	1
DE	WILMINGTON	45	32	50	27	38	5	0.94	0.19	0.86	14.28	193	6.30	177	93	59	0	3	2	1
FL	DAYTONA BEACH	69	45	75	42	57	-2	0.00	-0.61	0.00	7.54	141	2.88	96	98	43	0	0	0	0
	JACKSONVILLE	68	41	71	37	55	-1	0.06	-0.71	0.06	10.42	163	3.97	110	91	35	0	0	1	0
	KEY WEST	74	61	80	59	68	-3	0.00	-0.41	0.00	7.72	185	1.83	91	87	60	0	0	0	0
	MIAMI	75	57	85	53	66	-3	0.00	-0.50	0.00	4.71	104	0.89	43	83	48	0	0	0	0
	ORLANDO	71	48	76	46	60	-2	0.01	-0.55	0.01	5.22	100	1.56	57	94	38	0	0	1	0
	PENSACOLA	64	42	68	35	53	-1	0.00	-1.15	0.00	10.82	99	6.09	110	86	35	0	0	0	0
	TALLAHASSEE	68	37	75	31	53	-1	0.00	-0.98	0.00	15.94	175	5.31	110	93	32	0	1	0	0
	TAMPA	68	50	74	46	59	-4	0.01	-0.68	0.01	7.42	134	2.98	100	91	44	0	0	1	0
	WEST PALM BEACH	74	53	84	49	64	-3	0.20	-0.57	0.20	6.51	89	2.65	69	94	54	0	0	1	0
GA	ATHENS	60	36	72	30	48	3	0.04	-0.98	0.04	14.37	155	10.19	211	83	40	0	2	1	0
	ATLANTA	60	39	70	33	49	4	0.00	-1.09	0.00	9.92	102	6.29	124	79	39	0	0	0	0
	AUGUSTA	63	34	70	27	48	0	0.04	-0.81	0.04	6.68	82	2.39	56	95	37	0	4	1	0
	COLUMBUS	65	37	71	32	51	1	0.00	-0.58	0.00	6.00	70	4.14	111	86	34	0	1	0	0
	MACON	61	37	72	28	50	1	0.01	-1.01	0.01	7.37	79	5.46	114	95	41	0	1	1	0
	SAVANNAH	65	41	70	35	53	2	0.02	-0.75	0.02	7.43	109	2.86	79	86	37	0	0	1	0
HI	HILO	81	65	88	63	73	2	0.86	-1.24	0.44	11.33	54	3.60	40	95	56	0	0	3	0
	HONOLULU	79	69	81	64	74	0	0.12	-0.28	0.09	3.47	82	2.59	127	90	62	0	0	2	0
	KAHULUI	80	68	85	62	74	1	0.91	0.38	0.41	5.57	102	4.58	172	94	62	0	0	4	0
	LIHUE	78	69	83	66	74	2	0.58	-0.12	0.29	6.86	88	2.65	85	85	57	0	0	4	0
IA	BURLINGTON	46	33	60	28	40	15	0.00	-0.32	0.00	3.96	114	1.92	120	95	72	0	3	0	0
	CEDAR RAPIDS	42	30	56	27	36	16	0.00	-0.23	0.00	1.43	54	0.50	47	97	78	0	6	0	0
	DES MOINES	48	31	58	24	39	16	0.00	-0.27	0.00	5.41	194	3.89	325	95	67	0	4	0	0
	DUBUQUE	40	30	51	28	35	16	0.00	-0.33	0.00	3.51	107	1.56	107	96	78	0	6	0	0
	SIOUX CITY	43	26	50	18	35	14	0.00	-0.16	0.00	2.86	163	1.29	169	100	79	0	5	0	0
	WATERLOO	44	29	57	26	37	17	0.00	-0.25	0.00	2.18	82	1.41	117	91	70	0	6	0	0
ID	BOISE	56	37	66	33	47	13	1.11	0.83	0.82	4.52	147	3.26	214	91	53	0	0	4	1
	LEWISTON	54	43	63	38	48	11	0.23	-0.03	0.11	2.97	125	1.81	145	83	62	0	0	4	0
	POCATELLO	49	29	58	24	39	12	0.24	0.01	0.24	2.59	111	1.57	130	94	59	0	5	1	0
IL	CHICAGO/O_HARE	42	33	55	29	38	12	0.04	-0.35	0.04	6.31	148	3.35	155	93	70	0	3	1	0
	MOLINE	45	33	57	29	39	15	0.00	-0.35	0.00	5.39	140	2.77	153	92	72	0	4	0	0
	PEORIA	46	33	59	30	39	13	0.01	-0.39	0.01	5.94	133	3.10	139	93	70	0	4	1	0
	ROCKFORD	43	32	55	29	37	15	0.00	-0.33	0.00	5.36	146	2.26	129	93	71	0	5	0	0
	SPRINGFIELD	47	33	59	29	40	12	0.06	-0.33	0.03	7.12	169	4.14	202	98	72	0	3	2	0
IN	EVANSVILLE	50	32	61	30	41	7	0.10	-0.57	0.07	7.91	106	5.96	163	92	63	0	5	2	0
	FORT WAYNE	40	31	52	26	35	10	0.43	-0.05	0.31	5.58	107	3.91	142	92	77	0	4	2	0
	INDIANAPOLIS	44	31	53	29	38	9	0.32	-0.24	0.20	5.61	89	4.46	132	95	72	0	5	2	0
	SOUTH BEND	41	32	52	25	37	13	0.32	-0.17	0.21	7.20	136	4.48	156	93	71	0	3	3	0
KS	CONCORDIA	61	37	70	28	49	19	0.93	0.74	0.93	3.70	205	2.25	294	89	59	0	1	1	1
	DODGE CITY	64	33	68	28	49	15	0.18	0.04	0.18	3.22	198	0.86	131	91	40	0	4	1	0
	GOODLAND	59	30	67	23	44	14	0.74	0.64	0.66	2.15	257	1.19	324	89	44	0	5	2	1
	TOPEKA	63	34	71	26	48	17	0.46	0.22	0.46	5.20	209	2.40	240	89	48	0	4	1	0

