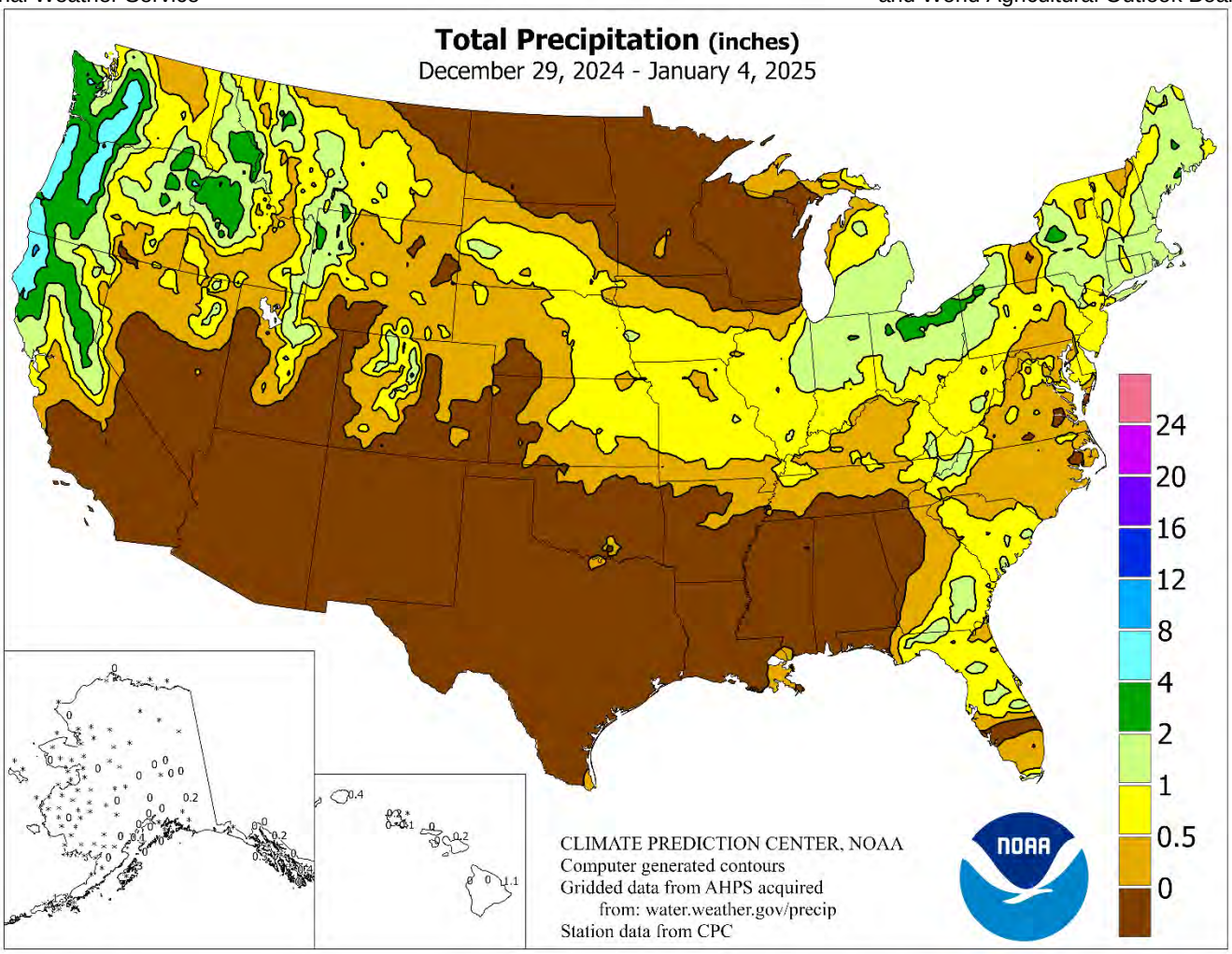
Volume 112, No. 1 www.usda.gov/oce/weather-drought-monitor January 7, 2025

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

December 29, 2024 – January 4, 2025

Highlights provided by USDA/WAOB

A series of cold fronts delivered incrementally colder air across the **central and eastern U.S.**, setting the stage for a late-week storm system that ultimately (on January 5-6) resulted in a substantial, west-to-east band of snow and ice accumulations from the **central Plains to the mid-Atlantic**. More details on the January 5-6 storm system will appear next week. Earlier, an impressively wet winter cold front delivered heavy rain on December 29 from the **lower Midwest into the Northeast**, with more than an

(Continued on page 3)

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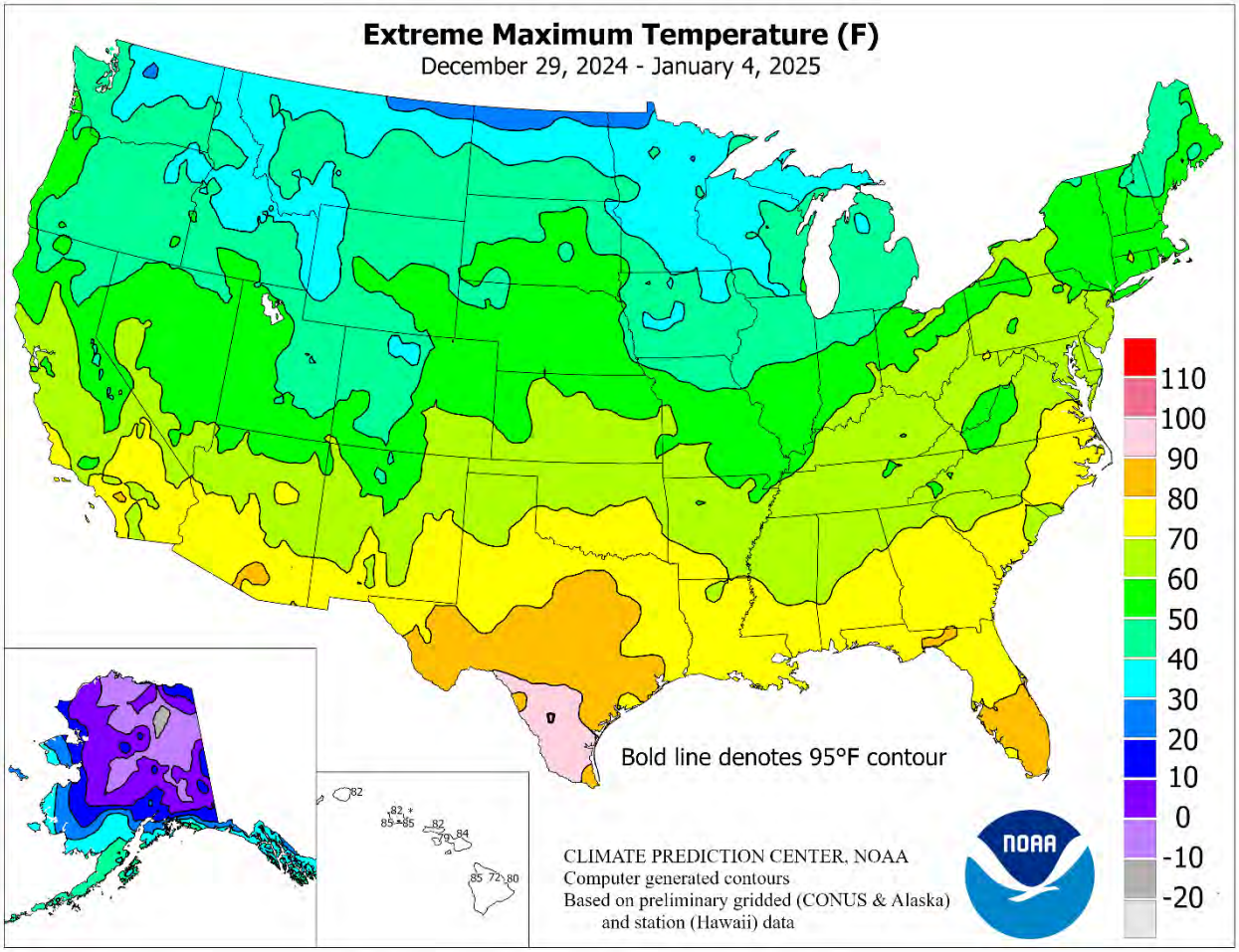
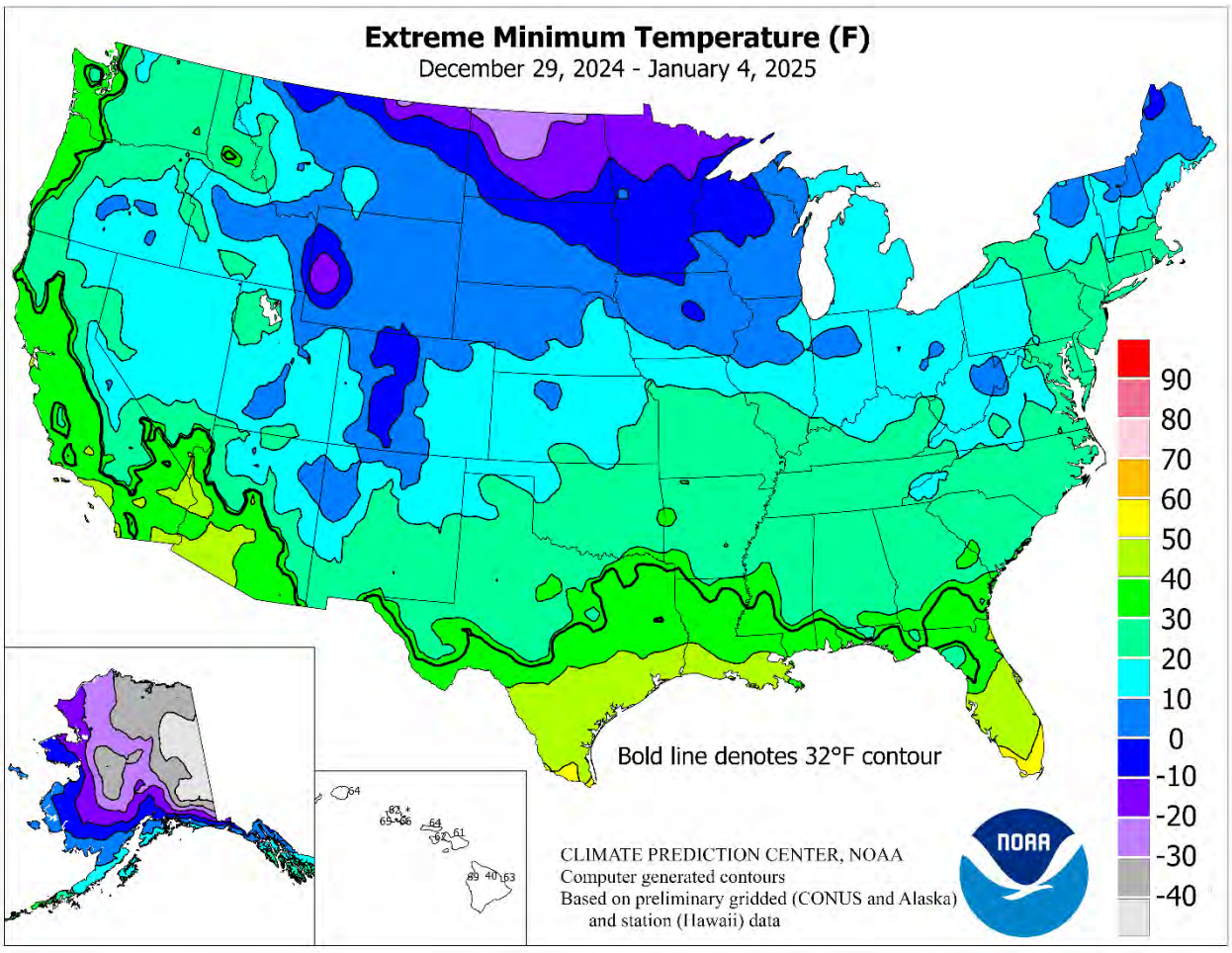
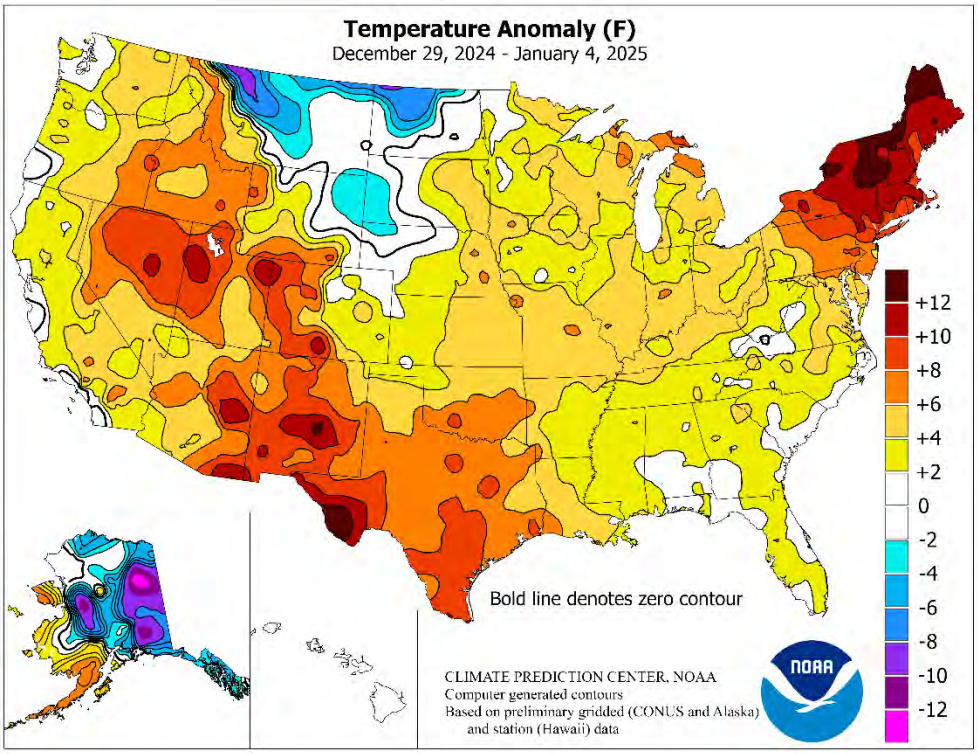

