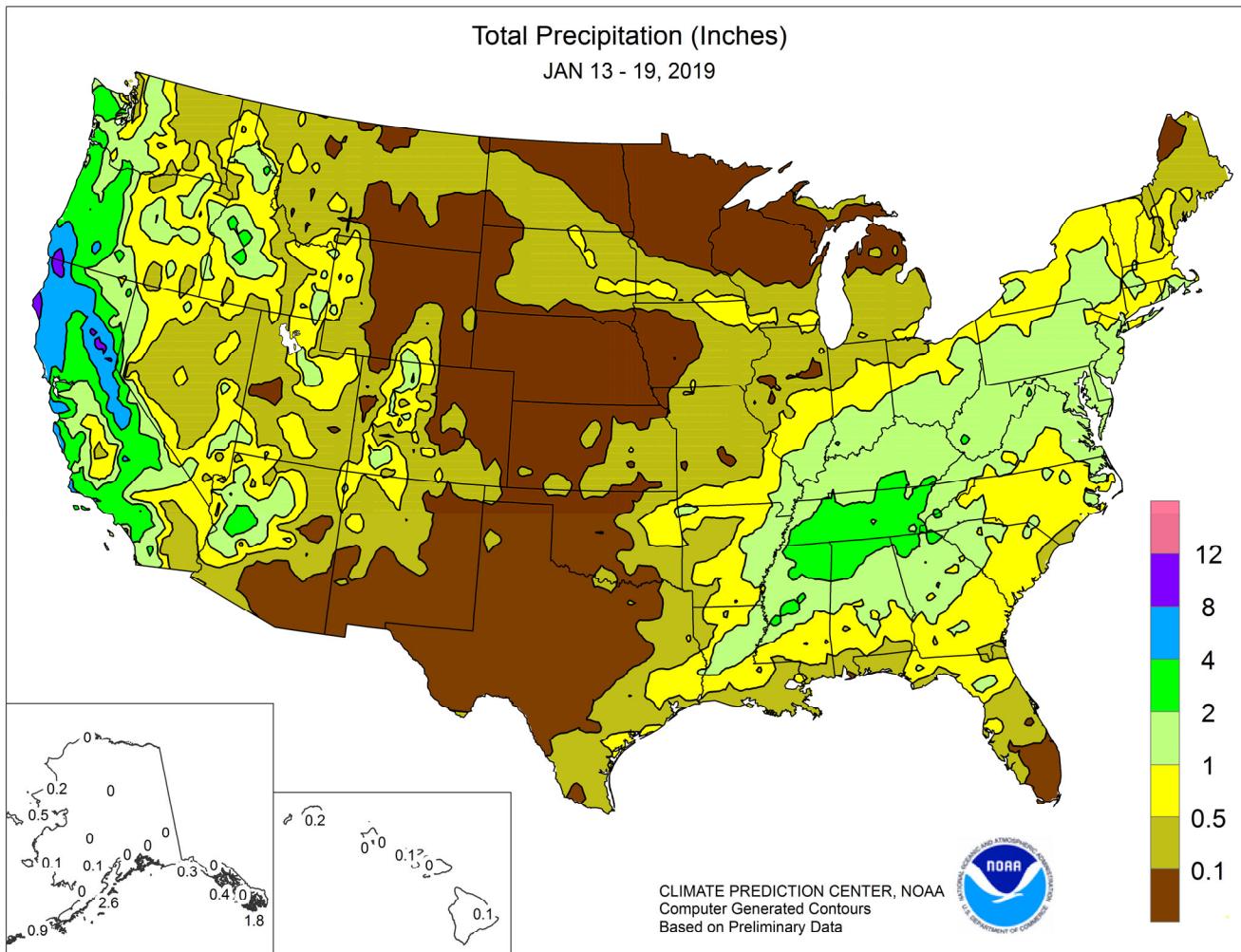


WEEKLY WEATHER AND CROP BULLETIN

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 13 – 19, 2019

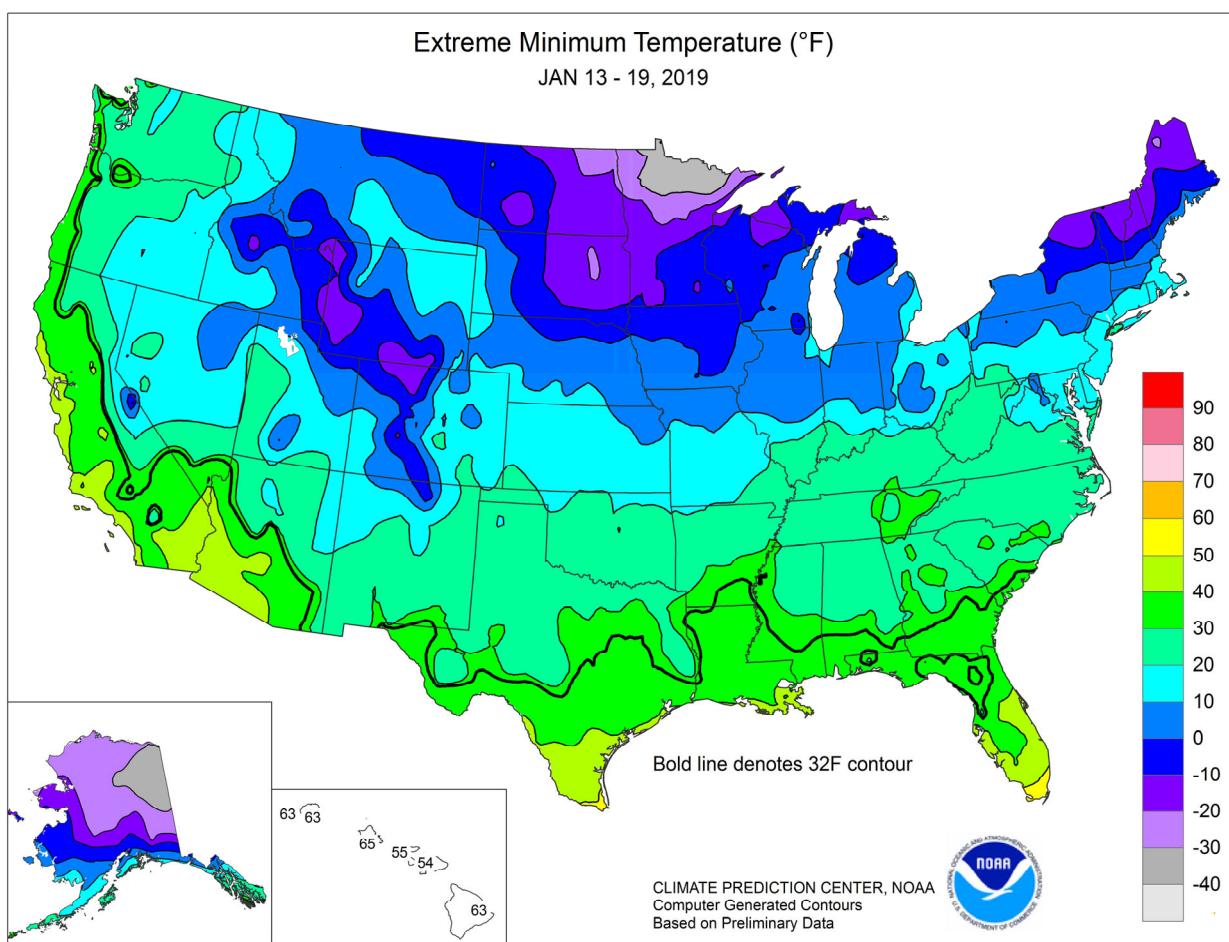
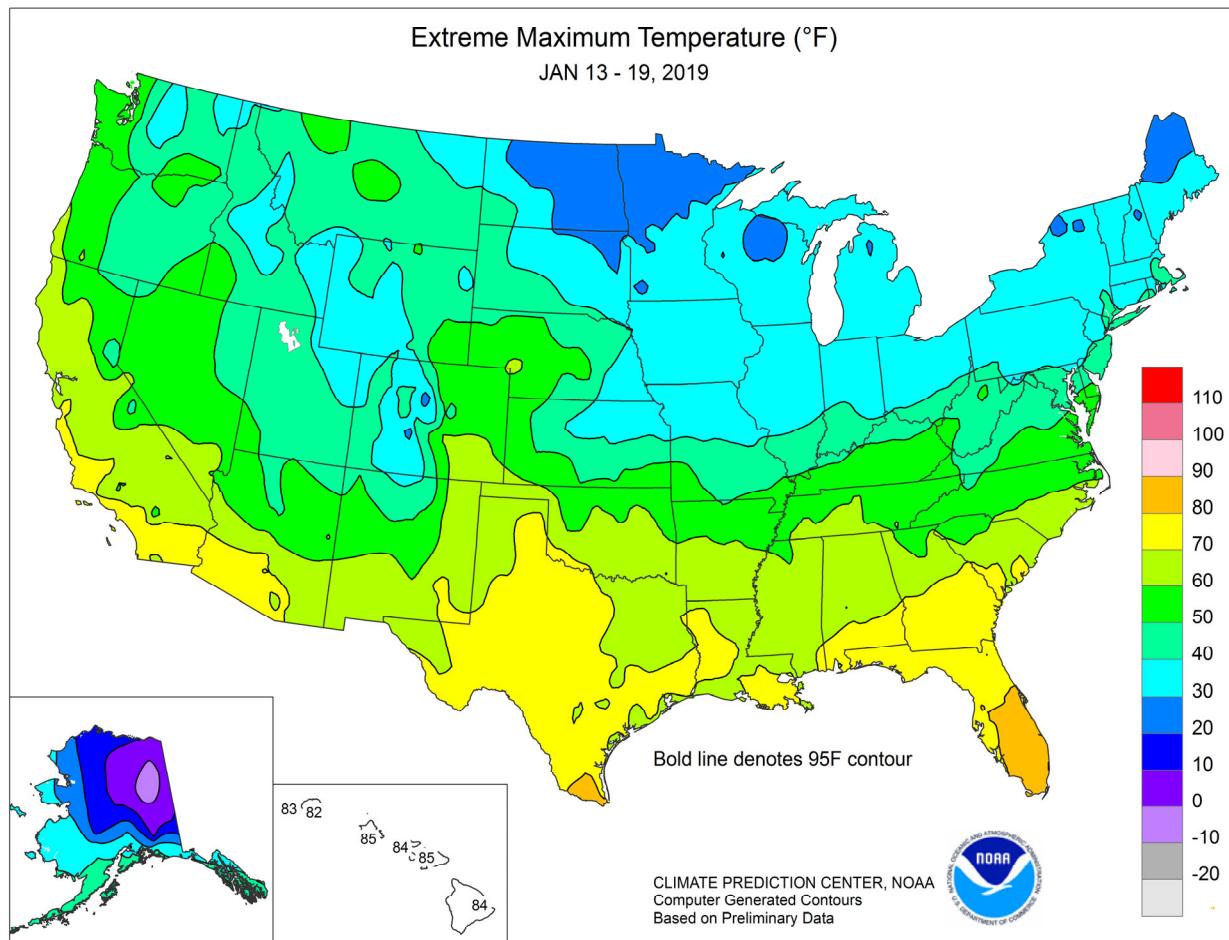
Highlights provided by USDA/WAOB

Heavy snow lingered early in the week in the **Mid-Atlantic region**, followed by several days of dry weather. However, precipitation returned across the **eastern half of the U.S.** during the latter half of the week, resulting in another round of heavy snow. The most significant snow, starting on January 18, spread from the **northern and central Plains into the Northeast**. Meanwhile, late-week rain drenched portions of the **South and East**, particularly from the **northern Mississippi Delta to the middle Atlantic Coast**. Farther west, a series of powerful **Pacific**