Based on 1991-2020 normals ***** Not Available**

Weather Data for the Week Ending February 3, 2024

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
	WICHITA	65	35	71	25	50	15	0.37	0.15	0.33	4.72	216	2.11	221	94	50	0	3	2	0
KY	LEXINGTON	49	33	57	29	41	7	0.26	-0.52	0.22	7.48	95	5.48	145	87	61	0	3	3	0
	LOUISVILLE	50	34	60	31	42	6	0.33	-0.38	0.31	7.97	101	6.19	167	81	57	0	1	2	0
	PADUCAH	55	35	69	30	45	8	0.00	-0.80	0.00	11.15	131	9.26	219	88	55	0	4	0	0
LA	BATON ROUGE	68	43	76	37	55	2	1.01	-0.28	1.01	15.36	125	8.87	128	87	39	0	0	1	1
	LAKE CHARLES	69	46	74	39	57	3	2.04	1.01	2.03	13.56	125	11.19	178	92	46	0	0	2	1
	NEW ORLEANS	66	46	72	41	56	1	1.49	0.48	1.49	19.13	183	9.76	174	96	48	0	0	1	1
	SHREVEPORT	69	44	79	36	56	7	***	***	***	***	***	***	***	86	43	0	0	***	***
MA	BOSTON	38	30	42	26	34	4	0.65	-0.08	0.57	13.20	164	7.49	201	91	66	0	4	2	1
	WORCESTER	35	27	39	23	31	6	0.97	0.19	0.87	15.60	191	8.20	212	89	73	0	7	4	1
MD	BALTIMORE	48	35	55	28	42	7	1.24	0.54	1.22	12.91	182	5.92	174	87	55	0	3	2	1
ME	CARIBOU	28	8	33	-12	18	7	0.53	-0.07	0.42	5.70	83	2.37	74	87	65	0	7	2	0
	PORTLAND	34	23	40	13	28	5	0.44	-0.34	0.33	14.39	172	7.83	203	93	68	0	7	2	0
MI	ALPENA	38	29	42	22	33	14	0.17	-0.19	0.15	3.79	98	2.17	110	97	72	0	7	2	0
	GRAND RAPIDS	38	30	43	25	34	10	0.03	-0.46	0.02	18.34	352	16.56	607	96	78	0	6	2	0
	HOUGHTON LAKE	37	28	41	20	33	15	0.06	-0.26	0.02	0.32	18	0.18	21	99	73	0	7	4	0
	LANSING	37	29	40	23	33	10	0.15	-0.22	0.09	5.34	130	3.19	144	94	74	0	6	3	0
	MUSKEGON	42	33	49	25	38	12	0.08	-0.40	0.07	4.59	91	2.95	112	88	68	0	2	2	0
	TRAVERSE CITY	41	32	43	24	36	14	0.01	-0.27	0.01	1.98	55	0.71	40	92	68	0	2	1	0
MN	DULUTH	37	27	47	22	32	21	0.02	-0.16	0.01	3.82	152	0.74	71	92	72	0	7	2	0
	INT_L FALLS	40	22	53	15	31	26	0.00	-0.15	0.00	1.80	97	0.61	71	94	64	0	7	0	0
	MINNEAPOLIS	44	29	55	27	37	20	0.00	-0.18	0.00	2.42	113	0.14	14	93	63	0	6	0	0
	ROCHESTER	41	29	52	27	35	20	0.00	-0.22	0.00	1.65	69	0.52	48	99	79	0	7	0	0
	ST. CLOUD	45	26	55	20	35	23	0.00	-0.14	0.00	3.56	222	0.21	28	92	64	0	7	0	0
MO	COLUMBIA	54	34	68	25	44	12	0.00	-0.44	0.00	5.45	124	2.72	117	95	57	0	3	0	0
	KANSAS CITY	59	35	65	26	47	17	0.00	-0.28	0.00	5.07	177	2.06	160	94	53	0	4	0	0
	SAINT LOUIS	53	37	72	31	45	12	0.01	-0.48	0.01	6.12	115	3.96	141	84	55	0	1	1	0
	SPRINGFIELD	61	35	69	24	48	12	0.26	-0.21	0.26	3.77	70	2.65	96	89	45	0	4	1	0
MS	JACKSON	64	37	74	31	50	2	0.61	-0.69	0.61	13.09	117	9.82	164	93	41	0	2	1	1
	MERIDIAN	65	34	74	30	49	1	0.03	-1.29	0.03	10.67	93	7.95	128	95	40	0	3	1	0
	TUPELO	62	35	73	30	49	5	0.04	-1.08	0.04	9.69	86	7.22	135	91	45	0	2	1	0
MT	BILLINGS	58	35	62	30	47	19	0.04	-0.08	0.04	0.77	65	0.42	69	73	35	0	2	1	0
	BUTTE	49	25	55	20	37	17	0.57	0.47	0.39	1.04	110	0.72	157	93	51	0	7	2	0
	CUT BANK	55	30	63	21	43	20	0.24	0.19	0.24	0.29	52	0.27	109	87	49	0	4	1	0
	GLASGOW	49	28	54	19	39	23	0.00	-0.08	0.00	0.50	55	0.42	89	90	62	0	6	0	0
	GREAT FALLS	58	37	64	31	48	23	0.36	0.22	0.36	0.71	62	0.63	101	75	41	0	1	1	0
	HAVRE	49	30	60	24	40	21	0.01	-0.08	0.01	1.14	131	0.94	200	93	65	0	4	1	0
	MISSOULA	39	28	47	23	33	7	0.47	0.26	0.41	1.57	73	1.09	104	99	85	0	6	2	0
NC	ASHEVILLE	54	31	64	25	42	3	0.04	-0.84	0.01	14.83	170	8.50	188	89	44	0	5	3	0
	CHARLOTTE	60	36	69	31	48	5	0.01	-0.72	0.01	13.53	183	7.26	191	80	37	0	2	1	0
	GREENSBORO	54	33	63	28	44	3	0.17	-0.53	0.11	14.45	211	7.40	201	86	43	0	3	3	0
	HATTERAS	54	43	66	36	48	1	0.16	-1.02	0.13	9.36	92	2.28	42	94	67	0	0	2	0
	RALEIGH	59	37	68	30	47	5	0.27	-0.43	0.23	11.01	154	4.22	113	82	43	0	2	2	0
	WILMINGTON	61	38	75	33	49	2	0.04	-0.87	0.04	9.74	123	1.62	38	83	44	0	0	1	0
ND	BISMARCK	47	27	55	23	37	24	0.00	-0.10	0.00	0.76	66	0.33	61	98	70	0	6	0	0
	DICKINSON	52	31	62	27	41	24	0.00	-0.05	0.00	0.16	35	0.01	4	95	62	0	6	0	0
	FARGO	45	30	52	24	37	28	0.00	-0.14	0.00	2.76	166	0.14	17	88	68	0	6	0	0
	GRAND FORKS	40	27	49	20	33	27	0.00	-0.09	0.00	1.20	100	0.27	50	87	74	0	7	0	0
	JAMESTOWN	45	27	55	24	36	26	0.00	-0.06	0.00	0.58	84	0.00	0	91	68	0	7	0	0
NE	GRAND ISLAND	53	30	62	19	41	15	0.52	0.35	0.52	2.43	159	1.19	173	92	65	0	5	1	1
	LINCOLN	55	29	65	22	42	17	0.43	0.23	0.43	2.78	138	1.30	157	92	55	0	4	1	0
	NORFOLK	45	28	53	17	37	14	0.12	-0.04	0.12	2.85	185	1.32	190	95	71	0	5	1	0
	NORTH PLATTE	58	27	68	17	43	16	0.43	0.32	0.43	1.09	122	0.70	161	96	52	0	5	1	0
	OMAHA	50	28	57	19	39	14	0.00	-0.19	0.00	2.48	120	0.81	97	98	67	0	5	0	0
	SCOTTSBLUFF	58	29	67	23	44	15	0.34	0.24	0.34	0.81	84	0.70	158	89	42	0	6	1	0
	VALENTINE	52	28	64	20	40	15	0.16	0.06	0.16	1.20	150	0.63	169	97	60	0	5	1	0
NH	CONCORD	34	24	40	19	29	7	0.88	0.24	0.68	13.45	198	6.57	212	95	80	0	7	2	1
NJ	ATLANTIC_CITY	44	32	51	25	38	4	0.91	0.13	0.75	13.15	160	6.57	176	94	65	0	3	4	1
	NEWARK	44	35	47	32	39	7	1.12	0.38	0.89	12.43	157	4.94	132	87	58	0	2	5	1
NM	ALBUQUERQUE	56	33	61	27	45	6	0.01	-0.07	0.01	1.33	143	0.34	84	73	32	0	2	1	0
NV	ELY	49	25	59	15	37	9	0.06	-0.12	0.03	1.19	79	1.15	138	91	43	0	6	3	0
	LAS VEGAS	64	46	72	40	55	4	0.07	-0.07	0.07	0.40	36	0.33	53	72	32	0	0	1	0
	RENO	58	35	68	25	46	8	0.08	-0.16	0.08	1.56	63	1.18	87	79	31	0	2	1	0
	WINNEMUCCA	54	33	64	27	44	10	0.29	0.09	0.17	2.74	132	2.46	236	86	45	0	3	2	0
NY	ALBANY	37	30	42	24	34	10	0.63	0.09	0.56	10.65	175	5.01	176	86	68	0	5	3	1
	BINGHAMTON	34	28	38	23	31	9	0.88	0.33	0.86	10.41	175	4.50	157	91	77	0	7	2	1
	BUFFALO	38	32	40	28	35	10	0.37	-0.27	0.32	8.62	117	4.84	134	94	74	0	6	4	0
	ROCHESTER	38	29	43	24	34	8	0.42	-0.10	0.35	25.05	460	22.26	804	88	72	0	5	3	0
	SYRACUSE	38	31	43	26	34	11	0.56	0.04	0.48	9.35	153	4.24	150	85	67	0	6	3	0
OH	AKRON-CANTON	40	31	50	25	36	8	0.50	-0.07	0.46	5.70	94	3.16	99	95	74	0	5	3	0
	CINCINNATI	44	31	54	29	38	6	0.59	-0.11	0.51	8.18	111	6.30	174	98	72	0	5	2	1
	CLEVELAND	41	33	54	27	37	8	0.66	0.10	0.62	6.89	110	3.59	111	91	72	0	3	3	1
	COLUMBUS	44	32	52	26	38	8	0.63	0.05	0.54	7.99	125	4.76	146	93	68	0	2	3	1
	DAYTON	43	32	52	26	38	8	0.37	-0.19	0.22	7.24	113	5.32	160	96	75	0	4	2	0
	MANSFIELD	39	30	50	26	35	8	0.48	-0.12	0.36	6.21	95	3.82	110	97	79	0	6	3	0