Extreme Maximum Temperature (F)
December 29, 2024 - January 4, 2025
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS & Alaska)
and station (Hawaii) data
NOAA


Extreme Minimum Temperature (F)
December 29, 2024 - January 4, 2025
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)

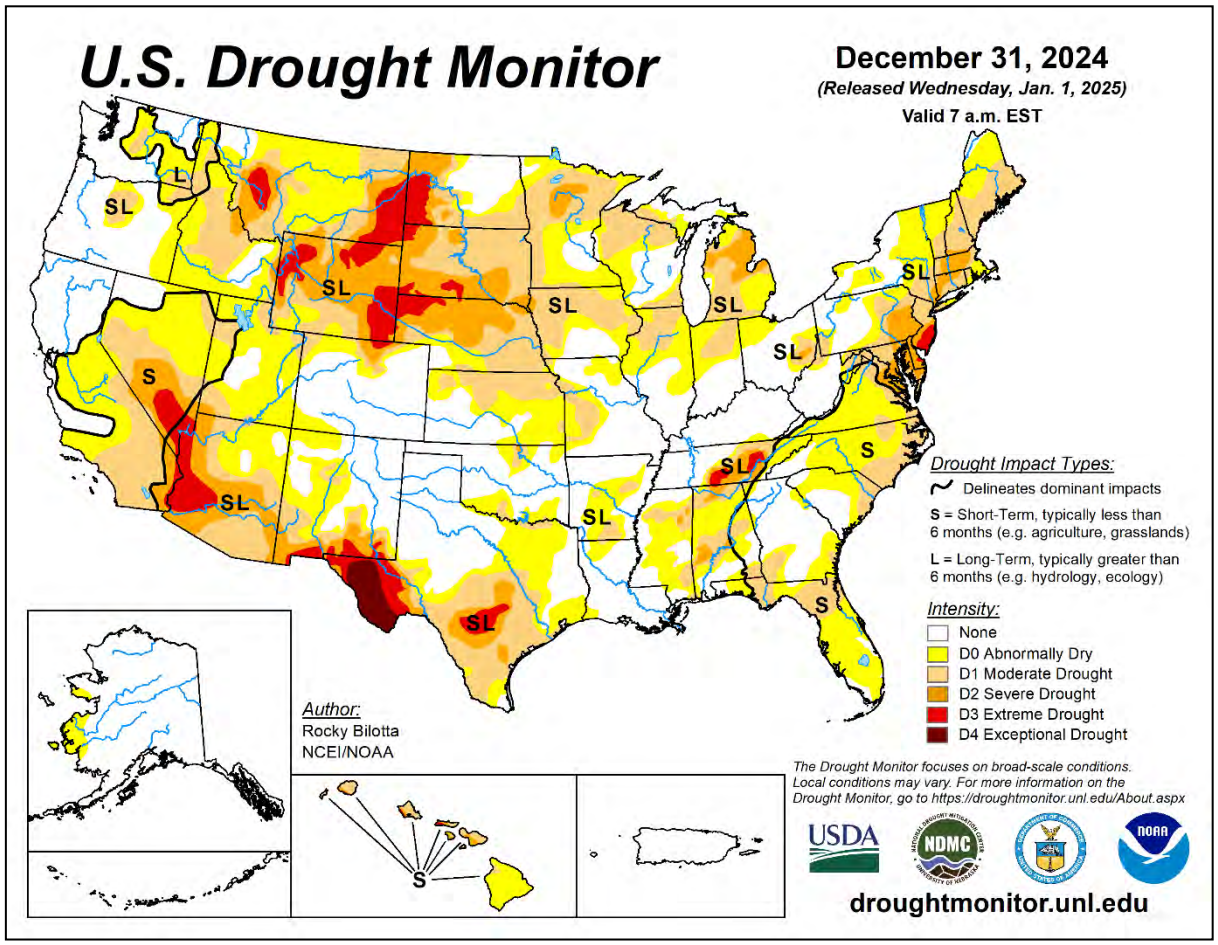


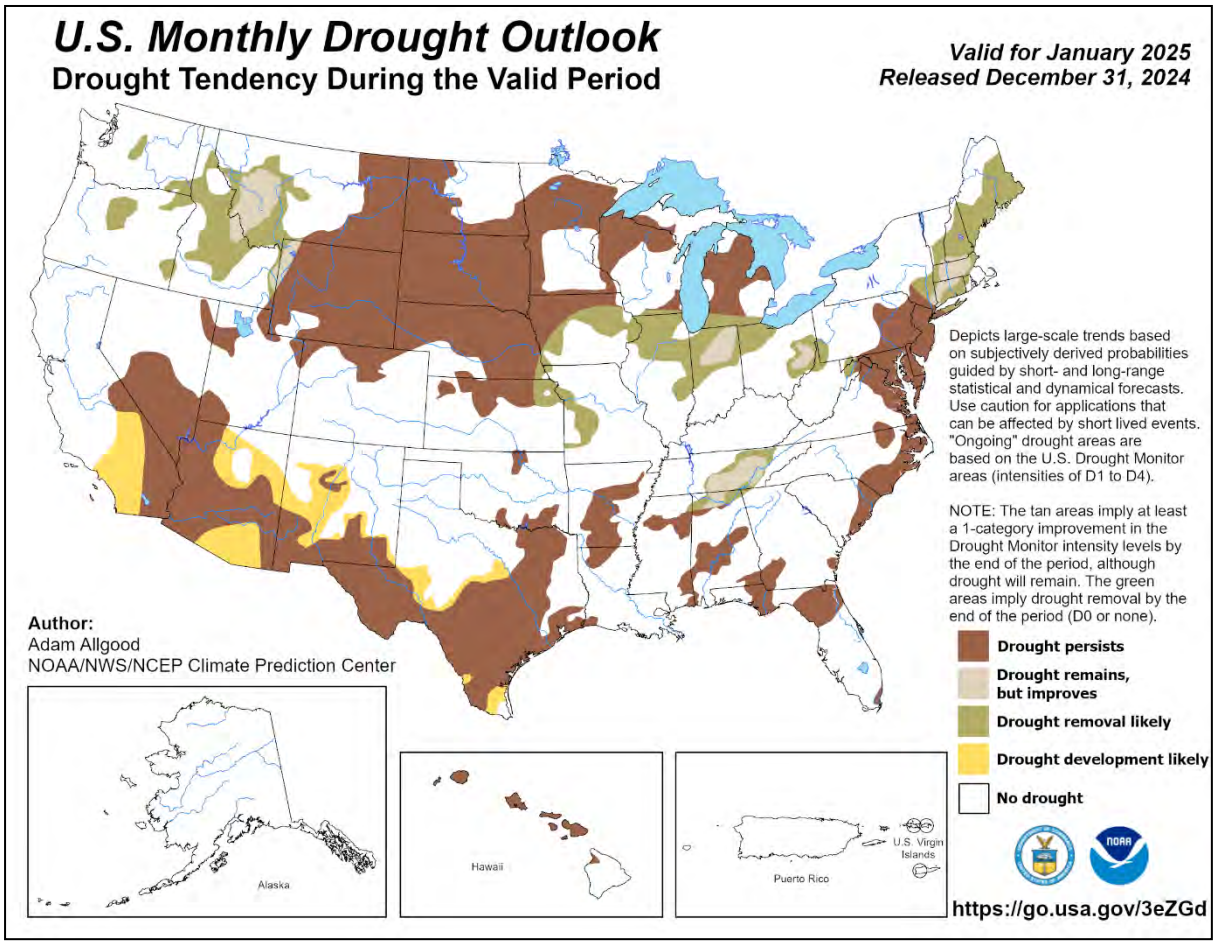
inch falling in Michigan locations such as **Detroit** and **Saginaw**. Farther south, the continuation of a severe weather outbreak that had peaked a day earlier (on the 28th) continued into the new week, with a rare winter tornado reported in **Ohio** on December 29. Elsewhere on that date, numerous reports of **Southeastern** severe weather included high winds and isolated tornadoes. Meanwhile, unsettled weather included a stripe of snow across parts of the **northern Plains** in late December, followed by the arrival of a new storm system along the **northern Pacific Coast**. The latter system, which produced significant Northwestern precipitation, would become the **east-central Plains'** blizzard of January 5. Elsewhere, unfavorably dry weather persisted in the **Southwest**, with correspondingly abysmal mountain snowpack. With warmth lingering for much of the week in the **Northeast**, weekly temperatures broadly averaged at least 10 to 15°F above normal. **Texas** was also notably warm, with temperatures averaging as much as 10°F above normal in southern and western sections of the state. Warm weather extended to many parts of the **western U.S.**, especially the **southern Rockies** and parts of the **Great Basin** and **Intermountain West**. In contrast, cold air first arrived across the **northern Plains**, helping to lower weekly temperatures to near- or below-normal levels. In fact, readings averaged more than 5°F below normal in parts of **Montana** and **North Dakota**.

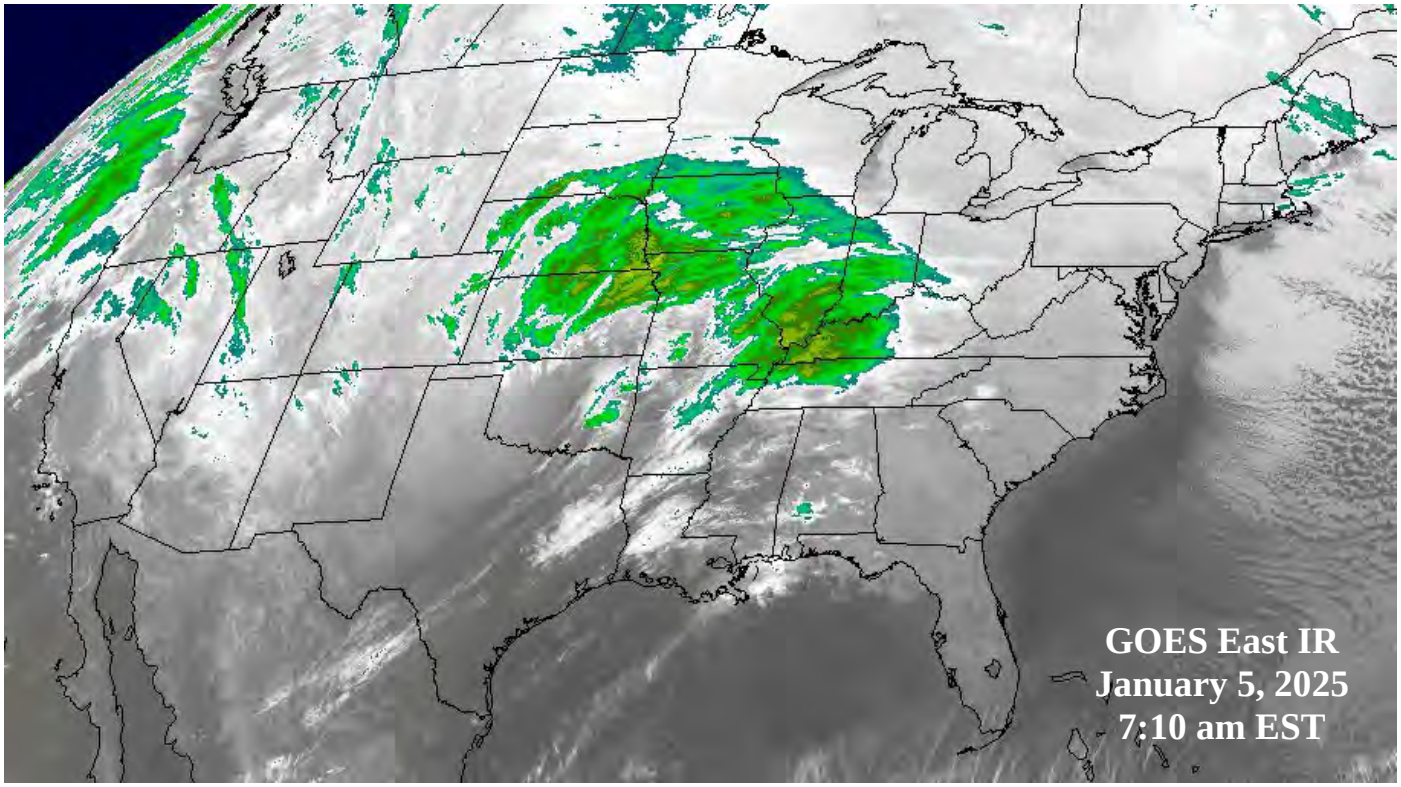
Early-week temperatures topped 90°F in parts of **southern Texas**, with **Del Rio** (91°F on December 30) tying a monthly record originally set on December 14, 2019. Readings above 70°F were observed throughout the **South**, from **southern California to the southern Atlantic Coast**. On December 29, **Eastern** daily-record highs soared to 71°F in **Morgantown, WV**; 65°F in **Reading, PA**; and 61°F in **Burlington, VT**. The late-month warmth came with showers, thunderstorms, and gusty winds, which in West Virginia on the 29th were clocked to 67 mph in **Wheeling** and 60 mph in **Parkersburg**. Two days later, on New Year's Eve, **West Virginia** peak gusts included 63 mph in **Morgantown**, 55 mph in **Clarksburg**, and 53 mph in **Bluefield**. Back in **Texas**, **McAllen** tied a station record (from 1950, 1951, and 1987) with 3 days of 90-degree heat in December. Unlike the previous instances, **McAllen's** 90-degree readings occurred on 3 consecutive days, with highs of 91, 90, and 94°F, respectively, on December 28, 29, and 30. By December 31, New Year's Eve, daily-record highs were set or tied in **Eastern** locations such as **Miami, FL** (84°F), and **St. Johnsbury, VT** (47°F). As 2025 began, record-setting warmth shifted into the **Southwest**. In **Arizona**, record-setting highs for January 2 climbed to 68°F in **Prescott** and 63°F in **Flagstaff**. Through January 4, **Flagstaff's** season-to-date snowfall totaled just 2.7 inches (9 percent of normal). **Prescott** (67°F) posted another daily-record high on January 3, while **Phoenix, AZ**, logged 81°F. Other **Western** daily-record highs for January 3 included 58°F in **Salt Lake City, UT**, and 52°F in **Laramie, WY**. A day later, **Albuquerque, NM**, collected a record-setting high (63°F) for January 4. Farther north, however, plunging temperatures led to a January 4 low of -23°F in **Garrison, ND**.