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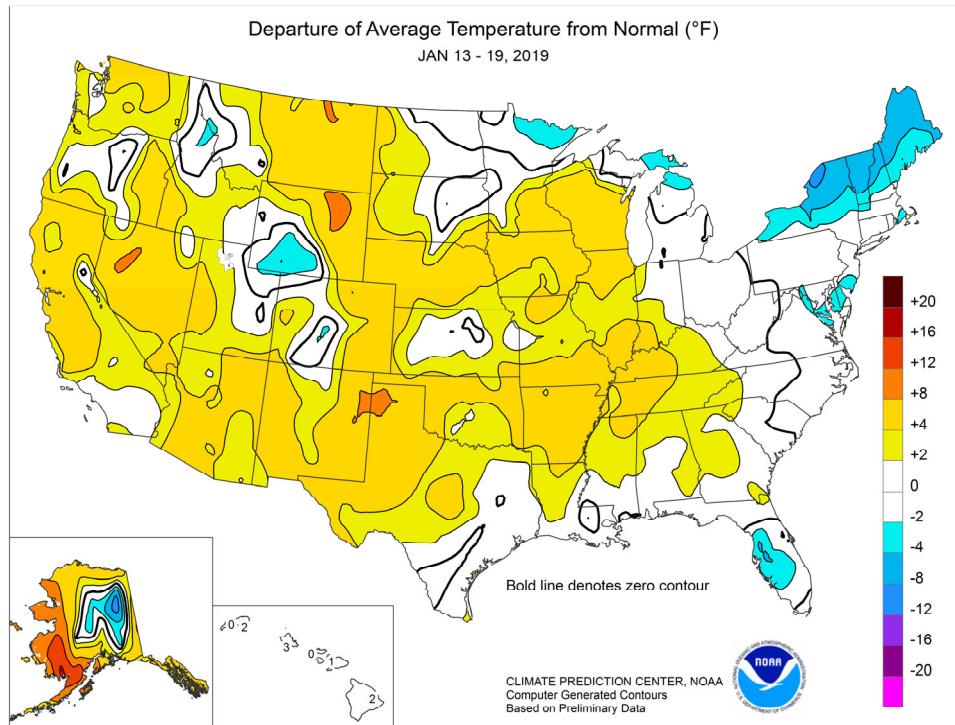
(Continued on page 3)



(Continued from front cover)

storms moved inland. Precipitation, which primarily affected **California** and the **Desert Southwest** for several days, later expanded to cover most of the **western U.S.** The average water content of the high-elevation Sierra Nevada snowpack increased to 16 inches (111 percent of normal) by week's end, up from 7 inches (71 percent) at the beginning of January. General warmth accompanied the **Western** storminess, with weekly temperatures averaging at least 5°F above normal in parts of the **southern Great Basin** and the **Southwest**. In fact, near- or above-normal temperatures dominated the country, with notably colder-than-normal conditions limited to the **Northeast**.