Based on 1991-2020 normals ***** Not Available**

Weather Data for the Week Ending February 3, 2024

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
	TOLEDO	41	32	53	27	36	9	0.32	-0.14	0.23	6.32	126	4.61	179	89	71	0	3	2	0
	YOUNGSTOWN	42	31	50	26	36	10	1.02	0.44	0.97	6.61	102	3.98	121	91	69	0	5	4	1
OK	OKLAHOMA CITY	67	40	74	27	54	14	0.20	-0.11	0.16	3.71	114	1.98	137	91	44	0	1	2	0
	TULSA	67	41	74	31	54	15	0.63	0.30	0.63	5.30	126	3.50	198	86	44	0	1	1	1
OR	ASTORIA	59	46	65	36	52	8	0.75	-1.31	0.38	27.25	123	14.75	129	95	61	0	0	6	0
	BURNS	49	30	53	28	40	11	0.31	0.04	0.26	4.72	159	3.10	215	93	60	0	5	3	0
	EUGENE	59	45	68	35	52	10	0.06	-1.11	0.04	10.69	77	4.48	68	95	66	0	0	3	0
	MEDFORD	60	43	72	30	51	9	0.01	-0.50	0.01	6.81	105	4.61	156	92	48	0	1	1	0
	PENDLETON	55	36	65	33	45	9	0.28	-0.03	0.09	4.02	127	2.56	155	96	59	0	0	4	0
	PORTLAND	55	43	62	34	49	6	0.24	-0.76	0.22	17.72	158	9.12	167	87	56	0	0	3	0
	SALEM	58	44	65	32	51	8	0.29	-0.94	0.18	17.34	128	9.81	149	96	63	0	1	4	0
PA	ALLENTOWN	42	32	46	24	37	7	1.04	0.31	0.91	13.83	185	5.36	148	87	61	0	5	5	1
	ERIE	38	32	45	24	35	8	0.54	-0.10	0.54	6.99	89	3.78	103	94	72	0	4	1	1
	MIDDLETOWN	45	34	50	29	39	9	1.16	0.47	1.06	11.09	164	5.93	178	86	58	0	3	3	1
	PHILADELPHIA	44	35	49	30	40	6	0.99	0.28	0.89	13.74	185	5.97	174	89	58	0	1	2	1
	PITTSBURGH	44	33	48	28	38	9	0.90	0.29	0.89	7.02	115	4.52	139	86	62	0	3	2	1
	WILKES-BARRE	39	30	42	26	35	7	0.85	0.33	0.83	11.06	197	5.29	187	86	66	0	5	3	1
	WILLIAMSPORT	43	32	47	27	38	10	1.11	0.51	1.11	11.15	171	6.01	187	85	60	0	3	1	1
RI	PROVIDENCE	39	30	45	26	35	5	0.75	-0.08	0.75	14.56	162	7.76	180	92	67	0	3	1	1
SC	CHARLESTON	64	41	70	35	53	2	0.03	-0.76	0.03	8.56	121	1.71	46	87	37	0	0	1	0
	COLUMBIA	62	34	70	29	48	1	0.07	-0.70	0.06	7.24	96	2.66	69	94	41	0	3	2	0
	FLORENCE	61	36	70	31	49	1	0.11	-0.59	0.10	5.99	87	2.74	81	91	44	0	1	2	0
	GREENVILLE	59	33	70	28	46	3	0.06	-0.83	0.06	14.84	163	9.97	220	82	33	0	2	1	0
SD	ABERDEEN	44	25	48	16	34	21	0.00	-0.12	0.00	1.95	159	0.13	20	93	73	0	6	0	0
	HURON	44	26	52	18	35	18	0.00	-0.14	0.00	1.72	131	0.49	76	97	73	0	6	0	0
	RAPID CITY	55	31	65	27	43	19	0.35	0.27	0.35	0.70	100	0.40	115	87	50	0	6	1	0
	SIOUX FALLS	46	27	50	16	36	18	0.00	-0.15	0.00	2.91	193	1.11	163	91	69	0	5	0	0
TN	BRISTOL	53	29	61	23	41	4	0.52	-0.35	0.35	6.71	86	3.11	77	96	52	0	5	3	0
	CHATTANOOGA	58	34	70	27	46	3	0.08	-1.06	0.08	12.50	116	6.36	115	87	43	0	3	1	0
	KNOXVILLE	54	32	65	25	43	3	0.14	-0.95	0.12	12.00	117	6.02	114	90	50	0	4	2	0
	MEMPHIS	60	36	71	29	48	5	0.10	-0.84	0.10	9.20	91	6.63	145	92	47	0	3	1	0
	NASHVILLE	55	33	71	27	44	4	0.03	-0.94	0.02	7.93	89	5.17	115	86	50	0	4	2	0
TX	ABILENE	71	44	76	33	57	10	0.24	-0.04	0.24	3.89	157	2.50	205	82	34	0	0	1	0
	AMARILLO	65	34	72	28	49	10	0.06	-0.10	0.06	2.78	189	1.06	137	75	23	0	2	1	0
	AUSTIN	72	47	76	41	60	6	0.35	-0.13	0.31	8.39	151	6.30	222	84	40	0	0	2	0
	BEAUMONT	71	46	76	37	58	4	1.95	0.93	1.95	16.99	159	12.98	227	95	42	0	0	1	1
	BROWNSVILLE	77	53	82	44	65	1	0.00	-0.27	0.00	1.65	68	1.55	128	95	45	0	0	0	0
	CORPUS CHRISTI	74	50	78	40	62	3	0.51	0.21	0.39	4.34	125	3.83	252	99	43	0	0	2	0
	DEL RIO	76	48	80	38	62	7	0.18	0.03	0.18	0.97	70	0.36	53	69	29	0	0	1	0
	EL PASO	66	44	75	35	55	6	0.08	-0.02	0.08	0.52	48	0.33	75	61	27	0	0	1	0
	FORT WORTH	71	44	77	33	58	10	0.81	0.28	0.62	7.31	130	3.77	136	86	37	0	0	2	1
	GALVESTON	67	52	70	46	59	2	2.37	1.57	2.35	10.07	114	7.13	155	91	61	0	0	2	1
	HOUSTON	71	46	76	37	58	3	1.73	0.94	1.65	13.01	160	10.47	257	93	43	0	0	2	1
	LUBBOCK	68	35	76	30	52	9	0.00	-0.16	0.00	1.36	92	0.78	108	81	25	0	3	0	0
	MIDLAND	67	39	74	32	53	6	0.00	-0.15	0.00	0.76	58	0.20	28	86	26	0	1	0	0
	SAN ANGELO	72	38	80	31	55	6	0.12	-0.11	0.12	2.77	144	0.64	62	87	27	0	2	1	0
	SAN ANTONIO	70	45	72	38	57	4	0.83	0.38	0.63	7.25	174	6.16	287	88	43	0	0	2	1
	VICTORIA	72	47	75	40	60	4	2.42	1.89	2.36	10.66	203	9.98	345	94	41	0	0	2	1
	WACO	71	40	77	31	55	6	0.43	-0.13	0.39	7.81	137	4.71	166	96	40	0	1	2	0
	WICHITA FALLS	71	40	75	31	56	12	0.47	0.19	0.47	4.57	159	3.19	242	90	39	0	1	1	0
UT	SALT LAKE CITY	53	35	62	32	44	11	1.09	0.78	1.02	2.70	91	1.74	111	89	51	0	2	2	1
VA	LYNCHBURG	53	29	61	24	41	5	0.55	-0.20	0.55	10.12	139	5.08	134	89	44	0	6	1	1
	NORFOLK	51	39	60	33	45	3	0.13	-0.64	0.10	9.55	136	3.15	84	89	60	0	0	2	0
	RICHMOND	52	34	58	28	43	4	0.41	-0.27	0.41	13.68	195	4.87	138	86	51	0	4	1	0
	ROANOKE	54	34	59	26	44	5	0.46	-0.24	0.45	8.67	132	4.51	129	79	41	0	2	2	0
	WASH/DULLES	48	34	55	27	41	7	1.23	0.57	1.23	11.63	178	5.95	184	85	55	0	3	1	1
VT	BURLINGTON	34	27	37	19	31	10	0.01	-0.42	0.01	8.50	176	2.84	122	87	73	0	6	1	0
WA	OLYMPIA	57	43	63	29	50	10	0.42	-1.08	0.23	18.86	116	8.50	101	99	70	0	1	3	0
	QUILLAYUTE	59	50	67	37	55	12	3.50	0.52	1.40	32.96	107	18.21	108	85	68	0	0	6	3
	SEATTLE-TACOMA	58	48	61	38	53	9	0.54	-0.60	0.32	14.43	120	6.15	98	89	59	0	0	4	0
	SPOKANE	45	37	54	35	41	10	0.21	-0.16	0.08	5.48	122	2.18	102	97	81	0	0	4	0
	YAKIMA	47	34	51	29	41	7	0.28	0.05	0.26	3.24	119	1.83	142	96	75	0	2	2	0
WI	EAU CLAIRE	44	27	52	21	35	21	0.00	-0.22	0.00	1.56	62	0.14	12	93	62	0	7	0	0
	GREEN BAY	39	31	46	28	35	17	0.02	-0.26	0.02	2.20	67	0.89	59	92	72	0	5	1	0
	LA CROSSE	44	31	53	25	38	18	0.00	-0.28	0.00	1.85	64	0.90	66	90	63	0	5	0	0
	MADISON	39	29	44	26	34	15	0.01	-0.32	0.01	3.50	108	1.88	117	94	72	0	5	1	0
	MILWAUKEE	41	33	49	29	37	13	0.00	-0.38	0.00	5.30	138	3.09	158	86	68	0	3	0	0
WV	BECKLEY	44	29	53	23	37	4	0.76	0.04	0.59	6.95	103	4.20	122	89	61	0	7	4	1
	CHARLESTON	49	34	56	25	41	6	0.76	0.02	0.66	6.00	83	3.95	109	87	54	0	1	4	1
	ELKINS	45	30	52	22	38	7	0.78	0.02	0.63	6.14	84	3.47	94	97	65	0	4	3	1
	HUNTINGTON	49	35	55	30	42	6	0.35	-0.39	0.30	6.64	94	4.96	144	86	56	0	1	3	0
WY	CASPER	52	29	56	19	40	15	0.20	0.09	0.20	0.62	53	0.56	102	82	45	0	5	1	0
	CHEYENNE	53	27	61	24	40	11	0.56	0.46	0.56	1.09	122	0.97	242	82	37	0	7	1	1
	LANDER	42	24	47	19	33	11	0.87	0.74	0.86	2.04	169	1.33	230	87	60	0	7	2	1
	SHERIDAN	61	26	68	22	44	19	0.12	-0.04	0.12	0.50	41	0.40	58	82	32	0	7	1	0