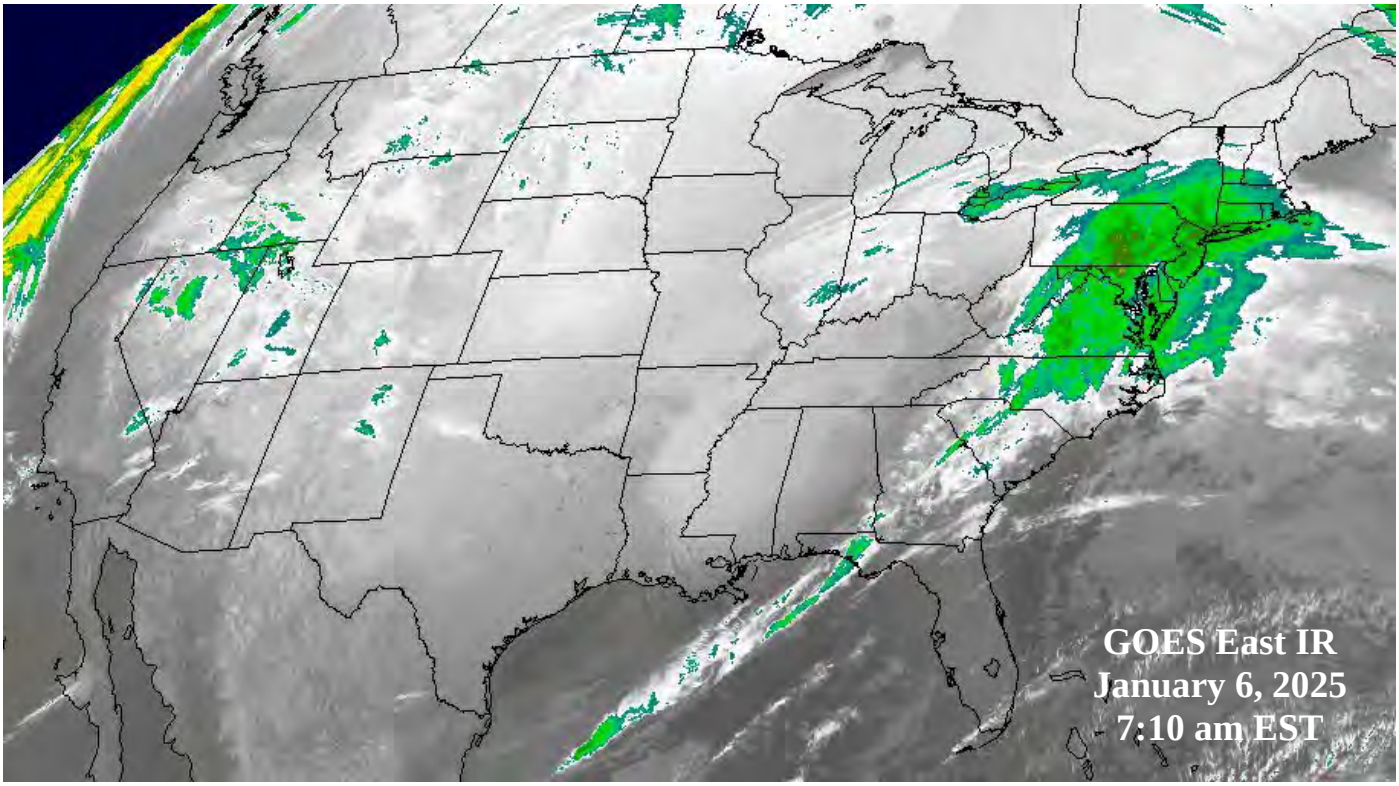
Early in the week, a cold front sweeping across the **Southeast** and **lower Midwest** generated heavy rain and locally severe thunderstorms. December 29 featured daily-record precipitation totals in **Marathon, FL** (2.45 inches); **Naples, FL** (1.85 inches); **Dayton, OH** (1.65 inches); and **Detroit, MI** (1.43 inches). Meanwhile, the focus for significant precipitation briefly shifted to the **northern Plains**, where **Pierre, SD**, collected a daily-record total (0.57 inch, including an inch of snow) on December 30. In **Montana**, **Great Falls** received its first measurable precipitation of the month from December 29-31, when 0.48 inch fell in the form of 7.4 inches of snow. In **Nebraska**, however, **North Platte** reported a record-setting stretch without measurable snow to start the season, a mark that previously ended when 3.2 inches of snow fell on December 23, 1939. This season, **North Platte** finally received snow early in the new year, with 1.4 inches falling on January 4-5. In the **Northwest**, unsettled weather intensified on January 3, when daily-record totals reached 0.63 inch in **Yakima, WA**, and 0.58 inch in **Hermiston, OR**. **Spokane, WA**, received precipitation totaling 0.68 inch on January 3-4, including 3.4 inches of snow. Similarly, **Billings, MT**, measured 0.59 inch on January 3-4, while snowfall totaled 7.0 inches.

Frigid, mostly dry weather (weekly readings as much as 20°F below normal) across **interior and southeastern Alaska** contrasted with above-normal temperatures near the **Bering Sea**. In the **Aleutians**, **Cold Bay** last experienced a temperature of 32°F or below on December 28, followed by a southeasterly wind gust to 77 mph on the 29th and a string of at least 9 consecutive days (December 29 – January 6) with a high temperature ranging from 40 to 42°F. In contrast, low temperatures dipped to -38°F on January 3 in **McGrath** and **Fairbanks**. Farther south, **Hawaii** ended 2024 and began the new year amid ongoing short-term dryness. December rainfall at the state's major airport observation sites ranged from 0.09 inch (4 percent of normal) in **Kahului, Maui**, to 3.36 inches (28 percent) in **Hilo**, on the **Big Island**. Elsewhere, **Honolulu, Oahu**, opened 2025 with a pair of daily record-tying highs of 85°F.


U.S. Drought Monitor
December 31, 2024
(Released Wednesday, Jan. 1, 2025)
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:
Rocky Bilotta
NCEI/NOAA
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
droughtmonitor.unl.edu


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for January 2025
Released December 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:
Adam Allgood
NOAA/NWS/NCEP Climate Prediction Center
Alaska
Hawaii
U.S. Virgin Islands
Puerto Rico
https://go.usa.gov/3eZGd





A colder weather regime early in early 2025 across the central and eastern U.S. set the stage for a widespread winter-weather event, primarily on January 5-6 from the central Plains to the middle Atlantic States. The storm system responsible for the snow, sleet, and freezing rain originated over the northern Pacific Ocean before producing Northwestern rain and snow on January 3-4. By January 5, blizzard conditions developed across portions of the east-central Plains and southwestern Corn Belt, with Kansas City, MO, receiving 11.0 inches of snow and clocking a peak northeasterly wind gust to 39 mph. On the same date, Topeka, KS, netted 14.0 inches of snow—along with some thunder—and had a peak gust to 41 mph. On January 5-6, Cincinnati, OH, measured 10.6 inches of snow. Meanwhile, significant icing (freezing rain) led to hundreds of thousands of individuals losing electricity, mainly from southeastern Missouri to southern Virginia. More storm details will appear next week.