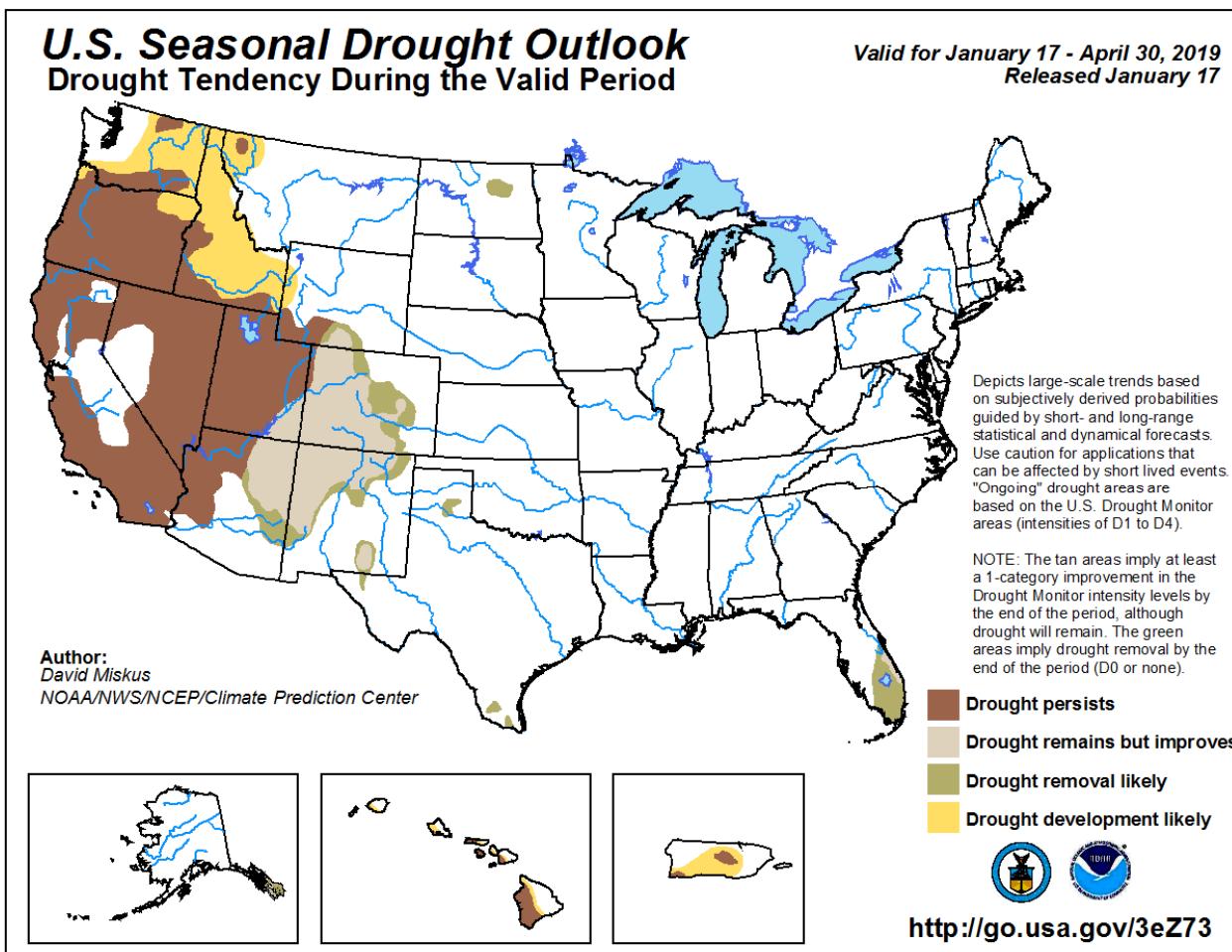
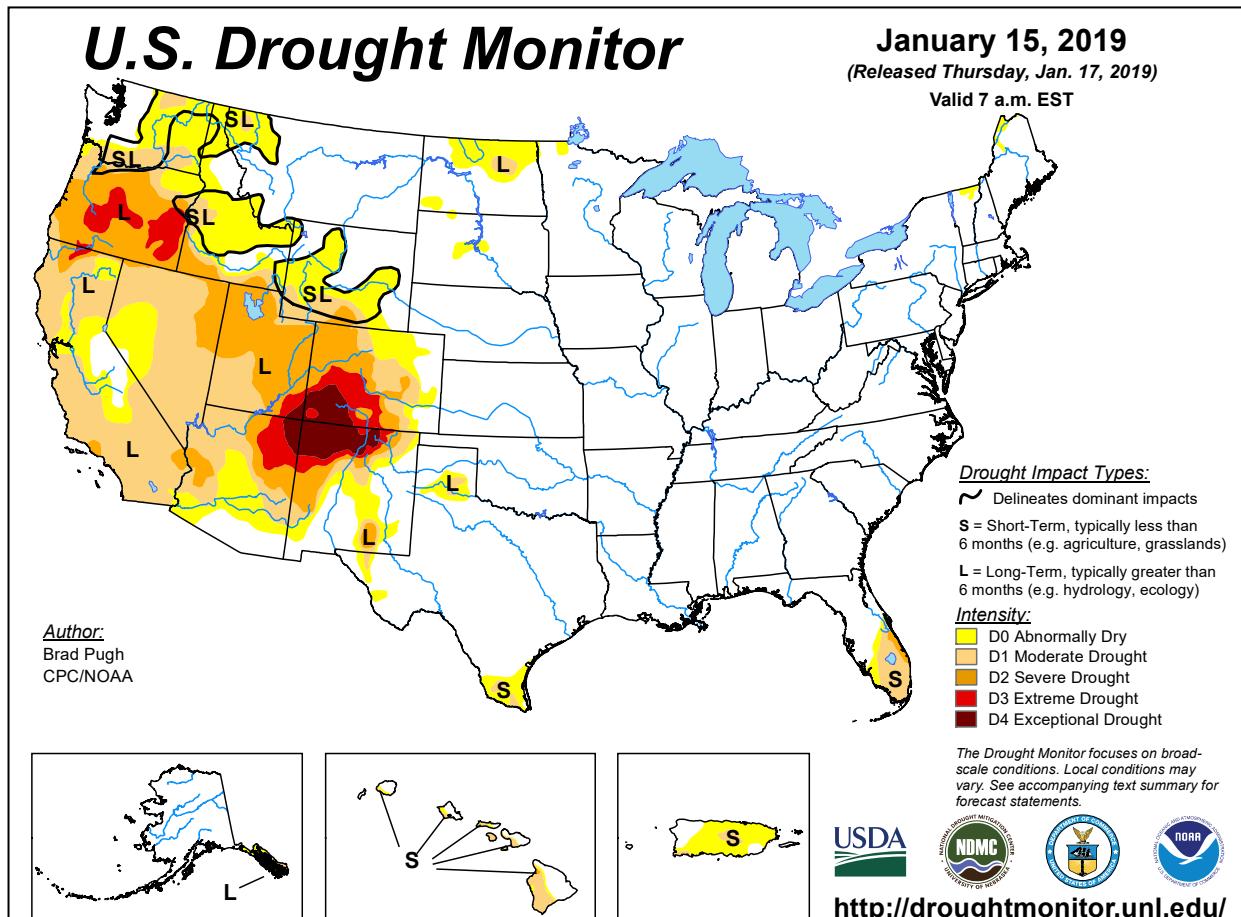
Snow persisted through January 13 in the **Mid-Atlantic** region, where storm-total snowfall climbed to 10.6 inches at **Virginia's Dulles Airport** and 10.2 inches in **Washington, DC**. The bulk of the snow, 7.7 and 8.3 inches, respectively, fell on the 13th. Lingering snow also fell in the **Ohio Valley**, where January the 12-13 total in **Cincinnati, OH**, reached 7.5 inches. By January 14, the focus for heavy precipitation turned to **southern California**, where record-setting rainfall totals reached 1.52 inches in **Burbank** and 1.30 inches in **Sandberg**. January 14-17 rainfall at those two locations totaled 3.13 and 3.80 inches, respectively. In the **Sierra Nevada** foothills, weekly precipitation in **Blue Canyon, CA**, totaled 7.56 inches. Farther inland, **Las Vegas, NV**, netted consecutive daily-record rainfall amounts (0.28 and 0.39 inch, respectively) on January 14-15. Other record-setting totals for January 15 included 0.86 inch in **Sacramento, CA**, and 0.82 inch in **Kingman, AZ**. **Sacramento** also measured a daily-record sum (1.41 inches) on January 16. Elsewhere in **California**, **Bishop** received a January 17 total of 1.49 inches—the highest daily sum in that location since December 19, 2010, when 3.32 inches fell. On January 17, daily-record totals included 0.76 inch in **Salt Lake City, UT**, and 0.30 inch in **Idaho Falls, ID**. **Alta, UT**, received 2.55 inches of precipitation and 19.0 inches of snow in a 24-hour period on January 17-18. By the 18th, heavy snow developed across the **north-central U.S.** In **South Dakota**, daily-record precipitation and snowfall totals for January 18 were broken in locations such as **Mitchell** (0.49 and 4.7 inches) and **Huron** (0.47 and 6.5 inches). Daily records for both precipitation and snowfall were also set on the 18th in **Rochester, MN** (0.55 and 8.1 inches). The following day, when precipitation spread across the **Great Lakes and Northeastern States**, record-setting snowfall totals for January 19 reached 7.8 inches in **Rochester, NY**, and 5.8 inches in **Detroit, MI**. **Rochester's** 2-day (January 19-20) snowfall totaled 16.0 inches. More details on this storm's **Northeastern** impacts will appear next week. Meanwhile, another round of