Based on 1991-2020 normals ***** Not Available**

International Weather and Crop Summary

January 28 - February 3, 2024

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

HIGHLIGHTS

EUROPE: Sunny skies and anomalous warmth eased western winter grains and oilseeds out of dormancy more than a month ahead of normal.

MIDDLE EAST: Cold weather expanded across most of the region, with additional rain and high-elevation snow from the Mediterranean Coast into Iran.

NORTHWESTERN AFRICA: Dry and very warm weather exacerbated severe drought in the west and renewed drought in the east.

SOUTHEAST ASIA: Rice and oil palm in southern portions of the region benefited from widespread precipitation.

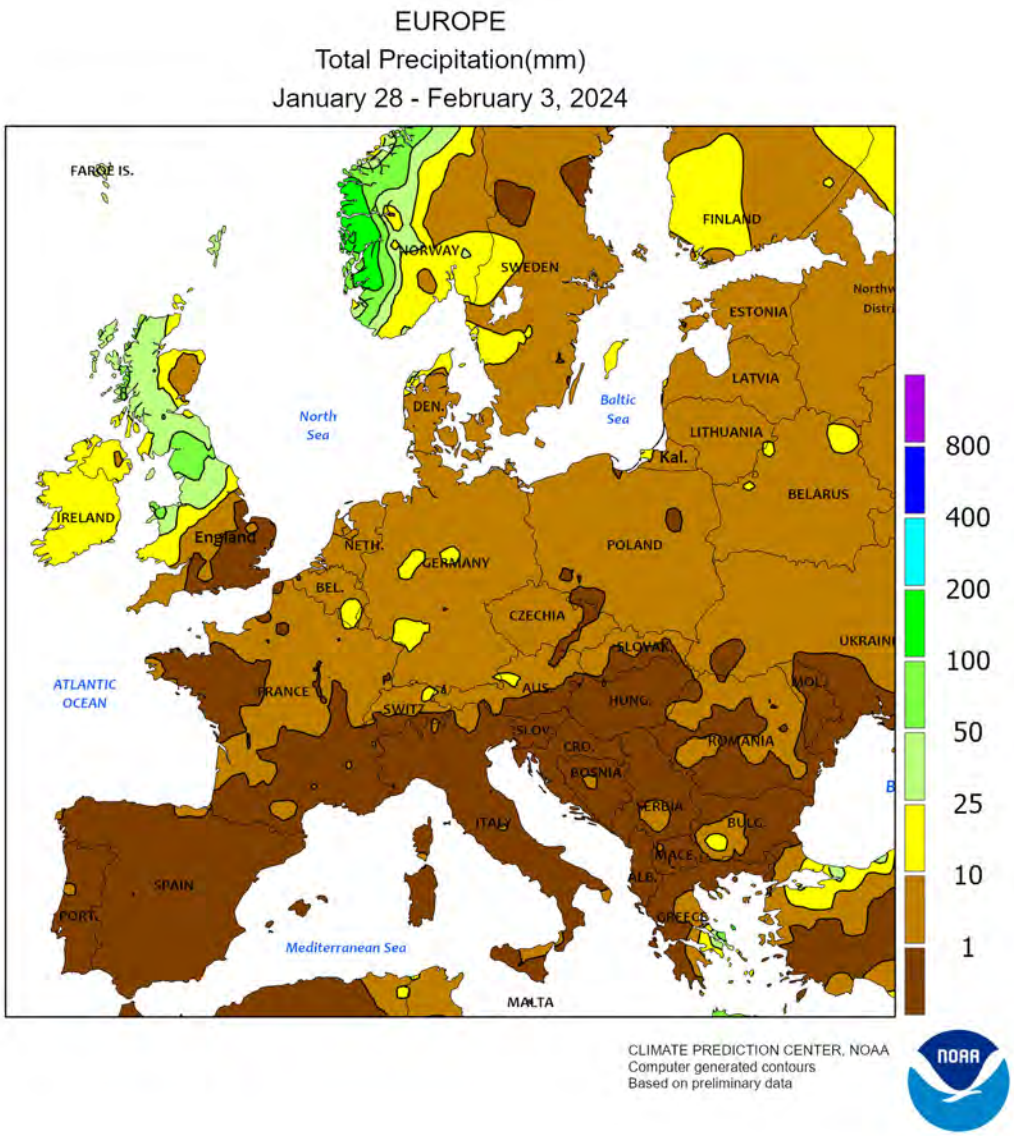
AUSTRALIA: Widespread, locally heavy showers aided summer crop development in southern Queensland and northern New South Wales.

SOUTH AFRICA: Warm, dry weather increased moisture demands of corn and other rain-fed summer crops.

ARGENTINA: Heat and dryness stressed reproductive summer crops.

BRAZIL: Warm, sunny weather dominated southern farming areas, as beneficial showers overspread corn and cotton areas farther north.

For additional information contact: mark.brusberg@usda.gov



EUROPE

Sunny and unseasonably warm weather prevailed over most of the continent, though locally heavy rain was reported in windward portions of northern Europe. Abnormal warmth (up to 6°C above normal) prevailed for a second consecutive week nearly everywhere save for Greece (1-3°C below normal). In France and England, winter crops began to break dormancy more than a month ahead of normal due to 7-day average temperatures approaching 10°C coupled with increasingly longer daylength and stronger sunlight. Similarly, winter crops lost cold hardiness in northern and western Germany (weekly average temperatures approaching 8°C). However, winter wheat, barley, and rapeseed remained dormant over eastern Europe where 7-day average temperatures remained at or below 5°C. Farther south, winter grains added vegetative growth in Spain and Italy but were still in the early stages of development. Across most of Europe, sunny skies promoted seasonal fieldwork, though moderate to heavy rain (25-100 mm, locally more) was noted in western portions of England and Norway.

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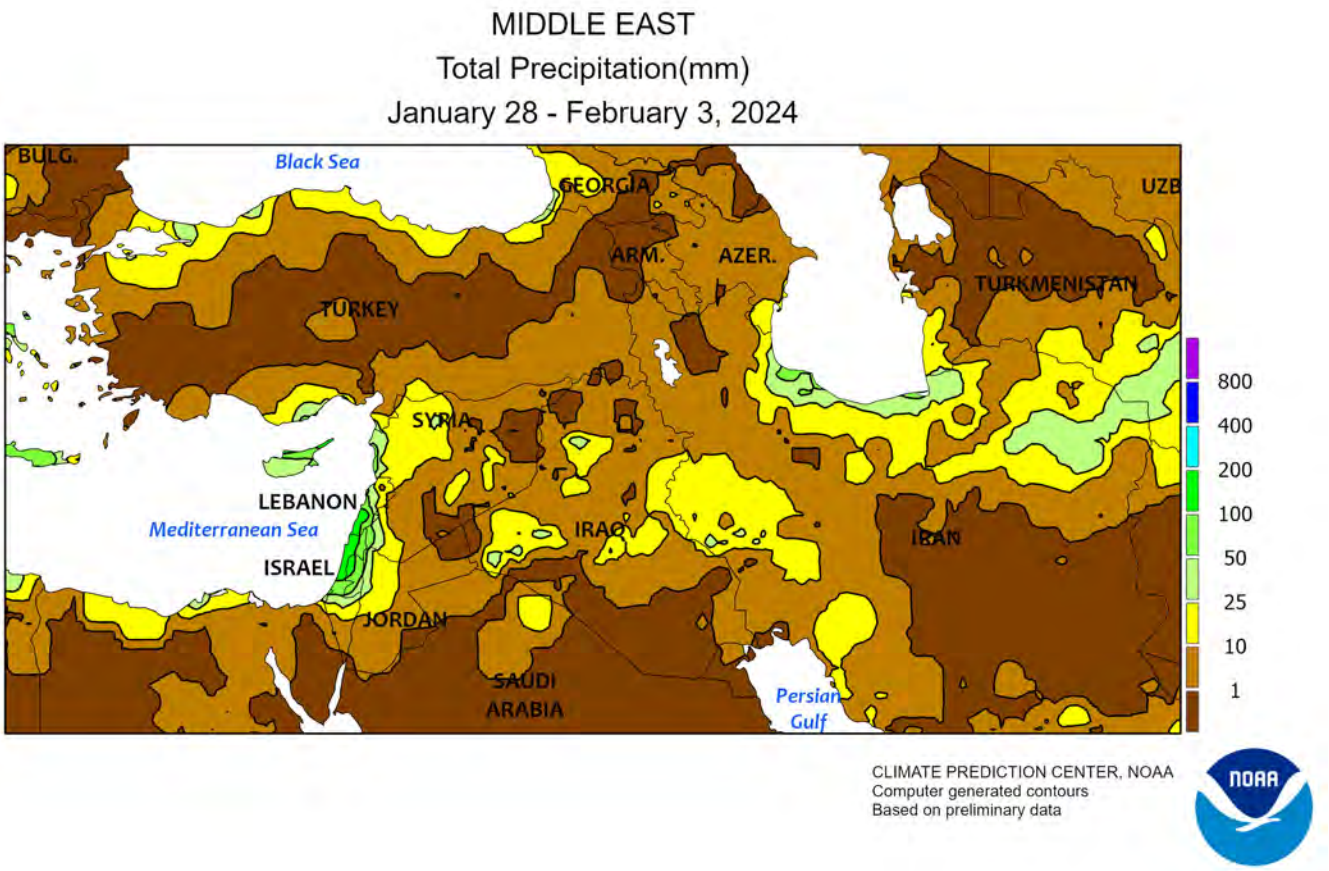