National Weather Data for Selected Cities

Weather Data for the Week Ending January 4, 2025

Accessible Data Available from the Climate Prediction Center

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 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	17	8	19	-1	12	-5	0.00	-0.20	0.00	0.69	54	0.00	0	78	55	0	7	0	0
	BARROW	-11	-21	-2	-29	-16	0	0.00	-0.04	0.00	0.00	0	0.00	0	80	68	0	7	0	0
	FAIRBANKS	-17	-29	0	-38	-23	-15	0.00	-0.13	0.00	0.87	135	0.00	0	86	63	0	7	0	0
	JUNEAU	28	17	36	11	23	-6	0.19	-1.16	0.15	8.79	120	0.19	24	91	66	0	7	2	0
	KODIAK	40	34	42	21	37	6	3.02	0.97	1.03	16.05	161	1.69	146	97	82	0	2	7	2
	NOME	25	11	33	-2	18	12	0.00	-0.22	0.00	0.67	57	0.00	0	67	40	0	7	0	0
AL	BIRMINGHAM	59	37	67	27	48	3	0.48	-0.65	0.48	4.49	81	0.00	0	86	38	0	3	1	0
	HUNTSVILLE	54	36	62	26	45	2	0.24	-0.96	0.24	4.66	71	0.00	0	88	47	0	4	1	0
	MOBILE	67	41	76	34	54	2	0.35	-1.00	0.35	9.26	148	0.00	0	93	37	0	0	1	0
	MONTGOMERY	64	36	76	26	50	2	1.50	0.39	1.50	5.43	96	0.00	0	93	35	0	3	1	1
AR	FORT SMITH	57	37	68	31	47	7	0.00	-0.71	0.00	4.49	115	0.00	0	88	49	0	2	0	0
	LITTLE ROCK	55	37	65	30	46	5	0.15	-0.86	0.15	6.66	118	0.00	0	92	52	0	2	1	0
AZ	FLAGSTAFF	56	21	63	15	38	9	0.00	-0.50	0.00	0.00	0	0.00	0	65	14	0	7	0	0
	PHOENIX	75	47	81	45	61	6	0.00	-0.20	0.00	0.00	0	0.00	0	44	15	0	0	0	0
	PRESCOTT	62	30	68	24	46	7	0.00	-0.29	0.00	0.00	0	0.00	0	50	14	0	7	0	0
	TUCSON	77	42	85	39	60	7	0.00	-0.20	0.00	0.00	0	0.00	0	32	10	0	0	0	0
CA	BAKERSFIELD	60	44	65	40	52	4	0.00	-0.29	0.00	0.66	51	0.00	0	94	59	0	0	0	0
	EUREKA	55	43	59	33	49	1	4.65	3.01	1.67	13.76	152	2.83	310	99	80	0	0	7	3
	FRESNO	58	42	62	38	50	3	0.09	-0.40	0.05	1.09	52	0.04	13	98	63	0	0	2	0
	LOS ANGELES	62	49	71	47	55	-2	0.00	-0.70	0.00	0.01	0	0.00	0	98	61	0	0	0	0
	REDDING	55	42	60	35	48	2	1.42	0.09	0.61	9.35	132	0.81	107	87	55	0	0	4	2
	SACRAMENTO	57	42	62	36	49	3	0.45	-0.35	0.25	4.37	112	0.20	44	95	61	0	0	2	0
	SAN DIEGO	63	50	69	44	56	-2	0.00	-0.48	0.00	0.01	0	0.00	0	93	61	0	0	0	0
	SAN FRANCISCO	58	47	61	43	53	2	0.52	-0.38	0.38	5.13	110	0.14	28	96	66	0	0	2	0
	STOCKTON	59	40	64	34	50	3	0.11	-0.46	0.11	2.49	91	0.00	0	97	59	0	0	1	0
CO	ALAMOSA	47	7	57	1	27	11	0.00	-0.07	0.00	0.14	35	0.00	0	84	25	0	7	0	0
	CO SPRINGS	46	21	62	17	33	2	0.06	0.00	0.06	0.32	124	0.06	175	79	34	0	7	1	0
	DENVER INTL	44	18	61	11	31	0	0.11	0.03	0.06	0.11	28	0.06	123	84	38	0	7	2	0
	GRAND JUNCTION	45	26	49	22	36	10	0.00	-0.14	0.00	0.28	41	0.00	0	78	41	0	7	0	0
	PUEBLO	48	19	68	13	33	3	0.04	-0.02	0.04	0.20	62	0.04	122	79	37	0	7	1	0
CT	BRIDGEPORT	48	36	58	28	42	9	1.24	0.46	0.71	5.57	126	0.01	2	81	49	0	3	4	1
	HARTFORD	49	33	62	24	42	13	1.30	0.47	0.52	5.02	110	0.49	107	81	50	0	2	4	1
DC	WASHINGTON	53	38	68	25	45	7	0.52	-0.14	0.39	3.13	82	0.06	15	76	39	0	2	3	0
DE	WILMINGTON	49	34	61	25	42	7	0.54	-0.19	0.32	3.61	84	0.04	8	84	46	0	3	3	0
FL	DAYTONA BEACH	71	51	79	40	61	2	0.43	-0.15	0.41	2.67	99	0.00	0	99	51	0	0	2	0
	JACKSONVILLE	69	46	79	32	58	3	0.48	-0.13	0.44	1.58	50	0.00	0	92	43	0	1	2	0
	KEY WEST	77	68	81	63	72	1	1.24	0.79	1.24	3.43	142	0.00	0	94	70	0	0	1	1
	MIAMI	78	64	84	55	71	2	0.94	0.50	0.84	1.44	53	0.00	0	92	54	0	0	2	1
	ORLANDO	72	55	79	45	63	2	1.52	1.00	1.17	2.20	79	0.00	0	96	46	0	0	3	1
	PENSACOLA	66	45	76	40	56	2	1.15	-0.06	1.15	5.23	86	0.00	0	83	36	0	0	1	1
	TALLAHASSEE	69	38	80	29	53	1	0.58	-0.39	0.58	1.17	24	0.00	0	90	38	0	2	1	1
	TAMPA	73	57	79	46	65	3	0.80	0.24	0.41	0.88	30	0.00	0	91	48	0	0	3	0
	WEST PALM BEACH	78	61	84	51	69	3	0.35	-0.41	0.26	1.49	37	0.00	0	98	57	0	0	2	0
GA	ATHENS	60	37	72	28	48	4	0.68	-0.39	0.68	4.07	81	0.00	0	82	34	0	2	1	1
	ATLANTA	59	39	72	30	49	4	0.90	-0.19	0.90	4.07	78	0.00	0	79	36	0	2	1	1
	AUGUSTA	61	35	72	28	48	0	0.94	0.00	0.94	2.15	48	0.00	0	92	41	0	3	1	1
	COLUMBUS	63	38	74	30	51	2	1.47	0.39	1.47	5.74	106	0.00	0	89	33	0	3	1	1
	MACON	63	34	73	26	49	1	1.05	-0.02	1.05	2.99	57	0.00	0	96	36	0	3	1	1
	SAVANNAH	65	42	77	32	53	2	0.94	0.22	0.94	2.74	76	0.00	0	85	39	0	1	1	1
HI	HILO	80	66	80	63	73	1	1.14	-0.83	0.60	3.47	26	0.37	36	95	65	0	0	6	1
	HONOLULU	85	70	85	66	77	3	0.06	-0.46	0.05	0.27	10	0.05	16	86	49	0	0	2	0
	KAHULUI	83	66	84	61	74	1	0.22	-0.42	0.14	0.66	21	0.00	0	94	55	0	0	2	0
	LIHUE	81	68	82	64	75	2	0.38	-0.44	0.22	1.59	31	0.24	54	94	51	0	0	5	0
IA	BURLINGTON	34	25	47	7	29	4	0.50	0.17	0.37	1.32	68	0.00	0	93	73	0	5	2	0
	CEDAR RAPIDS	31	19	44	1	25	4	0.24	-0.02	0.13	0.82	47	0.09	62	96	73	0	5	3	0
	DES MOINES	30	22	40	8	26	3	0.83	0.57	0.68	2.01	116	0.08	54	91	73	0	5	3	1
	DUBUQUE	30	20	40	6	25	5	0.01	-0.30	0.01	1.28	65	0.00	0	89	69	0	7	1	0
	SIOUX CITY	33	20	51	9	26	6	0.54	0.35	0.38	0.84	77	0.16	160	91	65	0	7	2	0
	WATERLOO	31	19	40	4	25	4	0.03	-0.23	0.03	1.58	99	0.03	21	87	62	0	7	1	0
ID	BOISE	42	30	49	23	36	5	0.94	0.59	0.31	3.33	192	0.75	389	92	61	0	4	5	0
	LEWISTON	42	35	47	31	38	4	1.14	0.89	0.59	2.84	222	0.85	586	96	75	0	2	6	1
	POCATELLO	40	26	49	18	33	8	0.53	0.28	0.29	2.46	193	0.24	166	93	62	0	6	4	0
IL	CHICAGO/O_HARE	35	26	46	12	30	4	1.12	0.65	0.59	2.21	92	0.02	7	83	61	0	5	3	2
	MOLINE	34	24	47	9	29	4	0.61	0.21	0.28	2.23	98	0.11	48	88	67	0	5	4	0
	PEORIA	37	25	48	8	31	4	1.00	0.48	0.78	2.63	104	0.05	15	88	66	0	5	4	1
	ROCKFORD	33	23	44	9	28	5	0.25	-0.13	0.25	1.63	75	0.00	0	80	57	0	6	1	0
	SPRINGFIELD	40	28	51	14	34	5	0.00	-0.52	0.00	0.09	3	0.00	0	94	67	0	5	0	0
IN	EVANSVILLE	47	32	60	22	39	5	0.96	0.10	0.72	7.19	168	0.00	0	86	59	0	4	2	1
	FORT WAYNE	37	26	49	11	31	4	1.99	1.37	0.88	4.38	154	0.25	67	87	68	0	4	4	2
	INDIANAPOLIS	42	28	58	13	35	6	2.21	1.43	1.25	5.56	164	0.02	5	91	64	0	4	3	2
	SOUTH BEND	36	28	46	14	32	6	1.84	1.21	1.48	3.08	110	0.10	27	86	64	0	4	5	1
KS	CONCORDIA	42	27	59	16	34	5	0.19	0.02	0.13	1.63	144	0.13	150	91	58	0	5	2	0
	DODGE CITY	45	25	61	17	35	3	0.30	0.13	0.29	0.30	28	0.30	334	92	49	0	5	2	0
	GOODLAND	43	20	56	13	31	2	0.01	-0.07	0.01	0.06	10	0.01	30	87	46	0	6	1	0
	TOPEKA	43	27	58	17	35	4	0.20	-0.04	0.13	0.59	36	0.13	100	90	53	0	6	2	0

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

Weather Data for the Week Ending January 4, 2025

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	47	27	63	17	37	4	0.07	-0.15	0.07	0.10	7	0.07	60	90	48	0	6	1	0
KY	LEXINGTON	47	33	62	16	40	5	0.28	-0.56	0.20	4.92	105	0.01	2	84	56	0	4	3	0
	LOUISVILLE	48	34	63	19	41	5	0.82	-0.05	0.65	4.27	92	0.00	0	78	50	0	3	2	1
	PADUCAH	49	35	59	28	42	5	0.93	-0.04	0.84	7.77	159	0.00	0	83	52	0	4	3	1
LA	BATON ROUGE	69	45	78	39	57	5	0.00	-1.41	0.00	7.77	126	0.00	0	89	43	0	0	0	0
	LAKE CHARLES	69	49	74	42	59	6	0.00	-1.32	0.00	6.15	114	0.00	0	94	51	0	0	0	0
	NEW ORLEANS	67	52	76	49	60	5	0.03	-1.26	0.03	6.11	109	0.03	3	92	53	0	0	1	0
	SHREVEPORT	62	45	72	36	53	6	***	***	***	***	***	***	***	91	51	0	0	***	***
MA	BOSTON	46	36	58	27	41	9	1.34	0.50	0.77	6.39	134	0.77	163	79	51	0	2	3	2
	WORCESTER	44	32	55	21	38	11	1.85	1.00	1.03	6.46	135	1.03	216	79	54	0	3	3	2
MD	BALTIMORE	51	33	65	21	42	6	0.42	-0.30	0.22	3.08	75	0.03	7	83	44	0	4	3	0
ME	CARIBOU	35	23	51	1	29	14	1.01	0.29	0.52	5.12	127	0.76	187	89	72	0	6	7	1
	PORTLAND	40	29	51	17	35	8	1.78	0.89	0.86	6.26	125	0.86	178	89	60	0	5	3	2
MI	ALPENA	34	26	45	17	30	8	0.83	0.41	0.54	3.00	141	0.07	30	88	68	0	6	4	1
	GRAND RAPIDS	34	25	46	14	29	3	1.45	0.86	0.85	3.43	121	0.44	128	90	72	0	6	6	1
	HOUGHTON LAKE	30	21	40	14	26	4	0.69	0.30	0.42	3.34	167	0.21	91	95	78	0	7	5	0
	LANSING	34	26	47	15	29	4	1.63	1.14	1.20	3.13	143	0.03	10	89	72	0	6	4	1
	MUSKEGON	36	28	47	20	32	4	1.09	0.54	0.57	3.09	112	0.52	160	84	64	0	6	5	1
	TRAVERSE CITY	33	26	42	18	30	4	0.22	-0.17	0.20	2.51	123	0.00	0	86	68	0	6	2	0
MN	DULUTH	22	11	41	-9	17	4	0.00	-0.28	0.00	1.69	104	0.00	0	85	65	0	7	0	0
	INT_L FALLS	17	7	32	-14	12	6	0.00	-0.21	0.00	1.65	149	0.00	0	88	70	0	7	0	0
	MINNEAPOLIS	25	17	37	-1	21	3	0.00	-0.23	0.00	1.50	114	0.00	0	85	64	0	7	0	0
	ROCHESTER	26	16	36	0	21	5	0.00	-0.22	0.00	1.30	92	0.00	0	88	69	0	7	0	0
	ST. CLOUD	24	13	37	-4	19	5	0.00	-0.18	0.00	0.50	51	0.00	0	85	64	0	7	0	0
MO	COLUMBIA	42	29	54	22	36	4	0.22	-0.28	0.12	2.44	102	0.12	41	91	61	0	5	3	0
	KANSAS CITY	40	28	54	19	34	4	0.34	0.06	0.22	0.94	54	0.07	46	92	60	0	5	3	0
	SAINT LOUIS	45	34	54	26	39	6	0.87	0.21	0.33	3.46	119	0.02	6	80	55	0	4	4	0
	SPRINGFIELD	47	30	61	24	38	4	0.02	-0.63	0.02	2.39	79	0.02	6	89	58	0	5	1	0
MS	JACKSON	62	40	70	32	51	4	0.00	-1.19	0.00	3.82	65	0.00	0	95	42	0	1	0	0
	MERIDIAN	62	36	70	28	49	1	0.01	-1.22	0.01	6.60	110	0.00	0	95	43	0	3	1	0
	TUPELO	57	38	66	26	47	3	0.00	-1.13	0.00	6.74	102	0.00	0	90	44	0	4	0	0
MT	BILLINGS	28	19	42	12	23	-3	0.83	0.70	0.32	1.18	184	0.58	816	94	73	0	7	5	0
	BUTTE	31	17	34	4	24	5	0.40	0.30	0.19	0.54	99	0.29	486	94	66	0	7	5	0
	CUT BANK	18	8	37	-4	13	-8	0.23	0.16	0.13	0.23	65	0.00	0	94	81	0	7	3	0
	GLASGOW	20	8	37	-3	14	-1	0.09	-0.02	0.05	0.46	95	0.09	137	79	68	0	7	2	0
	GREAT FALLS	20	11	41	3	16	-9	1.24	1.12	0.42	1.24	207	0.62	872	99	81	0	7	7	0
	HAVRE	19	9	36	-1	14	-3	0.30	0.19	0.09	0.52	111	0.18	281	91	76	0	7	4	0
	MISSOULA	34	28	39	21	31	7	0.72	0.48	0.43	1.12	92	0.61	455	98	79	0	7	5	0
NC	ASHEVILLE	50	30	62	22	40	1	0.89	-0.09	0.89	5.15	108	0.00	0	83	40	0	4	1	1
	CHARLOTTE	56	37	66	26	46	4	0.32	-0.53	0.32	3.40	83	0.00	0	77	39	0	3	1	0
	GREENSBORO	53	35	62	23	44	3	0.23	-0.51	0.23	2.50	69	0.00	0	78	44	0	3	1	0
	HATTERAS	57	44	68	32	50	1	0.67	-0.37	0.48	3.64	68	0.00	0	83	58	0	1	2	0
	RALEIGH	58	38	71	25	48	6	0.23	-0.56	0.15	2.87	74	0.00	0	76	39	0	3	2	0
	WILMINGTON	61	38	73	27	50	2	0.43	-0.42	0.43	2.04	49	0.00	0	88	40	0	3	1	0
ND	BISMARCK	21	7	46	-13	14	0	0.07	-0.06	0.07	0.73	107	0.07	100	85	65	0	7	1	0
	DICKINSON	21	8	44	-8	14	-2	0.00	-0.06	0.00	0.08	37	0.00	0	89	67	0	7	0	0
	FARGO	18	8	39	-9	13	2	0.00	-0.20	0.00	1.09	108	0.00	0	88	69	0	7	0	0
	GRAND FORKS	17	6	37	-11	11	3	0.00	-0.14	0.00	1.33	182	0.00	0	79	65	0	7	0	0
	JAMESTOWN	18	5	43	-13	11	0	0.00	-0.08	0.00	0.38	98	0.00	0	87	68	0	7	0	0
NE	GRAND ISLAND	36	22	56	11	29	3	0.31	0.17	0.21	0.31	34	0.09	115	90	61	0	7	3	0
	LINCOLN	38	25	57	14	31	6	0.44	0.25	0.36	1.63	127	0.07	69	86	56	0	6	3	0
	NORFOLK	35	24	54	12	29	7	0.79	0.64	0.69	0.93	100	0.10	119	85	58	0	6	3	1
	NORTH PLATTE	38	17	55	8	27	1	0.03	-0.07	0.03	0.04	8	0.03	61	89	53	0	7	1	0
	OMAHA	33	23	41	14	28	3	0.89	0.69	0.71	1.09	82	0.17	155	91	72	0	7	3	1
	SCOTTSBLUFF	39	16	52	6	27	0	0.15	0.04	0.15	0.15	26	0.15	271	84	51	0	7	1	0
	VALENTINE	31	14	54	6	23	-2	0.20	0.13	0.10	0.26	56	0.10	260	92	66	0	7	3	0
NH	CONCORD	42	28	59	20	35	11	1.16	0.44	0.62	4.03	98	0.54	138	86	56	0	7	2	2
NJ	ATLANTIC_CITY	50	35	63	25	42	7	0.67	-0.15	0.31	3.49	70	0.00	0	82	43	0	3	3	0
	NEWARK	50	37	65	28	44	9	1.10	0.26	0.72	4.49	97	0.00	0	77	41	0	2	3	1
NM	ALBUQUERQUE	58	30	63	25	44	8	0.00	-0.10	0.00	0.00	0	0.00	0	54	19	0	5	0	0
NV	ELY	45	23	53	14	34	8	0.03	-0.14	0.03	0.38	49	0.03	32	82	36	0	6	1	0
	LAS VEGAS	61	43	64	39	52	4	0.00	-0.14	0.00	0.00	0	0.00	0	47	20	0	0	0	0
	RENO	49	32	59	27	41	5	0.22	-0.07	0.16	0.89	70	0.06	34	85	39	0	5	2	0
	WINNEMUCCA	48	30	58	16	39	8	0.27	0.04	0.14	1.11	96	0.10	73	83	43	0	4	3	0
NY	ALBANY	44	31	58	21	38	12	0.42	-0.23	0.16	3.99	110	0.12	34	86	54	0	4	4	0
	BINGHAMTON	39	28	56	19	34	9	1.02	0.37	0.33	4.70	136	0.64	177	93	65	0	5	5	0
	BUFFALO	42	32	61	22	37	9	1.24	0.38	0.75	4.39	103	0.17	35	84	57	0	3	4	1
	ROCHESTER	44	31	63	22	37	9	0.30	-0.30	0.13	3.60	119	0.13	38	86	57	0	3	3	0
	SYRACUSE	45	32	64	22	39	12	1.50	0.80	0.58	5.13	139	1.21	313	87	59	0	3	7	1
OH	AKRON-CANTON	37	27	57	13	32	3	2.35	1.64	1.12	5.21	157	0.49	117	91	67	0	4	6	2
	CINCINNATI	44	30	60	15	37	5	1.30	0.44	0.93	5.50	130	0.04	8	92	61	0	4	4	1
	CLEVELAND	40	29	61	16	34	4	1.83	1.09	0.74	4.29	125	0.42	94	89	62	0	4	5	1
	COLUMBUS	41	29	61	13	35	4	1.91	1.15	1.03	4.29	119	0.35	77	93	67	0	4	4	2
	DAYTON	42	29	60	15	36	5	2.49	1.71	1.42	5.50	156	0.31	68	94	67	0	4	4	2
	MANSFIELD	37	26	58	10	32	4	3.12	2.34	1.63	5.08	145	0.29	63	90	70	0	5	5	2