Western storminess led to record-setting rainfall totals for January 19 in **Crescent City, CA** (3.63 inches), and **Medford, OR** (1.58 inches).

Despite overarching warmth, few temperature records were set. On January 13, lingering warmth across **Florida's peninsula** led to a daily-record high of 84°F in **West Palm Beach**. Meanwhile, mild weather stretched from the **Pacific Northwest to the northern High Plains**. Record-setting high temperatures for the 13th included 58°F in **Cut Bank, MT**, and 57°F in **Hoquiam, WA**. In **Oregon**, **North Bend** posted a daily-record high of 63°F for January 14. In contrast, **Burlington, VT**, reported three consecutive days with a low of -6°F from January 19-21, a period during which snowfall totaled 18.6 inches. Farther west, **International Falls, MN**, closed with week with a low of -38°F (not a record for the date) on January 19. Elsewhere in **northern Minnesota**, a low of -46°F was reported early on January 20 in the community of **Cotton**.

Cold conditions persisted across parts of the **Alaskan mainland**, but mild weather developed across the southwestern part of the state. With a high of 40°F on January 14, **Bethel** experienced its warmest day since November 6. From January 12-17, **Kodiak** received rainfall totaling 2.95 inches. Meanwhile, the week began and ended with precipitation in **southeastern Alaska**. On January 13, **Ketchikan** reported a daily-record total of 3.95 inches. An additional 1.36 inches of rain fell in **Ketchikan** on January 18-19. Farther south, warm, mostly dry weather prevailed in **Hawaii**. On January 17, **Honolulu, Oahu**, notched a daily-record high of 85°F. At the state's major airport observation sites, month-to-date rainfall through January 19 ranged from 0.12 inch (7 percent of normal) in **Kahului, Maui**, to 0.56 inch (11 percent) at **Hilo**, on the **Big Island**.