MIDDLE EAST

Cold weather expanded across the region, accompanied by widespread rain and high-elevation snow in central, southern, and eastern croplands. Temperatures averaged 1 to 3°C below normal (locally more) nearly everywhere except for southeastern Iran (1-3°C above normal), with hard freezes (-8 to -2°C) noted from central Turkey into central and northern Iran. The cold temperatures slowed winter crop development in warmer southern growing areas and kept winter grains dormant from central Turkey into northern Iran. While northern winter crops remained dormant, wheat and barley (the latter being further along in development) were vegetative in Israel but approaching or entering reproduction in Jordan and Saudi Arabia; Saudi Arabia grows a small barley crop in central portions of the country. Moderate to heavy rain (10-120 mm) was reported across the eastern Mediterranean Coast and immediate environs, boosting moisture supplies for winter grains but likely causing localized flooding. In Iran, rain and high-elevation snow improved moisture reserves for spring growth and alleviated short-term dryness in the northeast (Khorasan Province, 10-35 mm) and along the Persian Gulf (5-25 mm in the Fars Province). However, dry conditions (5 mm or less) were noted in far northwestern Iran and northern Iraq. Meanwhile, Turkey's primary winter crop areas on the Anatolian Plateau were also dry, but moisture reserves remained overall favorable.

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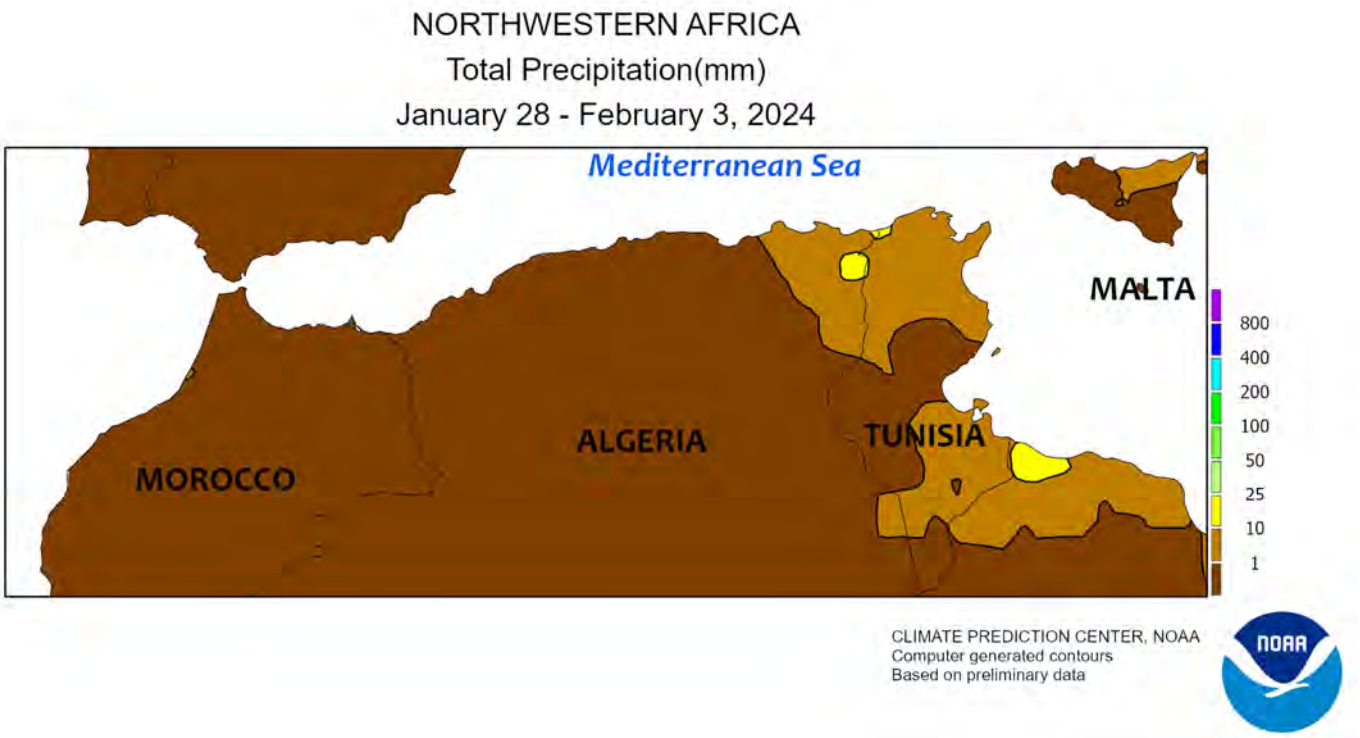

NORTHWESTERN AFRICA

Dry and very warm weather exacerbated drought in the west and renewed drought in the east. Rain during the monitoring period was mainly light (mostly less than 10 mm, but an isolated report of 21 mm) and confined to northeastern Algeria and northern Tunisia. As a result, long-term severe drought intensified in Morocco and western Algeria while short-term dryness and drought were becoming firmly established from central Algeria into Tunisia. Since September 1, rainfall in Morocco's primary winter grain areas adjacent to the central Atlantic Coast dropped to 40 percent of normal (second driest of the past 30 years) and 41 percent of normal in western Algeria (driest of the past 30 years). Exacerbating the drought over the western half of the region were temperatures which averaged 2 to 6°C above normal, with daytime highs topping 30°C in southwestern Morocco. As a result, winter barley was hastened into reproduction, while wheat was advancing toward reproduction; both crops were developing two to four weeks ahead of average. The highly variable and recently deteriorating growing season continued from central Algeria into Tunisia despite the isolated showers. While winter grains were still vegetative in central and eastern Algeria, Tunisia's crops ranged from late-stage tillering for wheat to approaching reproduction for barley.