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

Weather Data for the Week Ending January 4, 2025

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	37	27	53	14	32	3	2.07	1.47	1.24	3.81	136	0.15	43	95	67	0	6	5	2
	YOUNGSTOWN	38	27	58	16	33	4	1.82	1.05	0.77	5.09	140	0.45	101	88	67	0	6	6	1
OK	OKLAHOMA CITY	55	34	69	26	45	7	0.00	-0.33	0.00	0.66	33	0.00	0	90	47	0	4	0	0
	TULSA	54	33	68	26	44	5	0.00	-0.45	0.00	1.42	52	0.00	0	86	46	0	3	0	0
OR	ASTORIA	51	43	55	35	47	4	3.65	1.17	1.17	7.18	76	2.48	171	92	76	0	0	7	3
	BURNS	38	22	44	10	30	5	1.20	0.89	0.30	4.98	294	0.90	518	88	70	0	6	5	0
	EUGENE	49	41	53	33	45	5	3.62	2.13	1.01	10.52	130	2.46	290	96	78	0	0	7	4
	MEDFORD	46	37	52	31	42	3	1.72	1.03	0.92	6.52	166	0.76	196	94	74	0	2	5	1
	PENDLETON	43	34	50	30	38	5	1.18	0.83	0.56	4.43	259	0.93	451	95	72	0	2	5	1
	PORTLAND	47	41	51	37	44	3	2.16	0.96	0.64	8.79	136	1.65	240	89	72	0	0	7	1
	SALEM	50	42	54	30	46	5	2.54	1.09	0.70	9.76	125	1.81	219	90	71	0	1	7	3
PA	ALLENTOWN	46	30	62	23	38	7	0.87	0.11	0.64	3.68	85	0.00	0	81	47	0	5	2	1
	ERIE	40	31	61	21	36	5	2.94	2.03	0.65	6.18	132	1.89	369	92	61	0	4	7	4
	MIDDLETOWN	47	31	62	24	39	7	0.45	-0.21	0.27	3.97	104	0.00	0	84	50	0	5	2	0
	PHILADELPHIA	49	36	66	27	42	7	0.78	0.04	0.51	3.74	85	0.00	0	82	41	0	2	2	1
	PITTSBURGH	41	30	65	18	36	5	0.98	0.31	0.31	3.64	112	0.27	67	83	60	0	4	5	0
	WILKES-BARRE	44	31	60	23	37	8	1.04	0.45	0.68	3.80	121	0.15	42	88	53	0	5	4	1
	WILLIAMSPORT	46	30	63	24	38	9	0.64	-0.03	0.33	3.38	92	0.04	10	87	51	0	5	4	0
RI	PROVIDENCE	47	34	57	25	40	9	1.39	0.48	0.68	8.77	169	0.64	121	86	54	0	3	4	2
SC	CHARLESTON	63	40	72	28	51	1	0.69	-0.06	0.69	2.67	70	0.00	0	92	42	0	2	1	1
	COLUMBIA	60	35	72	25	47	2	0.34	-0.54	0.34	2.18	52	0.00	0	93	46	0	3	1	0
	FLORENCE	61	37	71	23	49	2	0.94	0.14	0.94	2.85	72	0.00	0	91	42	0	3	1	1
	GREENVILLE	57	34	67	23	46	3	0.74	-0.30	0.74	5.22	101	0.00	0	82	35	0	3	1	1
SD	ABERDEEN	27	10	51	-5	19	5	0.06	-0.09	0.06	0.54	76	0.00	0	85	57	0	7	1	0
	HURON	28	15	51	1	22	5	0.41	0.27	0.41	0.85	114	0.00	0	87	63	0	7	1	0
	RAPID CITY	30	14	52	4	22	-2	2.27	2.19	1.17	2.59	652	1.28	900	86	62	0	7	3	2
	SIOUX FALLS	31	16	55	3	24	5	0.56	0.41	0.56	1.20	131	0.00	0	87	58	0	7	1	1
TN	BRISTOL	49	31	65	20	40	3	1.09	0.30	0.82	3.63	85	0.05	11	88	50	0	4	4	1
	CHATTANOOGA	55	37	66	29	46	4	0.75	-0.38	0.75	3.27	55	0.00	0	80	41	0	4	1	1
	KNOXVILLE	51	33	64	21	42	2	0.83	-0.21	0.83	5.84	104	0.00	0	85	46	0	4	1	1
	MEMPHIS	54	38	65	29	46	4	0.45	-0.61	0.45	10.19	167	0.00	0	86	47	0	3	1	0
	NASHVILLE	53	36	64	25	44	4	0.31	-0.57	0.31	4.83	97	0.00	0	76	46	0	4	1	0
TX	ABILENE	65	39	79	32	52	7	0.00	-0.26	0.00	0.41	28	0.00	0	80	41	0	1	0	0
	AMARILLO	57	28	69	17	42	5	0.00	-0.17	0.00	0.00	0	0.00	0	77	35	0	5	0	0
	AUSTIN	71	49	89	39	60	8	0.00	-0.67	0.00	1.39	44	0.00	0	80	42	0	0	0	0
	BEAUMONT	70	52	78	45	61	8	0.01	-1.15	0.01	5.09	90	0.01	1	93	50	0	0	1	0
	BROWNSVILLE	82	61	87	51	72	9	0.26	-0.01	0.14	5.19	385	0.26	180	93	53	0	0	2	0
	CORPUS CHRISTI	78	53	91	42	65	8	0.05	-0.35	0.05	1.65	77	0.05	22	95	47	1	0	1	0
	DEL RIO	76	46	91	41	61	9	0.00	-0.13	0.00	0.24	30	0.00	0	67	31	1	0	0	0
	EL PASO	71	40	76	35	56	11	0.00	-0.12	0.00	0.00	0	0.00	0	30	10	0	0	0	0
	FORT WORTH	65	43	82	35	54	8	0.00	-0.64	0.00	4.74	147	0.00	0	88	43	0	0	0	0
	GALVESTON	68	57	74	50	62	6	0.00	-0.90	0.00	2.70	56	0.00	0	98	70	0	0	0	0
	HOUSTON	70	52	82	46	61	7	0.03	-0.79	0.03	5.30	117	0.03	6	90	49	0	0	1	0
	LUBBOCK	64	33	74	28	48	8	0.00	-0.16	0.00	0.00	0	0.00	0	78	31	0	4	0	0
	MIDLAND	67	37	77	27	52	7	0.00	-0.13	0.00	0.00	0	0.00	0	71	25	0	3	0	0
	SAN ANGELO	69	36	82	27	53	6	0.00	-0.20	0.00	0.24	23	0.00	0	77	32	0	4	0	0
	SAN ANTONIO	72	50	89	45	61	9	0.00	-0.44	0.00	1.36	60	0.00	0	79	42	0	0	0	0
	VICTORIA	75	51	87	45	63	9	0.03	-0.56	0.03	2.25	83	0.03	9	93	47	0	0	1	0
	WACO	68	42	87	30	55	8	0.00	-0.68	0.00	2.45	75	0.00	0	90	44	0	1	0	0
	WICHITA FALLS	62	36	76	28	49	7	0.00	-0.30	0.00	0.35	20	0.00	0	89	45	0	2	0	0
UT	SALT LAKE CITY	48	32	58	23	40	9	0.64	0.32	0.37	1.83	115	0.45	244	81	43	0	3	4	0
VA	LYNCHBURG	50	32	61	20	41	5	0.51	-0.22	0.37	4.41	112	0.00	0	78	47	0	3	3	0
	NORFOLK	57	40	73	30	48	5	0.37	-0.35	0.30	3.85	103	0.00	0	74	37	0	2	2	0
	RICHMOND	55	34	70	19	44	5	0.18	-0.54	0.17	2.46	62	0.00	0	80	40	0	3	2	0
	ROANOKE	48	33	60	24	40	2	0.55	-0.11	0.31	3.51	101	0.00	0	75	46	0	3	3	0
	WASH/DULLES	50	33	67	22	42	7	0.75	0.10	0.56	4.04	110	0.10	26	83	46	0	3	3	1
VT	BURLINGTON	44	30	61	15	37	14	0.51	-0.02	0.16	3.95	141	0.22	71	82	49	0	3	4	0
WA	OLYMPIA	46	36	48	33	41	2	1.51	-0.30	0.51	11.05	124	1.13	107	100	86	0	0	5	2
	QUILLAYUTE	47	40	49	35	44	3	3.04	-0.30	1.02	19.74	124	1.33	66	97	86	0	0	7	4
	SEATTLE-TACOMA	46	38	47	35	42	0	0.98	-0.33	0.52	6.93	106	0.85	110	93	72	0	0	6	1
	SPOKANE	35	30	41	28	33	5	1.74	1.23	0.55	4.89	187	0.78	277	100	81	0	6	7	2
	YAKIMA	39	31	46	23	35	5	1.38	1.08	0.63	3.54	220	0.85	511	96	76	0	4	5	2
WI	EAU CLAIRE	25	17	34	0	21	5	0.00	-0.25	0.00	1.10	73	0.00	0	83	63	0	7	0	0
	GREEN BAY	31	23	46	8	27	7	0.06	-0.29	0.06	1.29	66	0.06	29	80	61	0	6	1	0
	LA CROSSE	29	20	38	5	24	4	0.00	-0.28	0.00	1.56	94	0.00	0	78	60	0	7	0	0
	MADISON	31	20	43	7	26	5	0.11	-0.21	0.11	1.41	77	0.00	0	82	57	0	7	1	0
	MILWAUKEE	36	25	54	9	31	5	0.14	-0.28	0.11	1.09	51	0.11	43	75	51	0	5	2	0
WV	BECKLEY	42	28	59	17	35	2	0.72	0.04	0.43	4.08	110	0.21	54	83	57	0	4	5	0
	CHARLESTON	47	31	68	19	39	3	0.87	0.15	0.31	4.82	121	0.28	66	86	47	0	4	4	0
	ELKINS	43	25	67	4	34	2	0.27	-0.46	0.15	4.50	112	0.27	64	90	61	0	6	4	0
	HUNTINGTON	47	35	65	21	41	5	1.08	0.37	0.73	4.50	113	0.04	10	74	47	0	3	3	1
WY	CASPER	33	13	51	7	23	-1	0.27	0.15	0.14	0.34	50	0.10	147	95	68	0	7	3	0
	CHEYENNE	39	17	55	8	28	-1	0.19	0.10	0.08	0.19	36	0.16	307	88	45	0	7	3	0
	LANDER	37	13	55	4	25	5	0.12	0.00	0.12	0.12	17	0.12	176	84	42	0	7	1	0
	SHERIDAN	33	15	50	9	24	1	0.59	0.47	0.41	0.79	129	0.41	577	86	63	0	7	2	0

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

International Weather and Crop Summary

December 29, 2024 – January 4, 2025

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

HIGHLIGHTS

EUROPE: Unsettled weather persisted over much of Europe, though dryness reduced soil moisture for winter grains from Spain into northern Italy and exacerbated drought in Hungary.