January 31, 2019

Weekly Weather and Crop Bulletin

5

National Weather Data for Selected Cities

Weather Data for the Week Ending January 19, 2019

Data Provided by Climate Prediction Center

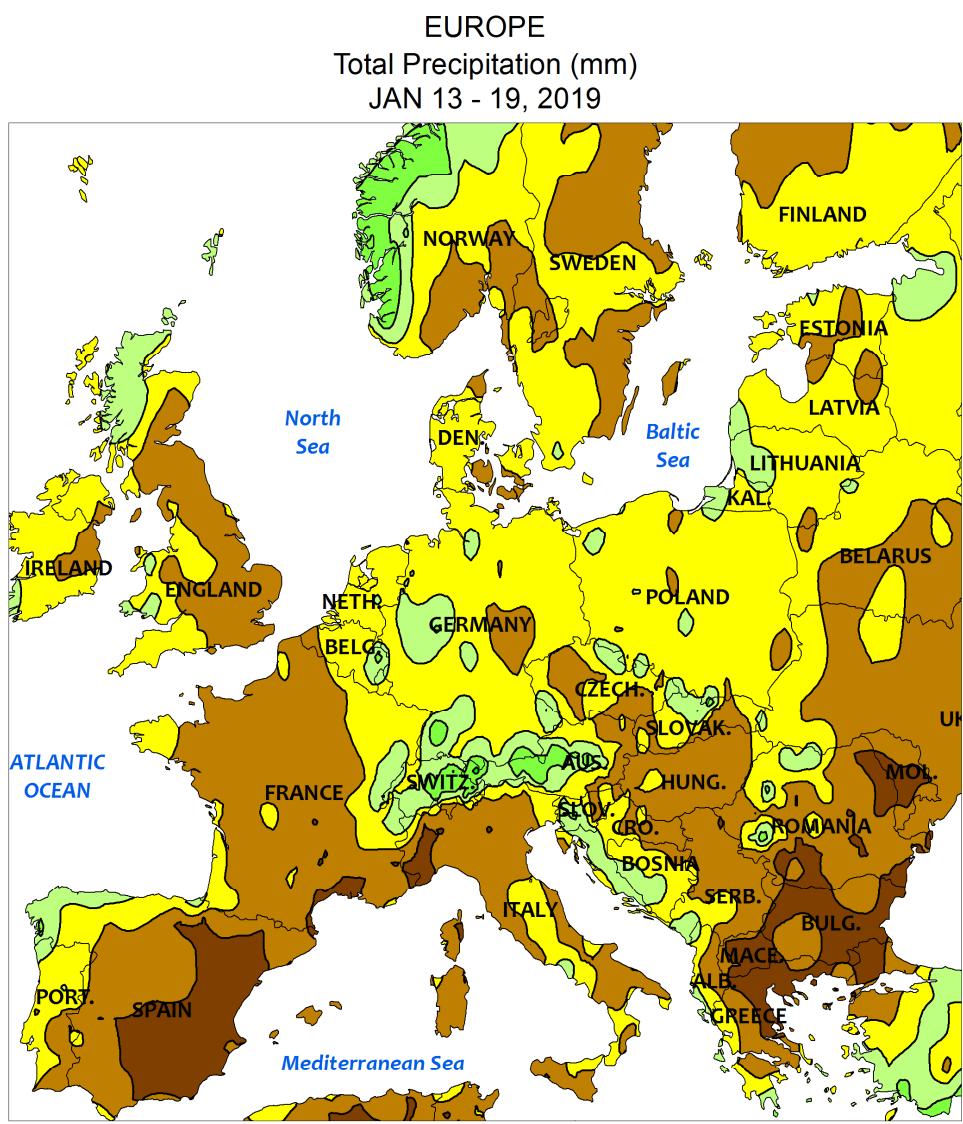
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT	NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN. SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL, IN. SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE 32 AND BELOW	0.1 INCH OR MORE	.50 INCH OR MORE		
AK	BIRMINGHAM	52	36	65	27	44	2	1.46	0.19	1.10	14.70	197	3.36	112	95	68	0	2	2	1
	HUNTSVILLE	50	36	62	27	43	4	3.18	1.92	2.69	15.32	177	5.32	173	94	82	0	2	3	1
	MOBILE	61	42	73	36	51	1	0.12	-1.21	0.12	11.73	152	2.28	75	91	75	0	0	1	0
	MONTGOMERY	58	40	69	31	49	3	0.93	-0.18	0.89	13.04	172	3.05	116	93	64	0	2	2	1
	ANCHORAGE	26	14	31	5	20	4	0.00	-0.14	0.00	2.48	173	0.05	13	85	75	0	7	0	0
	BARROW	1	-13	16	-25	-6	8	0.03	0.03	0.02	0.41	315	0.04	400	86	74	0	7	2	0
	FAIRBANKS	-1	-16	3	-21	-9	1	0.00	-0.11	0.00	0.42	40	0.00	0	75	69	0	7	0	0
AZ	JUNEAU	33	25	37	18	29	4	1.44	0.37	1.12	10.49	129	4.86	178	92	77	0	6	3	1
	KODIAK	41	35	44	27	38	8	2.60	0.73	0.84	11.59	95	3.54	77	96	89	0	2	5	2
	NOME	23	8	32	-9	15	9	0.45	0.26	0.25	1.44	97	0.53	110	93	80	0	7	6	0
	FLAGSTAFF	40	24	49	16	32	2	1.49	1.02	0.93	2.58	88	1.63	148	97	66	0	7	6	1
	PHOENIX	68	49	71	44	59	5	0.17	-0.01	0.14	0.93	66	0.74	154	88	60	0	0	3	0
AR	PREScott	51	31	56	26	41	4	1.28	0.95	0.89	1.71	82	1.54	193	96	52	0	5	4	1
	TUCSON	67	44	70	40	55	4	0.06	-0.16	0.06	2.66	166	1.16	204	85	54	0	0	1	0
	FORT SMITH	49	34	58	27	42	5	0.71	0.19	0.70	8.95	191	3.44	265	88	68	0	2	2	1
CA	LITTLE ROCK	51	38	61	29	44	4	1.06	0.26	0.68	12.85	192	2.53	128	91	69	0	1	3	1
	BAKERSFIELD	65	47	72	44	56	9	0.69	0.44	0.66	1.59	117	0.97	162	77	56	0	0	3	1
	FRESNO	62	48	65	44	55	10	0.66	0.18	0.42	2.23	91	1.67	152	87	70	0	0	4	0
	LOS ANGELES	63	52	76	46	57	0	3.01	2.36	1.08	6.16	189	4.71	320	92	75	0	0	4	4
	REDDING	56	45	66	37	50	5	0.26	-1.22	0.00	8.17	101	3.85	112	88	88	0	0	2	0
	SACRAMENTO	59	46	65	38	53	7	2.40	1.55	1.42	6.41	146	4.05	210	98	67	0	0	6	2
	SAN DIEGO	65	55	73	50	60	2	0.87	0.35	0.41	5.22	210	2.20	186	86	66	0	0	5	0
CO	SAN FRANCISCO	61	53	65	48	57	8	1.76	0.76	1.19	3.90	76	2.25	100	78	66	0	0	3	2
	STOCKTON	60	47	69	39	54	8	0.68	0.08	0.32	4.15	130	1.81	132	90	82	0	0	3	0
	ALAMOSA	27	2	34	-11	15	1	0.09	0.03	0.06	1.38	288	1.06	707	92	79	0	7	2	0
	CO SPRINGS	50	23	59	18	37	9	0.01	-0.05	0.01	0.30	50	0.21	117	80	28	0	7	1	0
	DENVER INTL	45	23	54	17	34	6	0.08	0.03	0.08	0.59	123	0.56	329	76	41	0	7	1	0
CT	GRAND JUNCTION	39	22	40	12	31	6	0.19	0.05	0.11	1.27	146	0.33	94	89	72	0	7	3	0