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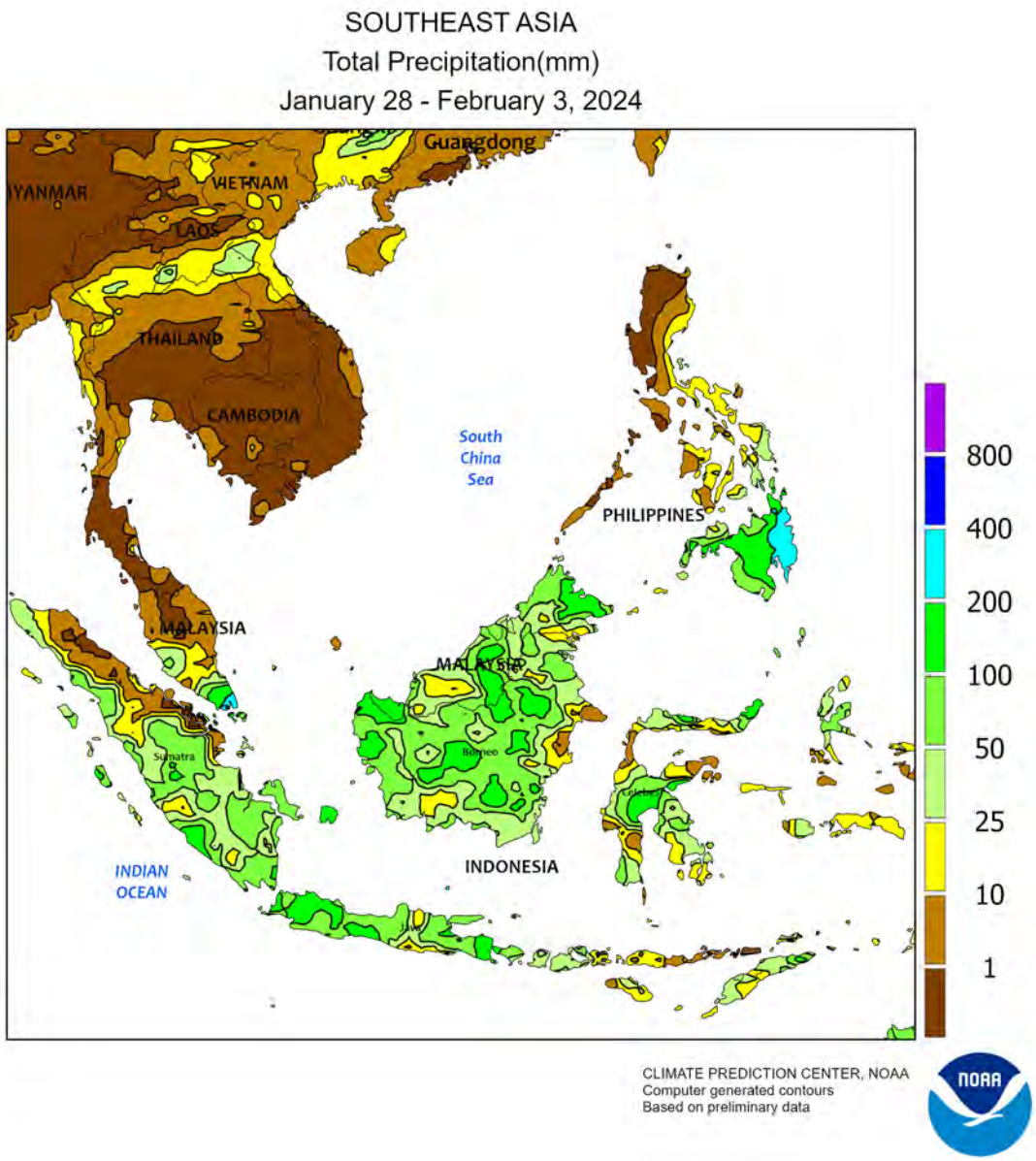

SOUTHEAST ASIA

Widespread showers (25-100 mm in most areas) across the southern tier of the region continued to benefit oil palm and rice. In particular, rainfall totals in Java, Indonesia, have rebounded significantly after a lackluster start to the main growing season. Since January 1, rainfall has trended near normal, bolstering both main-season moisture supplies for the rice as well as irrigation supplies for the next cropping cycles. Furthermore, 2023-24 Water Year (beginning August 1) deficits have eased, with precipitation totals now topping 70 percent of normal after spending much of the period below 60 percent. Additionally, heavy showers (approaching 200 mm locally) in Sabah, Malaysia, eased prolonged dryness in a key oil palm area, but seasonal drought remained a concern for yield prospects. Elsewhere, wet weather (topping 200 mm locally) in the Philippines was generally limited to the south (Mindanao), as persistent sub-par rain in key northern rice and corn areas reduced yield potential.

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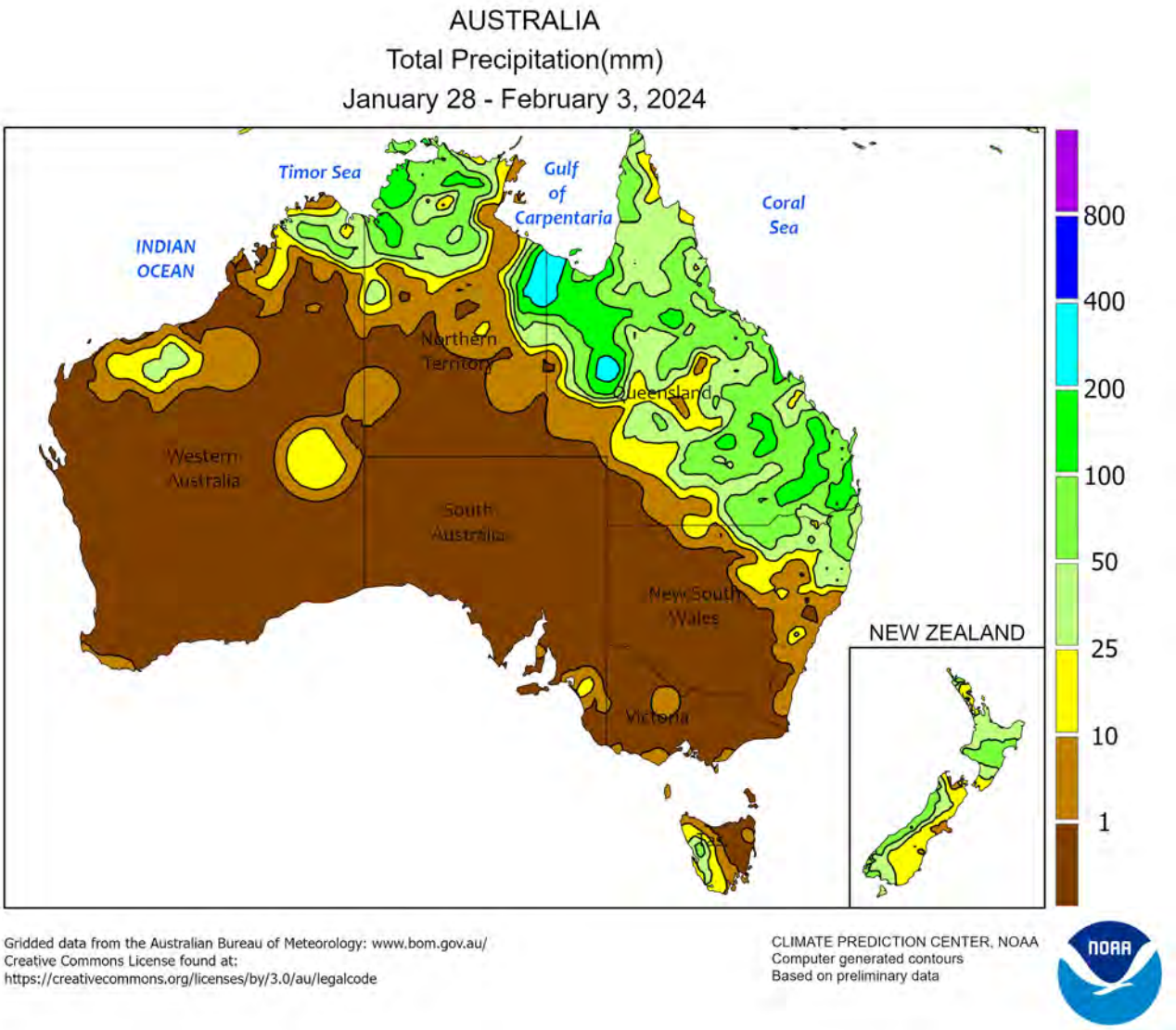

AUSTRALIA

Widespread, locally heavy showers (25-50 mm, locally more than 100 mm) overspread southern Queensland and northern New South Wales, boosting root zone soil moisture for summer crops. Despite the rain and associated cloud cover, temperatures remained unseasonably warm, averaging 1 to 2°C above normal with maxima in the upper 30s and lower 40s (degrees C). Although the hot weather elevated evaporation rates, the rain helped maintain average to above-average root zone soil moisture, aiding summer crop development. Elsewhere in eastern Australia, sunny, seasonably warm weather in southern New South Wales spurred development of irrigated summer crops.