MIDDLE EAST: Rain and mountain snow continued across Turkey and the eastern Mediterranean Coast, while Iraq and much of Iran remained dry.

NORTHWESTERN AFRICA: Despite the arrival of cooler temperatures, drought maintained a firm grip across Morocco and western Algeria.

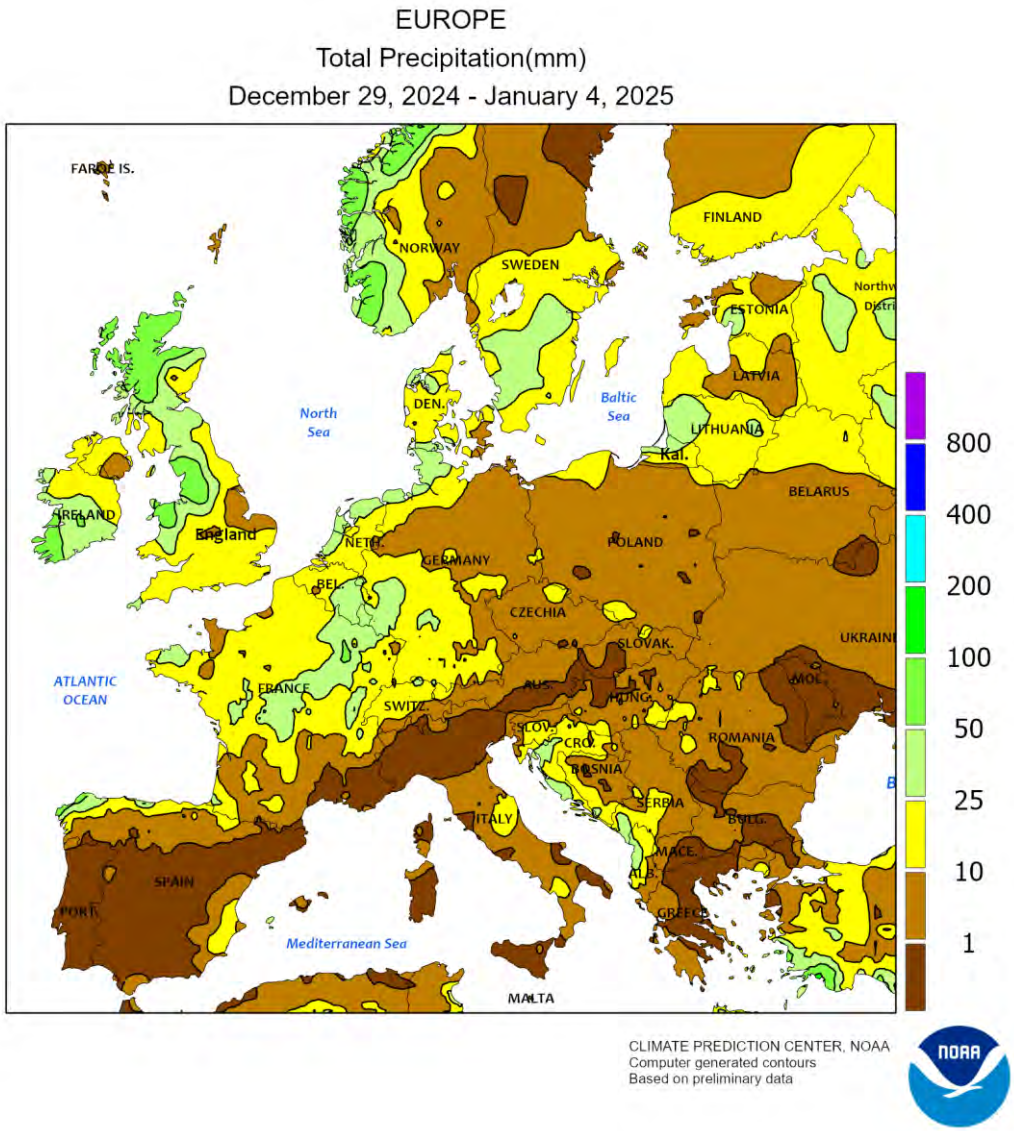
SOUTHEAST ASIA: Seasonably wet weather maintained adequate to locally excessive moisture conditions for rice and other crops.

AUSTRALIA: Widespread showers helped sustain good to excellent summer crop prospects.

SOUTH AFRICA: Scattered showers continued for parts of the corn belt, aiding in crop growth and soil recharge.

ARGENTINA: Hot, mostly dry weather increased evaporative losses in key eastern summer crop producing areas.

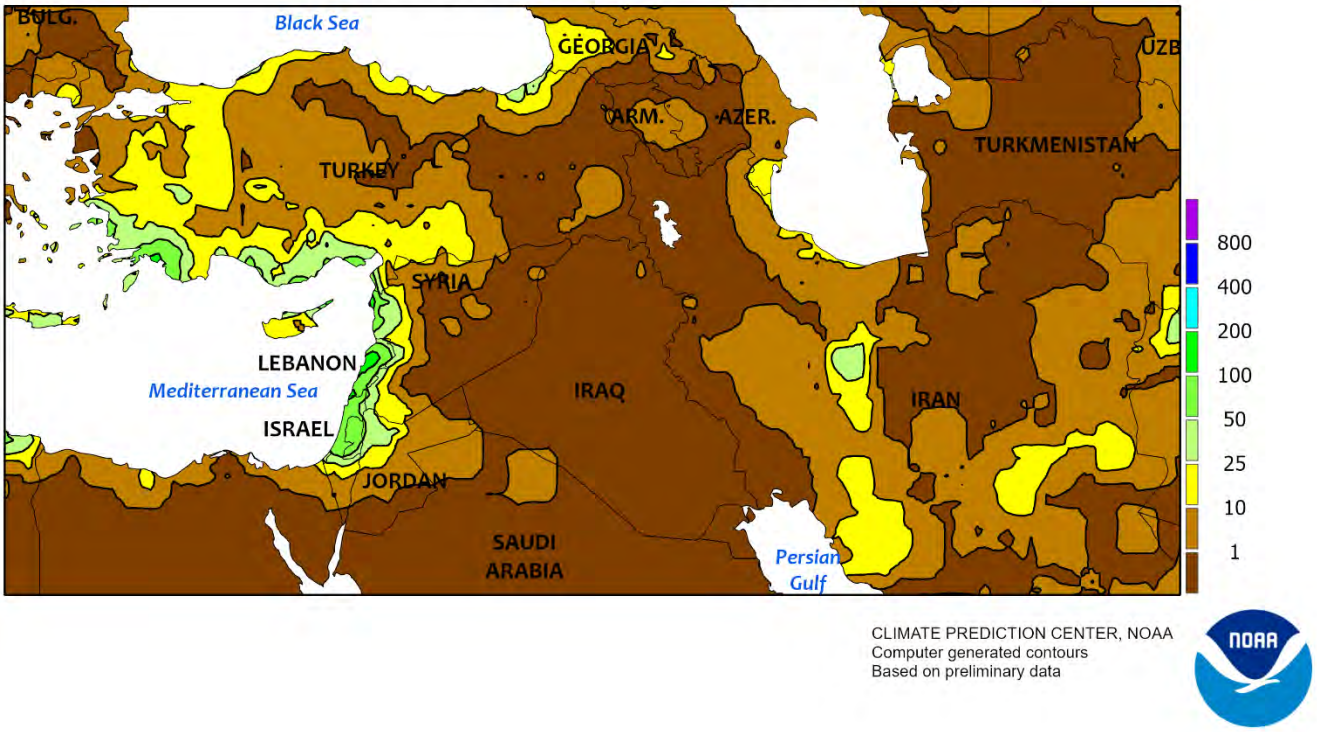
BRAZIL: Showers were lighter in key soybean areas, but overall moisture conditions remained favorable except in southernmost locales.



EUROPE

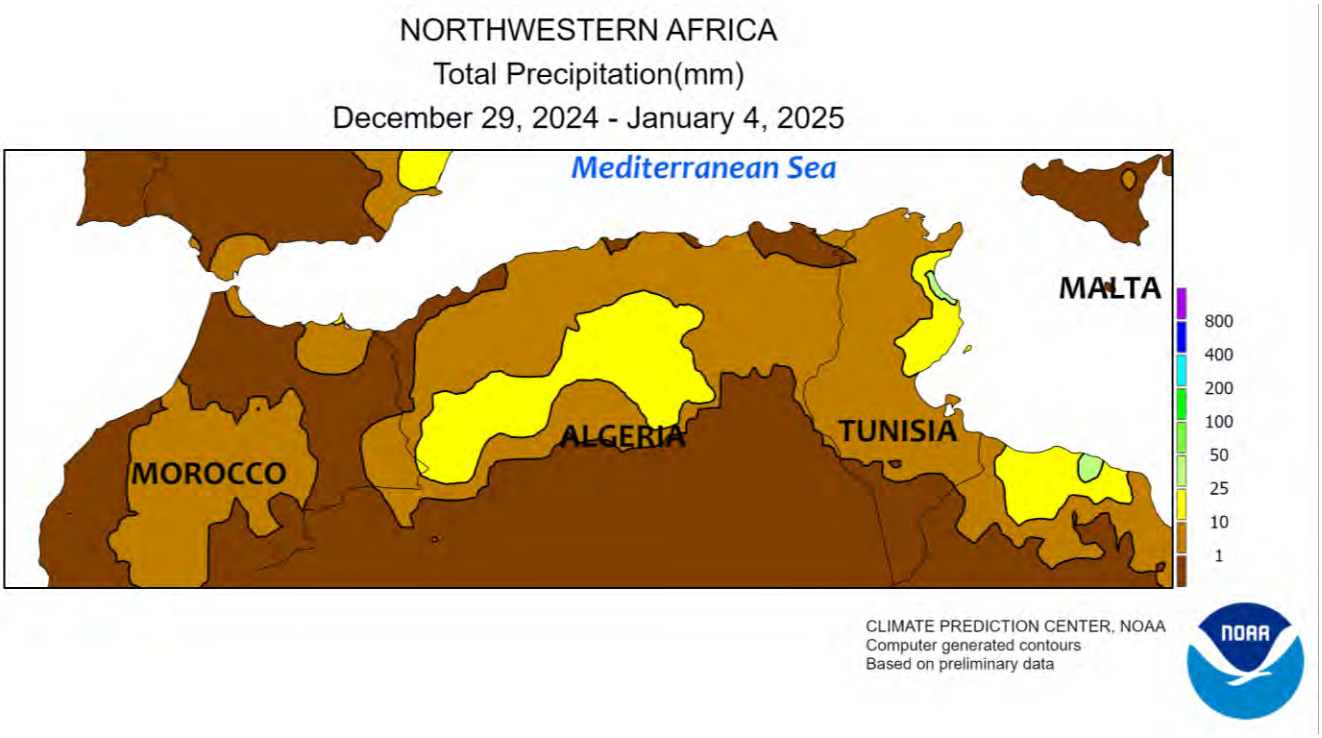
Dry weather during the first half of the monitoring period gave way to rain and snow arriving from the north by week's end, though dry conditions persisted from Spain into northern Italy and Hungary. Following a favorable early week stretch of sunny skies which facilitated fieldwork and farm maintenance activities, rain and snow accompanied a cold front dropping southward out of Scandinavia and the United Kingdom. Precipitation totaled 10 to 75 mm (liquid equivalent) in England, Scandinavia, and the Baltic States, with lesser amounts (5-35 mm) noted across France, Germany, and Poland. Snow was reported — especially in the higher elevations — from southern Germany into Poland and Lithuania as well as the western Balkans, though the snow cover by week's end was mostly less than 5 cm over central and eastern Europe's primary growing areas. However, dry weather increased soil moisture deficits in Spain and northern Italy and exacerbated drought in Hungary; since October 1, precipitation in southwestern Hungary (Transdanubia) dipped to 32 percent of normal, the driest of the past 30 years. Near- to below-normal temperatures over western Europe (locally up to 6°C below normal in Spain) contrasted with anomalous warmth (2-6°C above normal) across easternmost portions of the continent.