	PUEBLO	53	23	62	18	38	9	0.03	-0.04	0.03	0.49	83	0.40	200	83	53	0	7	1	0
	BRIDGEPORT	36	23	40	21	30	0	0.34	-0.51	0.30	7.75	140	1.42	69	76	46	0	7	2	0
	HARTFORD	34	17	40	11	25	-1	0.34	-0.54	0.34	6.79	119	1.83	87	75	47	0	7	1	0
	WASHINGTON	39	30	44	24	35	0	1.44	0.70	0.69	7.73	159	1.91	106	86	62	0	4	4	2
	WILMINGTON	36	24	39	18	30	-1	1.06	0.27	0.79	8.70	163	1.85	96	90	56	0	6	4	1
	DAYTONA BEACH	68	48	81	40	58	0	0.00	-0.72	0.00	5.31	120	0.43	25	98	54	0	0	0	0
FL	JACKSONVILLE	67	44	78	34	56	3	0.04	-0.80	0.04	5.55	121	0.59	31	90	46	0	0	1	0
	KEY WEST	75	65	81	60	70	0	0.00	-0.50	0.00	1.96	58	0.06	5	83	65	0	0	0	0
	MIAMI	77	60	80	53	68	0	0.00	-0.39	0.00	1.65	53	0.07	7	93	57	0	0	0	0
	ORLANDO	71	48	81	44	60	-1	0.00	-0.55	0.00	6.93	192	0.13	10	89	48	0	0	0	0
	PENSACOLA	62	45	72	39	54	2	0.35	-0.88	0.33	17.94	263	1.40	49	85	67	0	0	2	0
	TALLAHASSEE	63	41	72	29	52	0	0.46	-0.78	0.43	17.54	250	1.77	60	94	62	0	3	2	0
	TAMPA	69	50	76	43	59	-2	0.31	-0.17	0.28	9.85	285	1.17	101	89	52	0	0	2	0
GA	WEST PALM BEACH	77	53	84	48	65	-1	0.03	-0.84	0.03	1.48	29	0.04	2	94	54	0	0	1	0
	ATHENS	53	35	61	26	44	2	1.52	0.46	1.01	14.98	242	4.09	165	93	69	0	4	3	1
	ATLANTA	52	38	63	30	45	3	1.42	0.29	1.22	16.00	249	4.17	160	87	73	0	2	3	1
	AUGUSTA	59	39	74	28	49	5	0.94	-0.08	0.73	8.37	152	2.43	102	91	68	0	3	3	1
	COLUMBUS	58	42	71	32	50	4	1.58	0.51	1.51	12.32	177	4.39	170	92	58	0	2	3	1
	MACON	59	38	73	28	49	4	1.21	0.08	0.97	10.50	160	4.24	161	97	61	0	3	3	1
	SAVANNAH	62	43	75	33	53	4	0.14	-0.77	0.08	8.75	177	0.61	29	94	62	0	0	3	0
HI	HILO	81	65	84	63	73	2	0.05	-2.17	0.04	10.58	68	0.61	12	81	68	0	0	2	0
	HONOLULU	83	68	85	65	76	3	0.18	-0.43	0.17	0.79	18	0.19	13	74	61	0	0	2	0
	KAHULUI	83	63	85	54	73	1	0.03	-0.82	0.03	0.66	13	0.12	6	87	73	0	0	1	0
	LIHUE	80	67	82	63	74	2	0.16	-0.90	0.13	4.32	58	0.28	11	83	70	0	0	2	0
	BOISE	43	28	52	19	36	6	0.44	0.14	0.24	1.87	88	0.47	63	83	70	0	4	4	0
	LEWISTON	40	29	50	22	34	1	0.27	0.02	0.11	1.14	70	0.34	58	86	77	0	5	3	0
	POCATELLO	34	16	44	5	25	1	0.60	0.35	0.31	1.66	97	0.88	144	89	79	0	6	5	0
IL	CHICAGO/O'HARE	31	24	35	11	27	5	0.29	-0.08	0.19	4.19	124	0.87	92	87	75	0	7	3	0
	MOLINE	32	20	36	6	26	5	0.31	-0.03	0.18	4.27	138	1.32	148	84	73	0	7	2	0
	PEORIA	32	22	34	6	27	5	0.16	-0.15	0.14	5.45	169	1.26	152	93	77	0	7	2	0
	ROCKFORD	30	22	34	7	26	7	0.31	0.01	0.17	4.08	145	1.12	147	82	70	0	7	3	0
	SPRINGFIELD	33	23	36	4	28	3	0.79	0.44	0.40	6.89	199	1.98	213	96	78	0	7	4	0
	EVANSVILLE	40	32	45	26	36	5	1.68	1.05	1.52	9.29	183	3.14	203	96	88	0	4	3	1
	FORT WAYNE	33	21	37	7	27	4	0.41	-0.03	0.22	3.73	95	0.79	69	93	73	0	7	3	0
IN	INDIANAPOLIS	34	23	38	13	29	3	0.76	0.21	0.56	5.22	119	1.43	105	95	78	0	7	3	1
	SOUTH BEND	30	17	33	7	23	0	0.30</												