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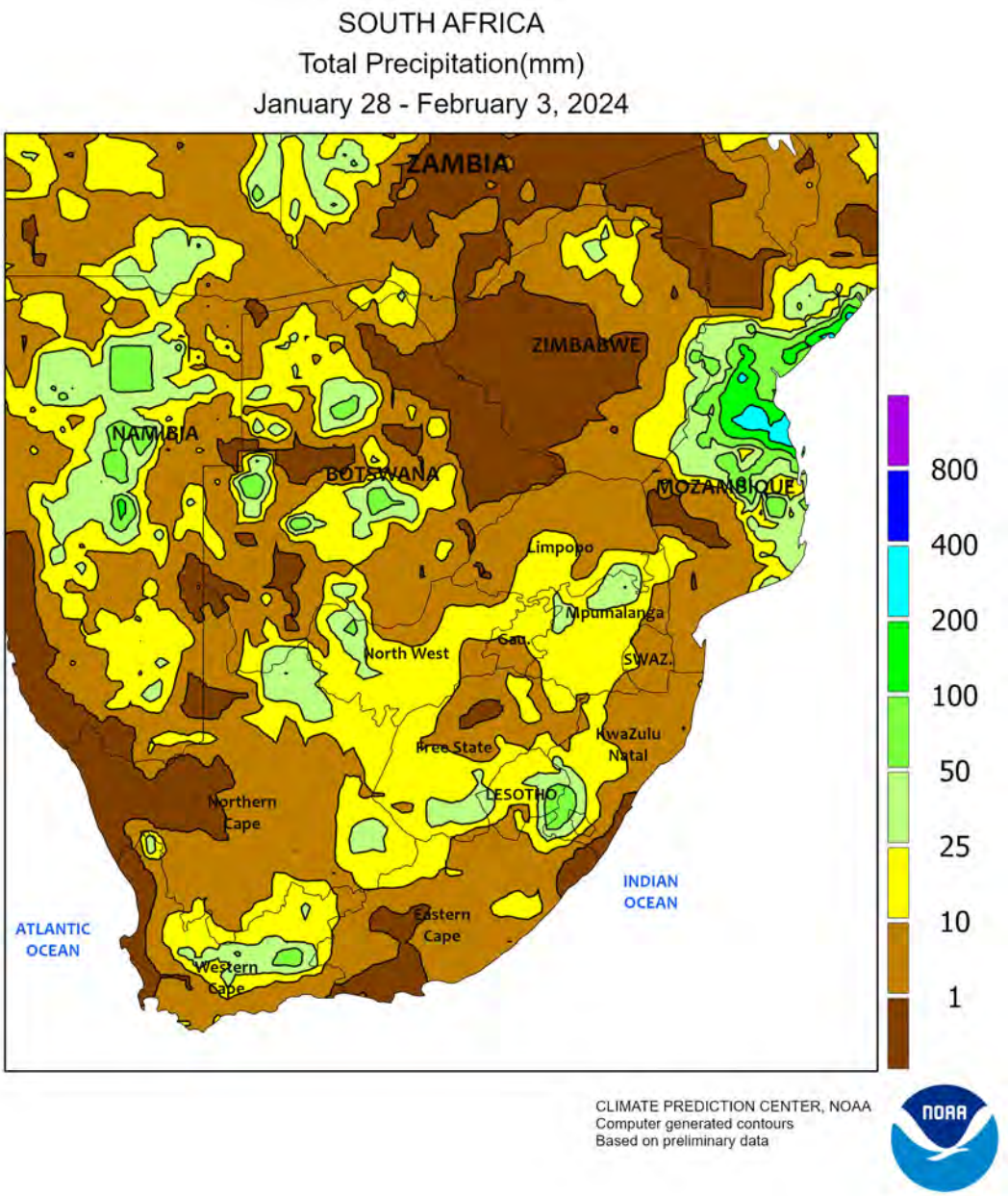

SOUTH AFRICA

Warm weather – accompanied by scattered, generally light showers – continued across the region, maintaining high moisture requirements of corn and other rain-fed summer crops. Weekly temperatures averaged 1 to 2°C above normal in the main eastern commercial farming areas, with daytime highs ranging in the lower and middle 30s (degrees C) at most locations. Rainfall was patchy, with few locations recording more than 25 mm and many parts of the region receiving less than 10 mm. Following several weeks of dryness, vegetative to reproductive summer crops needed moisture to sustain current yield prospects. Elsewhere, moderate to heavy rain (10-50 mm, locally higher) fell in climatologically drier locations in the vicinity of Lesotho and other watersheds of the Orange River, increasing irrigation reserves for corn, cotton, and other summer crops. In contrast, sunny, hot weather (temperatures reaching 40°C) sped development of tree and vine crops in Western Cape.

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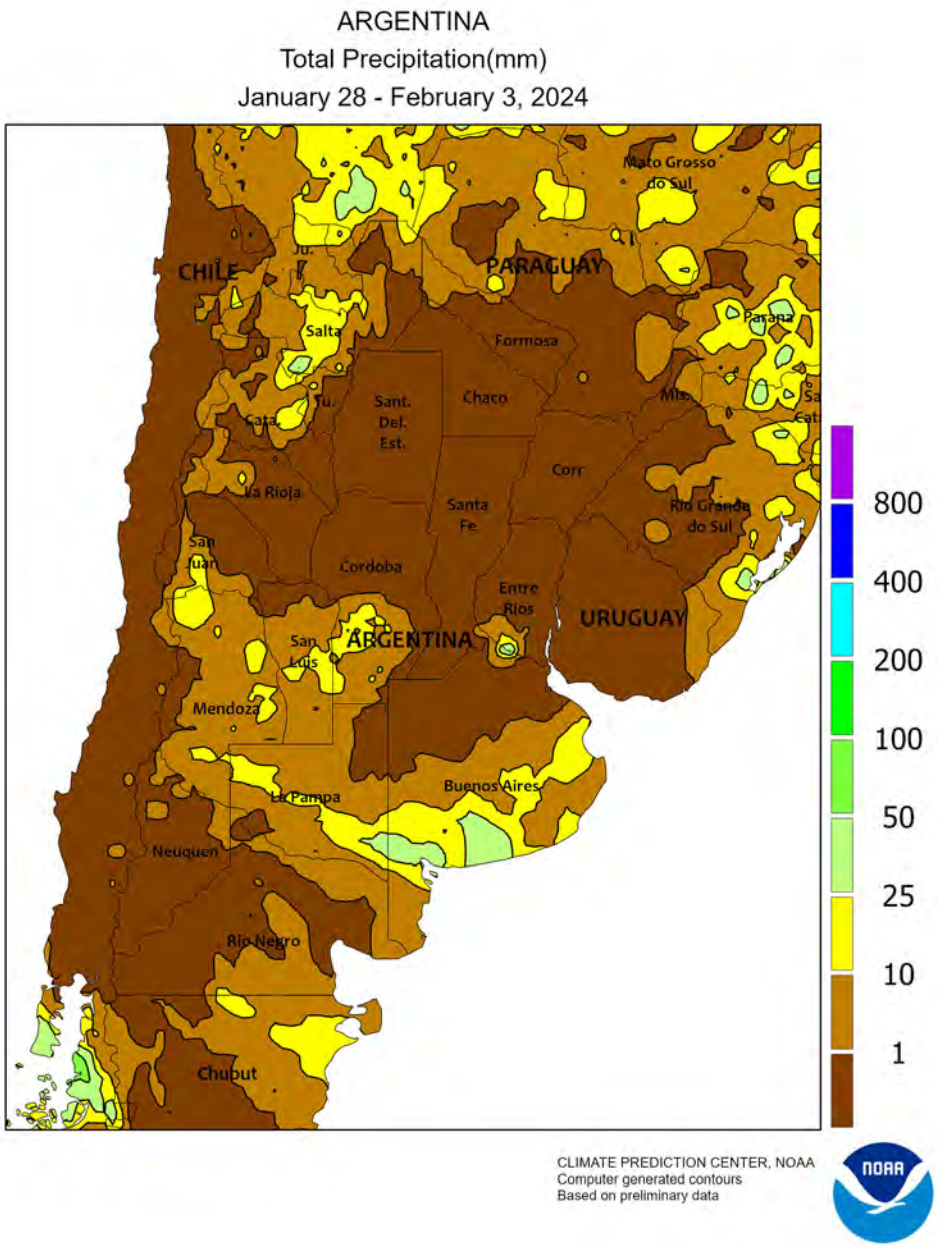

ARGENTINA

Unseasonable dryness and heat stressed reproductive summer grains and oilseeds in nearly all major farming areas. In central Argentina (La Pampa, Buenos Aires, and neighboring delegations from southern Córdoba eastward through Entre Rios), weekly temperatures averaged 3 to 6°C above normal, with highs reaching 37 to 40°C throughout the region on multiple days. Aside from periodic showers (5-45 mm) in southern and eastern Buenos Aires, major agricultural areas were completely dry, continuing a drying trend that began in mid-January. While initially beneficial after a period of heavy rain, the dryness – combined with the recent spike in temperatures – has raised concern for potential yield declines in corn, soybeans, and other summer crops that had previously been experiencing favorable growing conditions. Similar conditions prevailed across the north, where virtually no rain fell and temperatures averaged between 1 and 4°C above normal (daytime highs reaching as high as 45°C in the far northwest). According to the government of Argentina, planting of summer grains, oilseeds, and cotton was almost fully complete as of February 1; sunflowers were 15 percent harvested, with fieldwork concentrated over earlier-maturing northern production areas.