MIDDLE EAST
Total Precipitation(mm)
December 29, 2024 - January 4, 2025



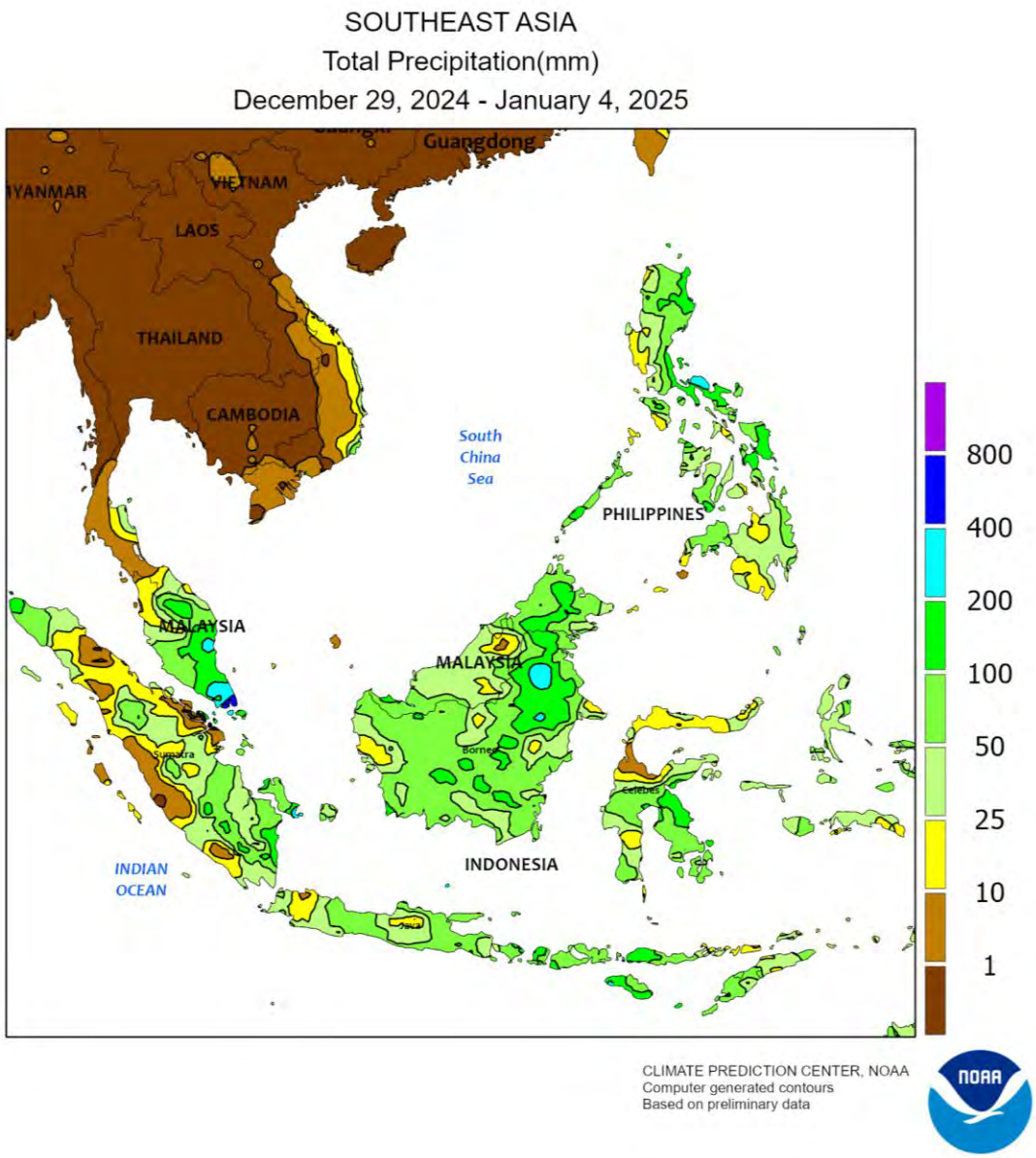
MIDDLE EAST

Unsettled weather in the west contrasted with mostly dry conditions in central and eastern portions of the region. A pair of Mediterranean disturbances bookended the week, producing 10 to 50 mm of rain across much of western, central, and southern Turkey, and locally more than 300 mm on Turkey's Aegean Sea Coast. The recent stretch of wet weather has eased dryness and drought concerns over much of Turkey, though 90-day precipitation deficits lingered in the GAP Region in the southeast. Precipitation (mostly in the form of rain) lingered across the eastern Mediterranean Coast, with weekly totals topping 100 mm in parts of Israel. Conversely, mostly dry weather prevailed across primary winter crop areas of Iraq and western Iran, though some rain and mountain snow fell across central and southern Iran. Temperatures averaged up to 3°C above normal in Turkey but near normal elsewhere.



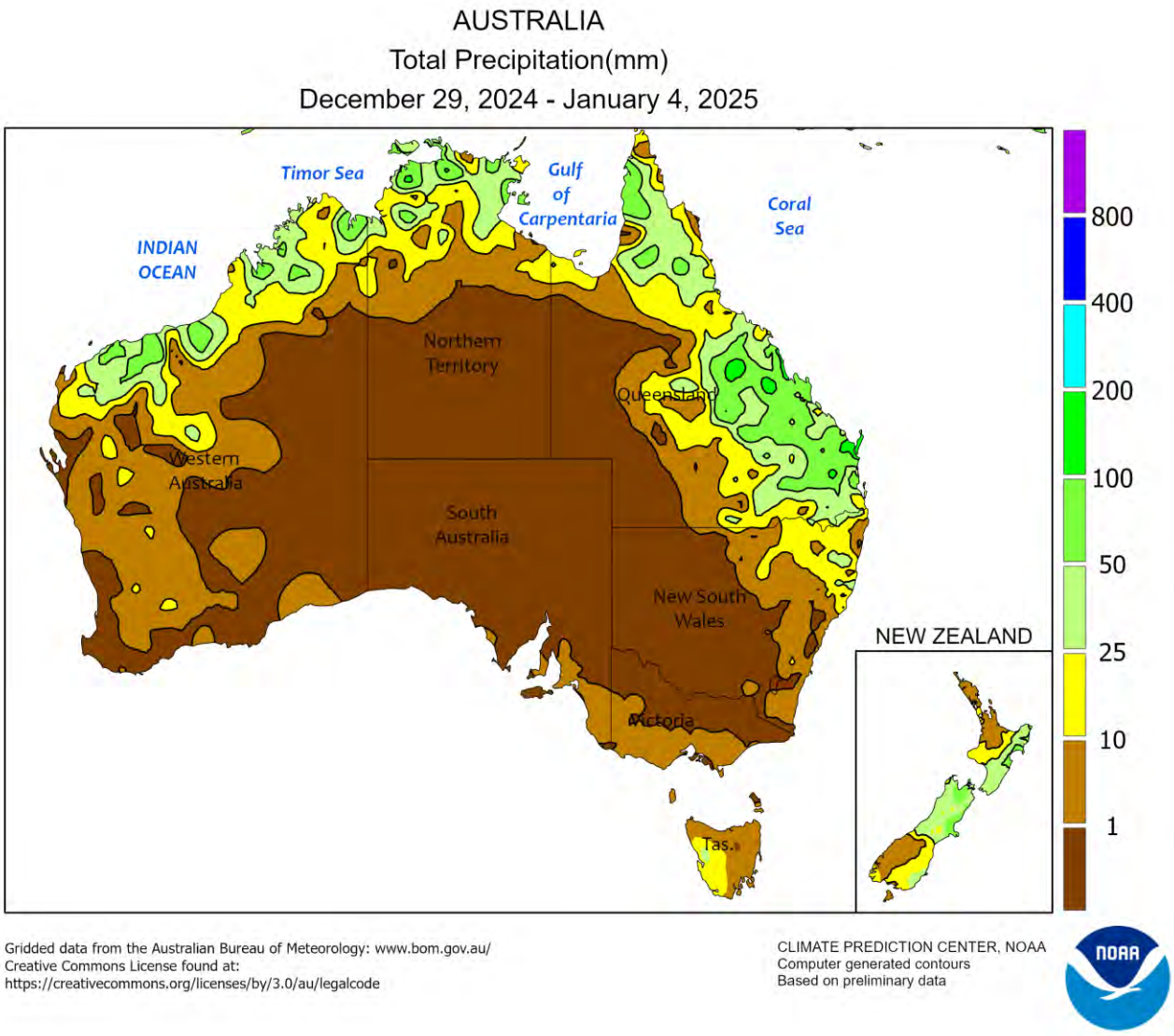
NORTHWESTERN AFRICA

Despite cooler temperatures, dry weather maintained extreme drought across the western third of the region. Little to no rain was reported in Morocco except for isolated light showers (1-7 mm), with season-to-date rainfall (since September 1) in the country's primary growing areas along the central Atlantic Coast dipping to 38 percent of normal. This has made the first four months of the 2024-25 growing campaign the driest of the past 30 years. The drought extended into western Algeria, where little to no rain was reported during the week. However, cooler air replaced the preceding week's abnormal warmth in Morocco, with temperatures during the monitoring period averaging near to as much as 3°C below normal. The satellite-derived Vegetation Health Index (VHI) over Morocco and western Algeria corroborated the drought's deleterious impacts on winter grain establishment; the VHI remained the lowest on record for this time of year, dating back to 1982. Dry weather also overspread primary croplands along the coast from central Algeria into northern Tunisia, favoring seasonal fieldwork but raising concerns over a return to drought. Conversely, widespread showers (10-25 mm) over inland growing areas maintained favorable prospects for vegetative winter grains in these smaller production areas.



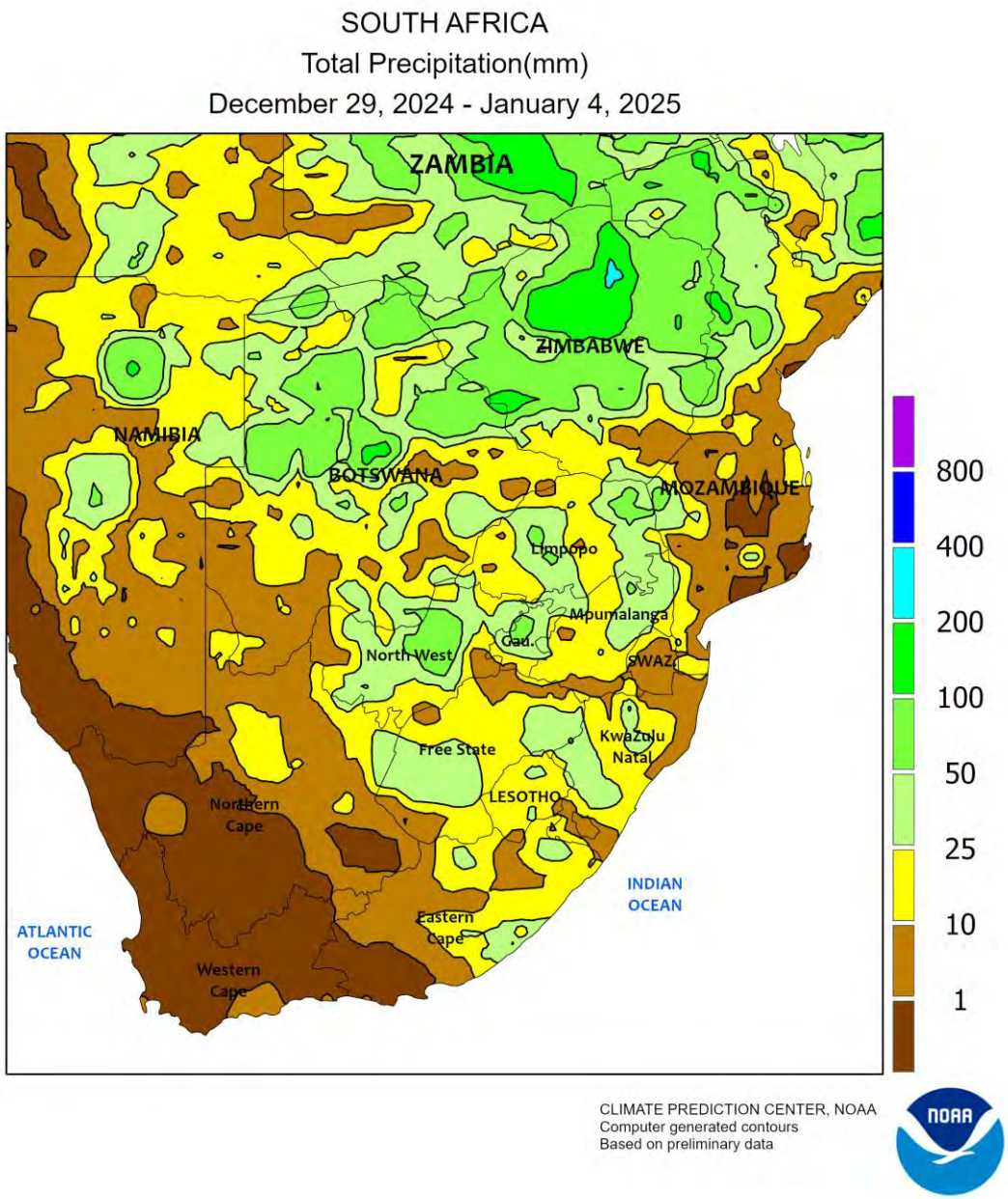
SOUTHEAST ASIA

Showery weather continued to encompass the seasonally wetter eastern and southern sections of the region. Additionally, rainfall totals were more seasonable (25-100 mm, locally more) throughout these traditionally wetter areas after weeks of deluges in the eastern Philippines and parts of Malaysia. In all, moisture conditions for rice ranged from adequate to excessive in the Philippines, Malaysia, and Indonesia (Indochina is currently in their dry season). In fact, rainfall in Java, Indonesia, has been far superior (122 percent of normal) to last year's dismal front half of the rainy season (56 percent of normal). Meanwhile, oil palm in Indonesia and Malaysia continued to benefit from more seasonable showers as well, with few delays in harvesting.