Weather Data for the Week Ending January 19, 2019

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT	NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL IN. SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	0.1 INCH OR MORE	.50 INCH OR MORE	
KY	WICHITA	39	26	48	18	33	3	0.68	0.49	0.62	3.10	165	1.30	245	97	92	0	6	2	1
	JACKSON	39	32	53	26	35	1	1.66	0.88	1.19	10.36	167	2.89	149	99	87	0	4	4	1
	LEXINGTON	40	30	51	23	35	3	1.46	0.72	1.12	9.21	155	3.15	166	86	81	0	5	3	1
	LOUISVILLE	41	33	48	25	37	4	1.15	0.42	0.89	8.11	147	2.21	122	86	73	0	3	3	1
	PADUCAH	45	34	55	27	40	8	1.85	1.12	1.72	9.07	147	3.48	194	89	79	0	2	3	1
	LA BATON ROUGE	59	44	69	38	51	1	0.41	-0.98	0.39	12.74	149	3.10	95	91	64	0	0	3	0
LA	LAKE CHARLES	62	43	70	36	52	1	0.44	-0.86	0.44	11.67	152	4.63	151	95	67	0	0	1	0
	NEW ORLEANS	60	46	74	42	53	1	0.14	-1.15	0.12	7.26	91	1.93	65	88	76	0	0	2	0
	SHREVEPORT	57	41	71	33	49	3	0.51	-0.51	0.39	13.89	198	2.62	107	87	66	0	0	4	0
	ME CARIBOU	17	-9	27	-11	4	-5	0.21	-0.47	0.13	5.76	118	1.99	117	77	57	0	7	2	0
	PORTLAND	30	12	37	7	21	-1	0.06	-0.87	0.06	5.73	88	2.08	91	80	46	0	7	1	0
	MD BALTIMORE	38	26	44	19	32	0	1.31	0.52	0.84	8.25	156	1.71	88	94	65	0	6	4	1
MA	BOSTON	36	23	43	16	30	1	0.15	-0.73	0.15	4.13	71	1.11	52	68	39	0	7	1	0
	WORCESTER	30	16	34	9	23	0	0.27	-0.67	0.27	6.08	100	1.43	63	79	46	0	7	1	0
	MI ALPENA	25	6	32	-4	16	-2	0.12	-0.28	0.05	3.07	108	0.40	40	88	66	0	7	3	0
	GRAND RAPIDS	30	17	34	5	24	2	0.23	-0.21	0.16	2.59	68	0.60	55	84	62	0	7	4	0
	HOUGHTON LAKE	25	8	30	-2	16	-2	0.07	-0.29	0.05	2.78	106	0.62	70	87	73	0	7	3	0
	LANSING	30	16	34	4	23	1	0.33	0.00	0.27	2.95	98	0.62	75	93	76	0	7	4	0
MN	MUSKEGON	33	19	39	9	26	2	0.25	-0.25	0.19	3.94	102	1.05	85	74	60	0	7	3	0
	TRAVERSE CITY	28	11	34	0	19	-2	0.02	-0.67	0.02	3.19	74	0.40	25	85	65	0	7	1	0
	DULUTH	17	0	31	-15	8	0	0.00	-0.24	0.00	2.32	157	0.35	65	77	59	0	7	0	0
	INT'L FALLS	12	-11	27	-38	0	-2	0.02	-0.16	0.02	1.15	104	0.32	78	87	62	0	7	1	0
	MINNEAPOLIS	24	15	35	-1	20	7	0.01	-0.21	0.01	1.74	113	0.01	2	81	67	0	7	1	0
	ROCHESTER	24	13	32	-9	18	7	0.62	0.42	0.55	2.75	183	0.66	138	94	81	0	7	3	1
MS	ST. CLOUD	19	4	32	-9	12	4	0.00	-0.17	0.00	1.33	123	0.00	0	84	60	0	7	0	0
	JACKSON	54	40	65	31	47	2	0.94	-0.36	0.88	13.05	155	5.02	162	90	67	0	1	2	1
	MERIDIAN	56	39	66	31	48	2	0.64	-0.70	0.61	13.58	160	3.32	104	89	82	0	1	2	1
	TUPELO	52	38	65	28	45	5	2.24	1.08	1.81	12.54	138	4.99	169	90	78	0	2	3	1
	MO COLUMBIA	34	28	37	13	31	3	0.14	-0.22	0.06	7.10	211	2.80	315	97	86	0	6	3	0
	KANSAS CITY	31	25	35	8	28	1	0.34	0.09	0.27	4.28	189	1.24	197	96	87	0	7	4	0
MT	SAINT LOUIS	36	30	39	19	33	4	0.52	0.05	0.25	5.72	143	1.74	151	93	84	0	4	4	0
	SPRINGFIELD	42	30	50	16	36	5	0.44	0.00	0.30	6.52	153	2.29	210	91	84	0	5	3	0
	BILLINGS	37	18	45	12	28	4	0.04	-0.15	0.04	0.74	66	0.05	11	85	54	0	7	1	0
	BUTTE	33	3	44	-12	18	1	0.03	-0.08	0.02	0.37	46	0.05	18	84	52	0	7	2	0
	CUT BANK	34	8	58	2	21	2	0.09	0.01	0.08	0.32	59	0.09	43	87	58	0	7	2	0
	GLASGOW	25	11	37	-2	18	8	0.16	0.09	0.09	0.86	151	0.16	80	85	78	0	7	2	0
NE	GREAT FALLS	40	17	50	10	29	8	0.15	0.00	0.14	0.50	47	0.17	43	83	49	0	7	2	0
	HAVRE	29	5	46	-6	17	3	0.21	0.11	0.15	0.39	50	0.21	78	89	75	0	7	2	0
	MISSOULA	26	17	38	11	21	-2	0.24	0.01	0.21	1.22	70	0.37	62	88	82	0	7	4	0
	GRAND ISLAND	34	21	51	8	28	6	0.06	-0.05	0.04	3.50	372	0.06	21	93	86	0	7	3	0
	LINCOLN	30	21	33	7	25	3	0.02	-0.13	0.02	3.77	299	0.45	113	90	81	0	7	1	0
	NORFOLK	31	18	46	1	25	5	0.00	-0.11	0.00	2.90	312	0.01	4	93	80	0	7	0	0
NH	NORTH PLATTE	39	17	56	7	28	5	0.01	-0.07	0.01	1.41	231	0.01	5	93	69	0	7	1	0
	OMAHA	30	20	37	6	25	4	0.01	-0.16	0.01	3.40	256	0.45	110	85	74	0	7	1	0
	SCOTTSBLUFF	47	17	55	9	32	8	0.01	-0.10	0.01	0.38	45	0.06	21	92	61	0	7	1	0
	VALENTINE	37	15	50	-4	26	6	0.05	-0.01	0.03	0.96	200	0.07	47	90	74	0	7	2	0
	ELY	37	23	47	16	30	5	0.32	0.15	0.12	0.82	92	0.43	110	88	77	0	7	5	0
	LAS VEGAS	58	45	63	39	52	6	0.72	0.61	0.44	1.21	178	1.04	371	74	54	0	0	4	0
NV	RENO	48	30	59	22	39	6	1.60	1.38	0.95	3.54	253	2.45	471	83	66	0	3	3	1
	WINNEMUCCA	47	29	58	16	38	8	0.30	0.11	0.21	2.64	206	0.62	132	84	64	0	4	4	0
	CONCORD	29	9	36	2	19	-1	0.06	-0.60	0.06	4.46	98	1.20	75	84	53	0	7	1	0
	NEWARK	36	24	39	20	30	-1	0.72	-0.21	0.70	8.65	150	1.56	71	77	50	0	7	2	1
	ALBUQUERQUE	47	31	55	27	39	4	0.13	0.02	0.08	1.31	170	0.52	186	88	54	0	4	2	0
	ALBANY	30	12	39	7	21	-1	0.49	-0.06	0.45	4.85	121	1.42	105	75	50	0	7	3	0
NC	BINGHAMTON	27	13	31	5	20	-2	0.75	0.20	0.64	4.39	100	1.68	124	84	66	0	7	3	1
	BUFFALO	28	14	33	8	21	-3	0.76	0.05	0.62	5.03	90	1.67	94	87	64	0	7	3	1
	ROCHESTER	29	15	36	7	22	-2	0.00	-0.52	0.00	3.21	80	0.61	48	85	67	0	7	0	0
	SYRACUSE	28	9	35	1	19	-4	0.54	-0.04	0.47	5.14	113	1.87	132	85	63	0	7	3	0
	ASHEVILLE	46	33	53	26	39	4	1.58	0.67	1.29	14.82	268	3.95	185	91	72	0	4	3	1
	CHARLOTTE	50	35	58	25	42	1	1.58	0.67	0.88	10.24	192	3.26	151	98	68	0	1	4	2
ND	GREENSBORO	47	32	56	24	39	2	1.55	0.75	0.77	9.86	199	2.87	151	99	70	0	5	3	2
	HATTERAS	53	39	63	30	46	0	0.94	-0.43	0.54	12.31	157	1.39	43	94	63	0	1	2	1
	RALEIGH	49	31	59	26	40	1	1.17	0.25	1.04	8.27	159	2.04	95	94	68	0	5	3	1
	WILMINGTON	54	33	66	27	44	-2	0.25	-0.79	0.12	7.94	127	0.86	35	95	65	0	3	3</	