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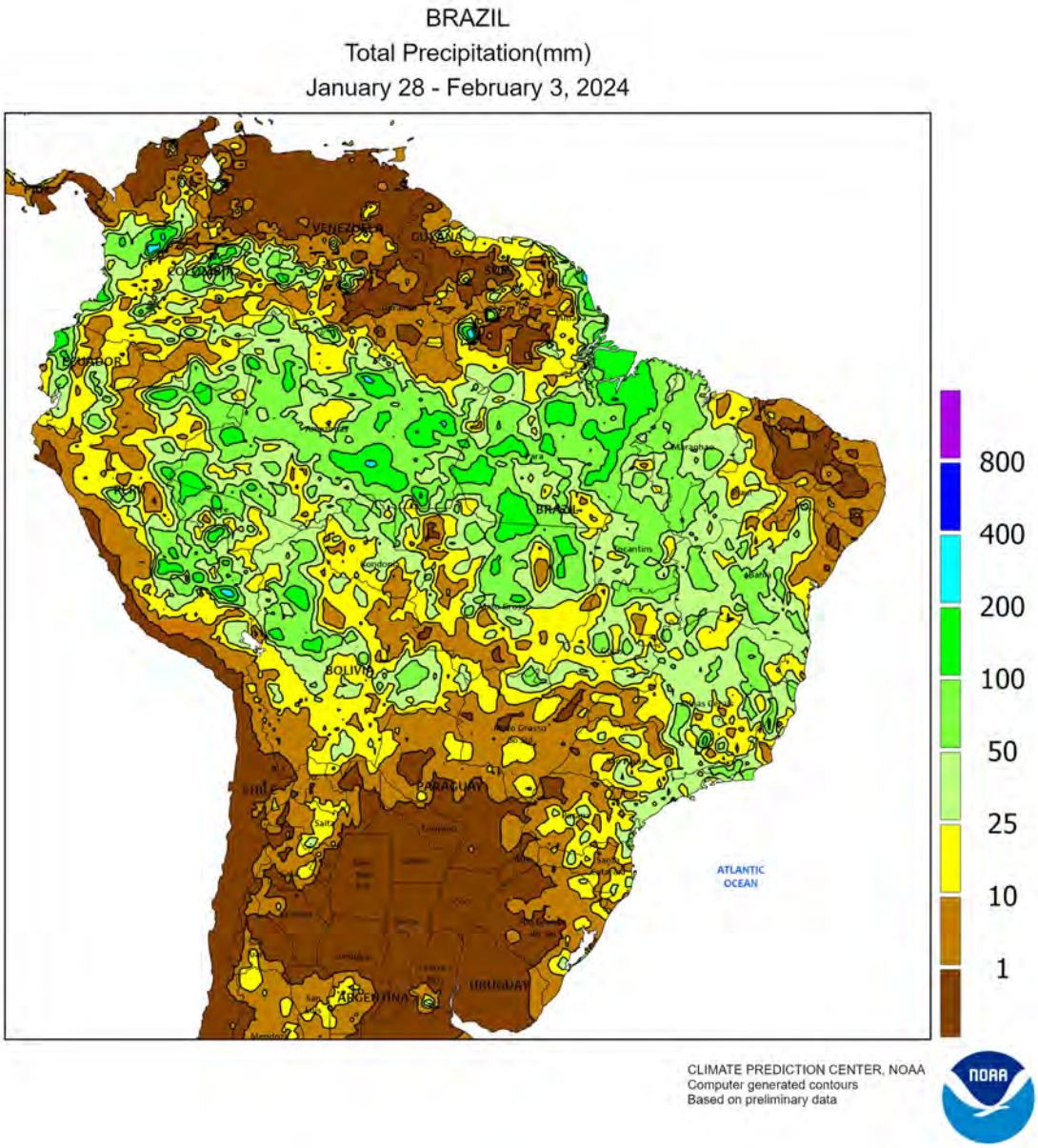

BRAZIL

Unseasonable warmth and dryness in southern farming areas contrasted with beneficial rain farther north, maintaining mixed prospects for summer crops. Rainfall totaled below 10 mm over a broad area stretching from Mato Grosso do Sul southward, with few locations reporting more than 20 mm. Daytime highs reaching the middle 30s (degrees C) exacerbated the effects of the dryness on immature summer crops, including the advanced maturation of main-season crops. According to government reports, Paraná's first-crop corn and soybeans were both 19 percent harvested as of January 29; second-crop corn was 22 percent planted and no crops had reached reproduction. In Rio Grande do Sul, corn planting was nearly completed as of January 31, with nearly 60 percent either mature or harvested; meanwhile, 50 percent of soybeans had reached flowering. Farther north, moderate to heavy rain (25-100 mm, locally higher) fell from Mato Grosso eastward, coming too late for most soybeans but providing much-needed moisture for emerging to vegetative corn and cotton. According to the government of Mato Grosso, soybeans were 39 percent harvested as of February 2, compared with 24 percent last year; corn and cotton planting were 29 and 95 completed, respectively, ahead of last year's pace for both crops. Daytime highs mainly in the lower and middle 30s promoted early growth of corn and cotton without additional stress.

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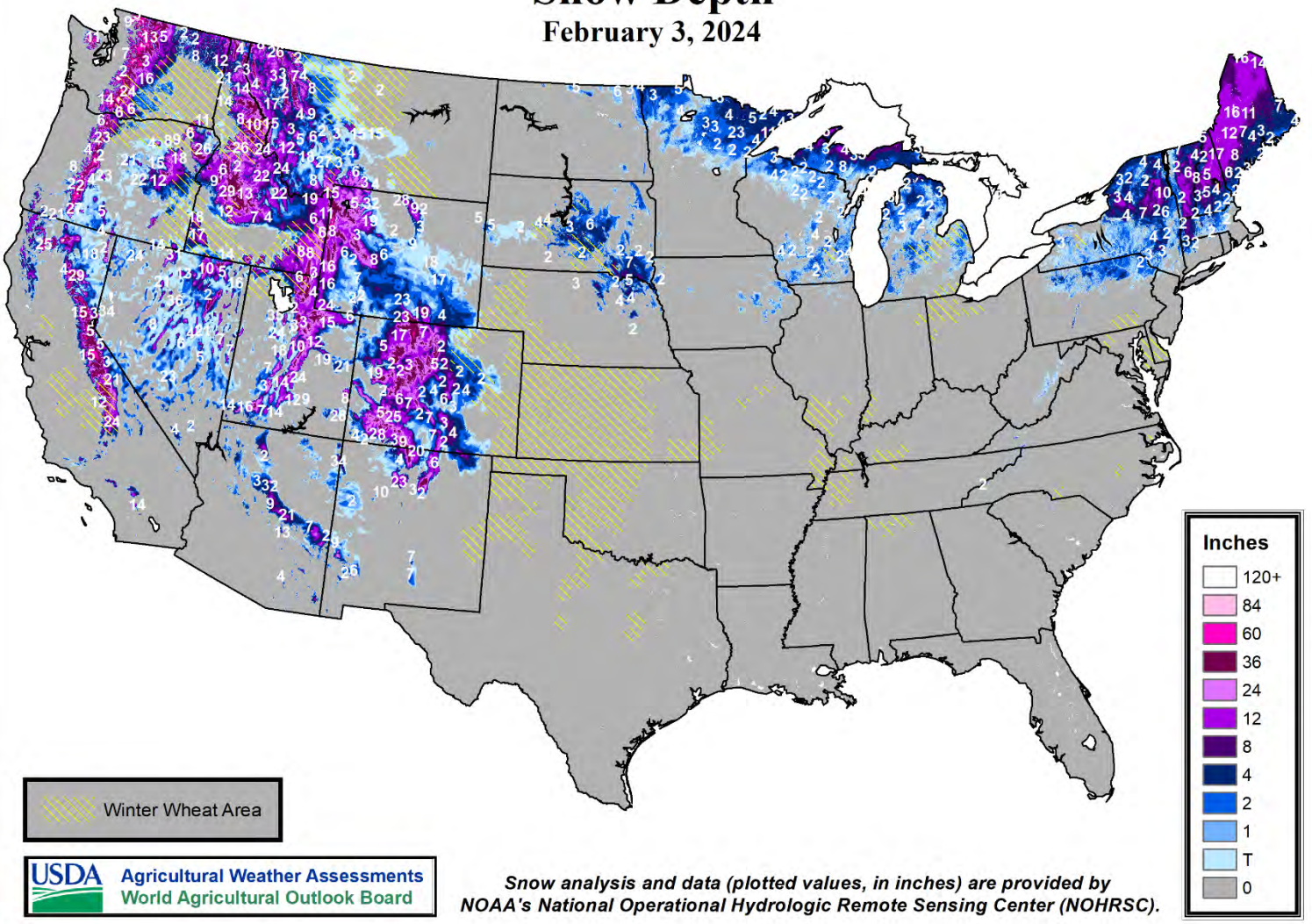
Snow Depth

February 3, 2024



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. The contents may be redistributed freely with proper credit.

Correspondence to the meteorologists should be directed to:
***Weekly Weather and Crop Bulletin*, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**
Internet URL: **www.usda.gov/oce/weather-drought-monitor**
E-mail address: ***brad.rippey@usda.gov***

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