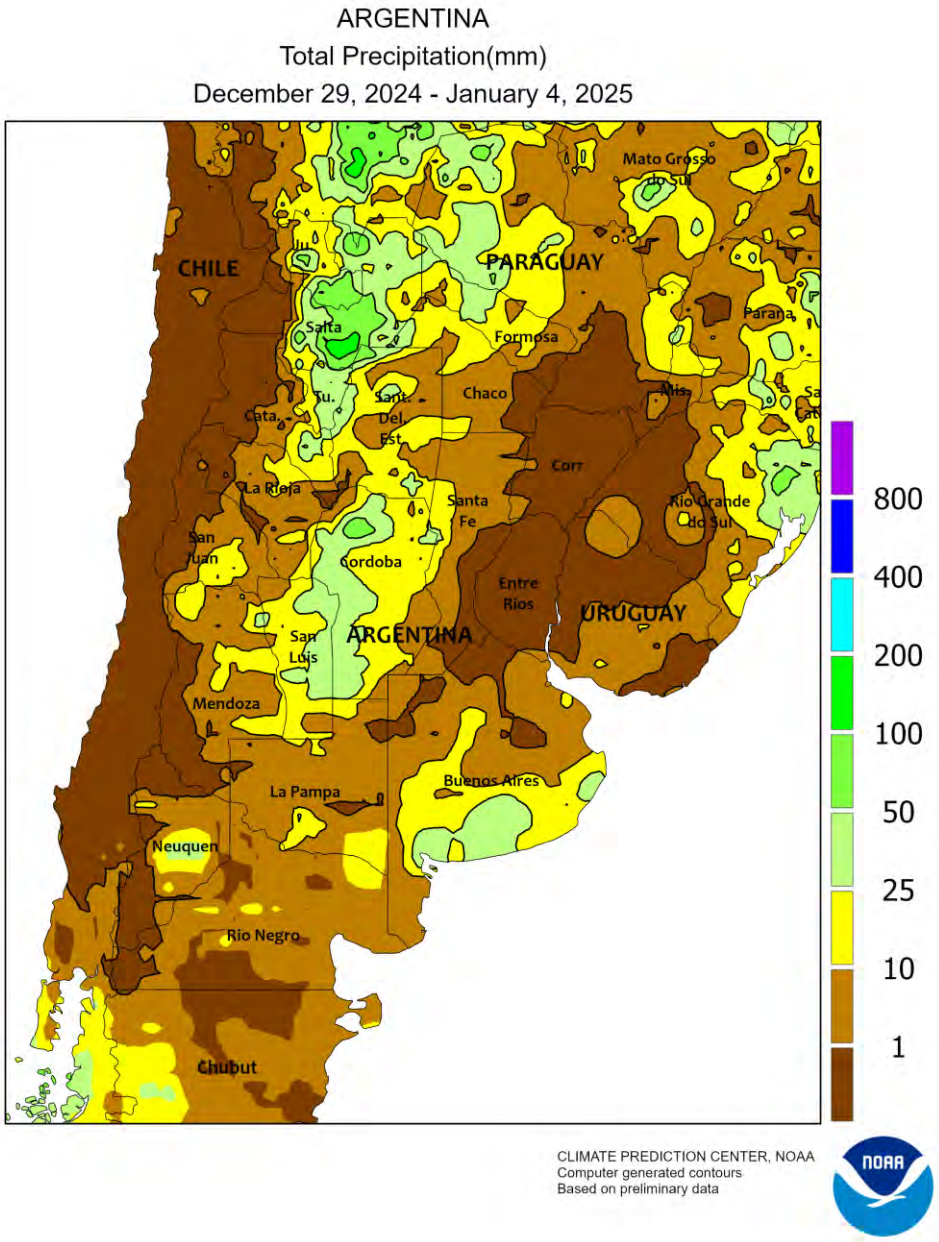
AUSTRALIA

Widespread, locally heavy showers in southern Queensland kept cotton, sorghum, and other summer crops well watered, helping to sustain good to excellent crop prospects. Similarly, widespread, albeit somewhat lighter showers in northern New South Wales maintained near-normal soil moisture for summer crops, further aiding development. Rainfall amounts mostly ranged from 5 to 25 mm in northern New South Wales and between 25 and 75 mm, with locally greater amounts, farther north. Temperatures averaged near to slightly below normal (up to 2°C below normal) in eastern Australia, with maximum temperatures in the lower to middle 30s degrees C.



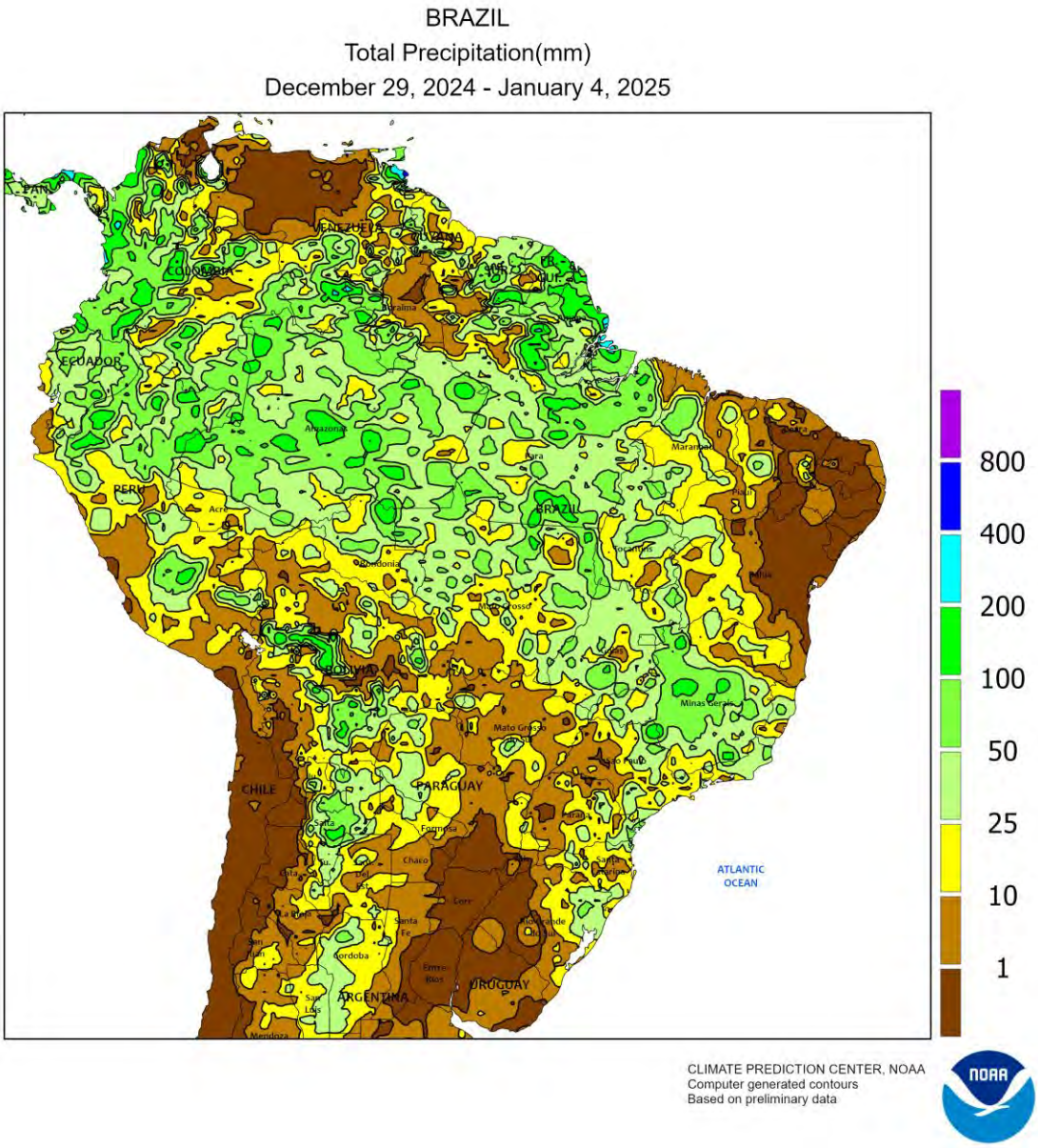
SOUTH AFRICA

Scattered showers fell in parts of the corn belt, with totals averaging 10 to 50 mm. North West received some much-needed rainfall with 25 to 50 mm, as did parts of Mpumalanga, Gauteng, and northern KwaZulu-Natal, benefitting germination of corn crops in those areas. However, more is needed to improve soil conditions for rain-fed crops, especially in Mpumalanga and the western corn belt. Rainfall totals in Free State continued to be low but were higher than last week, averaging 10 to 25 mm for most of the area. Warm weather continued across the region. In most of the corn belt temperatures averaged near or just above normal by 1 to 3°C. Southern parts of the region experienced some hotter weather, with temperatures averaging 3 to 5°C above normal. Daytime highs through most of the corn belt were in the upper 20s to middle 30s degrees C, with upper 30s to lower 40s degrees C for the rest of the country.



ARGENTINA

Scattered showers (10-25 mm, locally more) in southern, west-central, and northwestern growing areas maintained local yield prospects for summer crops, which are generally in good condition overall. In contrast, hot, mostly dry weather stretched from Chaco and Corrientes southward through Santa Fe, Entre Rios, and northern Buenos Aires, increasing evaporative losses from vegetative to filling summer crops. More rain would be welcome in eastern growing areas to help sustain current yield prospects. Temperatures averaged near (east) to slightly above normal (up to 2°C above normal in the west) in key summer crop producing areas, with maximum temperatures ranging from the lower and middle 30s degrees C in the south to the upper 30s and lower 40s degrees C in traditionally warmer areas of the north. According to the government of Argentina, 95 percent of the cotton, 93 percent of the soybeans, and 86 percent of the corn were planted as of January 2. The winter crop harvest was approaching completion, with 97 percent of the barley and 96 percent of the wheat harvested nationwide. Harvesting had concluded in all provinces except Buenos Aires.

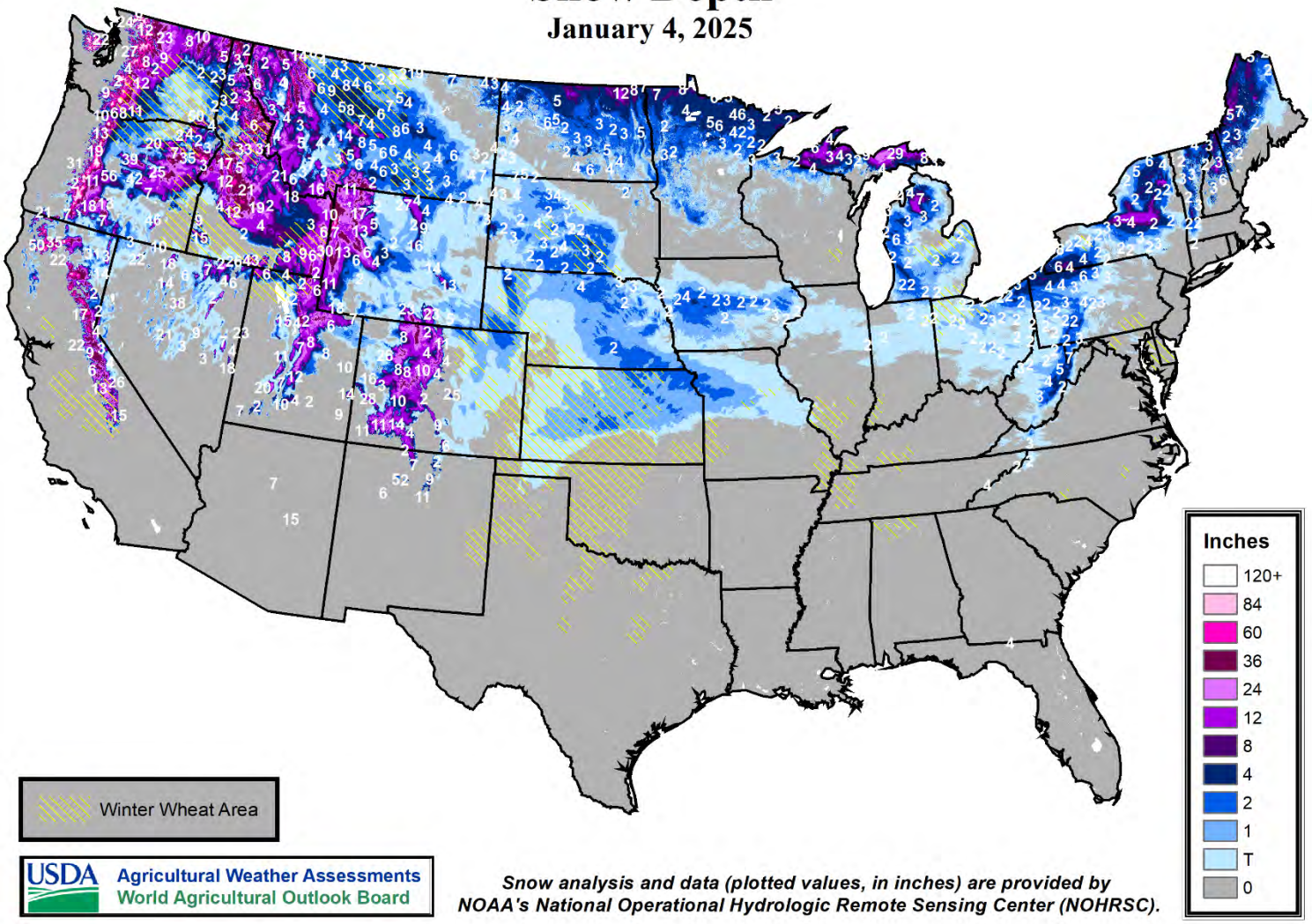


BRAZIL

Rainfall eased somewhat in the Center-West region, with totals generally less than 25 mm across Mato Grosso and Mato Grosso do Sul. Nevertheless, soil moisture remained favorable for first-crop corn and soybeans, as seasonal rainfall totals continued to be near to above normal in Mato Grosso, far superior to last year's abysmal amounts (46 percent of normal). In contrast, portions of Rio Grande do Sul continued to be unseasonably dry, and while statewide seasonal rainfall totals (425 mm) averaged near normal, amounts were much lower than last year (971 mm). The remainder of the summer growing areas received favorable showers (25-100 mm), supporting good crop development. Across the country, nearly half of first-crop corn was vegetative, with some ongoing harvesting of the earliest planted crop, while the majority of soybeans were progressing through reproduction. Temperatures averaged near normal.

Snow Depth

January 4, 2025



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.

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