Weather Data for the Week Ending January 19, 2019

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT	NUMBER OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL IN. SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	0° INCH OR MORE	.50 INCH OR MORE	
OK	TOLEDO	32	20	36	10	26	2	0.46	0.05	0.36	3.65	99	0.83	79	83	70	0	7	3	0
	YOUNGSTOWN	31	19	34	11	25	0	0.67	0.15	0.52	5.10	120	1.37	106	91	77	0	7	3	1
	OKLAHOMA CITY	47	30	63	23	38	2	0.00	-0.28	0.00	5.97	224	1.81	235	94	76	0	5	0	0
OR	TULSA	47	33	61	21	40	4	0.47	0.12	0.37	7.39	223	3.81	428	91	78	0	4	3	0
	ASTORIA	53	40	57	34	46	4	1.56	-0.61	1.18	13.66	87	3.83	73	85	64	0	0	4	1
	BURNS	37	21	43	10	29	5	1.12	0.87	0.44	2.21	113	1.17	180	91	81	0	7	5	0
PA	EUGENE	48	33	54	24	41	2	1.27	-0.45	0.62	7.89	63	2.20	53	91	80	0	5	4	1
	MEDFORD	55	36	63	25	45	6	2.26	1.71	1.68	5.72	135	2.51	186	85	56	0	2	4	1
	PENDLETON	38	31	52	26	34	1	0.86	0.55	0.39	2.64	118	0.98	129	91	81	0	5	4	0
PA	PORTLAND	49	38	54	33	43	3	1.29	0.16	0.97	7.15	84	2.07	75	74	64	0	0	4	1
	SALEM	51	34	55	27	42	2	1.34	0.04	0.82	8.32	87	2.28	73	84	71	0	4	4	1
	ALLENTOWN	36	22	39	15	29	2	0.89	0.09	0.87	8.12	153	1.88	97	75	48	0	7	2	1
RI	ERIE	31	19	34	12	25	-2	0.56	0.01	0.42	4.56	88	1.63	113	80	69	0	7	4	0
	MIDDLETOWN	36	24	38	14	30	1	1.17	0.56	1.02	7.35	155	1.65	111	86	55	0	7	4	1
	PHILADELPHIA	36	26	40	21	31	-1	0.94	0.14	0.82	8.26	157	1.88	97	83	54	0	7	4	1
SC	PITTSBURGH	32	24	35	18	28	1	0.91	0.30	0.81	7.06	163	1.52	104	97	76	0	7	4	1
	WILKES-BARRE	33	19	35	9	26	0	0.73	0.18	0.69	4.75	123	1.56	120	85	48	0	7	3	1
	WILLIAMSPORT	34	21	37	13	28	3	0.86	0.23	0.79	8.08	183	1.89	128	81	55	0	7	4	1
SD	PROVIDENCE	34	19	38	16	27	-2	0.17	-0.82	0.17	6.99	107	1.72	72	75	48	0	7	1	0
	CHARLESTON	59	42	73	33	51	3	0.10	-0.84	0.08	10.34	189	0.59	26	92	57	0	0	2	0
	COLUMBIA	55	36	68	28	46	2	1.14	0.07	0.72	9.09	154	1.84	73	99	80	0	3	4	1
TN	FLORENCE	54	35	67	31	45	0	0.38	-0.57	0.31	8.06	139	1.15	49	98	60	0	3	3	0
	GREENVILLE	51	35	58	26	43	2	1.79	0.80	1.30	16.35	261	4.89	204	98	67	0	2	3	1
	ABERDEEN	18	3	30	-21	11	1	0.27	0.16	0.26	1.58	239	0.27	96	88	83	0	7	2	0
TX	HURON	22	7	32	-21	15	1	0.50	0.39	0.47	1.67	261	0.50	200	90	73	0	7	2	0
	RAPID CITY	33	15	46	6	24	2	0.15	0.08	0.14	1.39	232	0.15	75	90	70	0	7	2	0
	SIOUX FALLS	25	13	32	-10	19	5	0.32	0.21	0.28	1.55	199	0.32	123	86	75	0	7	3	0
TX	BRISTOL	43	34	60	30	39	5	0.96	0.18	0.54	8.23	156	2.38	127	99	81	0	3	5	1
	CHATTANOOGA	48	37	60	32	43	4	2.98	1.75	2.40	14.23	185	5.23	180	88	76	0	2	3	2
	KNOXVILLE	45	36	57	32	41	4	2.01	0.96	1.58	11.10	158	3.60	142	96	82	0	2	4	1
TX	MEMPHIS	50	36	59	31	43	4	1.89	0.97	1.21	12.24	153	3.40	148	96	78	0	3	3	1
	NASHVILLE	47	35	61	27	41	5	2.33	1.44	1.88	9.32	138	3.51	160	90	74	0	3	3	1
	ABILENE	55	38	78	29	47	4	0.02	-0.18	0.02	4.45	245	0.81	147	85	73	0	2	1	0
TX	AMARILLO	58	28	69	24	43	8	0.01	-0.13	0.01	0.64	65	0.06	16	87	43	0	6	1	0
	AUSTIN	61	43	78	34	52	2	0.06	-0.35	0.05	9.14	259	2.77	254	79	63	0	0	2	0
	BEAUMONT	63	44	72	37	54	2	0.75	-0.58	0.74	14.12	167	5.16	160	86	65	0	0	2	1
TX	BROWNSVILLE	69	57	82	53	63	4	0.31	0.02	0.31	1.35	77	0.70	109	96	72	0	0	1	0
	CORPUS CHRISTI	64	52	73	45	58	2	0.54	0.21	0.39	1.69	65	0.88	104	82	71	0	0	3	0
	DEL RIO	60	46	73	39	53	2	0.05	-0.04	0.05	1.40	141	0.14	58	86	74	0	0	1	0
TX	EL PASO	63	39	67	34	51	6	0.00	-0.08	0.00	0.53	51	0.10	38	67	33	0	0	0	0
	FORT WORTH	55	37	69	30	46	2	0.01	-0.40	0.01	6.11	166	1.56	141	90	62	0	1	1	0
	GALVESTON	60	50	67	42	55	-1	0.22	-0.72	0.09	8.29	144	3.58	161	94	73	0	0	4	0
TX	HOUSTON	63	45	71	37	54	3	0.58	-0.25	0.51	10.46	183	2.84	141	88	74	0	0	3	1
	LUBBOCK	60	32	71	24	46	8	0.00	-0.08	0.00	1.44	160	0.00	0	85	51	0	3	0	0
	MIDLAND	61	37	73	31	49	6	0.00	-0.11	0.00	1.12	120	0.10	36	85	55	0	2	0	0
UT	SAN ANGELO	59	38	79	26	48	3	0.00	-0.15	0.00	2.79	208	0.32	80	86	63	0	1	0	0
	SAN ANTONIO	60	45	70	37	52	2	0.09	-0.27	0.06	3.48	121	1.14	125	86	66	0	0	2	0
	VICTORIA	62	46	72	36	54	1	0.37	-0.18	0.23	6.14	161	1.20	89	89	71	0	0	3	0
UT	WACO	56	38	67	32	47	1	0.00	-0.39	0.00	8.35	219	3.62	345	86	66	0	1	0	0
	WICHITA FALLS	53	33	74	26	43	3	0.08	-0.14	0.08	5.45	236	1.50	238	91	74	0	3	1	0
	SALT LAKE CITY	38	27	46	19	33	4	0.85	0.55	0.76	2.45	125	1.17	160	86	69	0	6	4	1
VT	BURLINGTON	24	1	36	-6	13	-5	0.23	-0.27	0.20	4.08	120	1.15	97	78	56	0	7	3	0
	LYNCHBURG	41	27	53	24	34	0	1.07	0.27	0.56	8.90	173	1.76	92	98	77	0	7	3	1
	NORFOLK	47	35	58	27	41	1	1.41	0.51	1.41	6.06	118	1.97	93	94	69	0	2	1	1
WA	RICHMOND	44	31	53	25	37	1	0.92	0.10	0.90	4.82	94	1.37	69	86	70	0	5	2	1
	ROANOKE	40	30	50	26	35	0	0.97	0.25	0.58	7.97	175	1.73	102	88	73	0	6	3	1
	WASH/DULLES	37	21	43	9	29	-3	1.67	0.98	0.95	7.88	166	2.12	126	94	71	0	7	4	2
WA	OLYMPIA	47	32	53	24	39	1	1.48	-0.21	0.92	11.21	94	3.71	91	98	92	0	4	4	1
	QUILLAYUTE	53	36	60	27	45	5	1.91	-1.13	1.36	34.72	159	11.80	160	77	62	0	3	4	1
	SEATTLE-TACOMA	53	39	57	31	46	5	0.56	-0.59	0.36	8.59	102	2.51	90	82	66	0	1	3	0
WV	SPOKANE	35	26	41	19	31	4	0.47	0.07	0.30	3.79	117	1.17	117	90	75	0	5	2	0
	YAKIMA	36	28	40	20	32	3	0.90	0.65	0.43	1.88	93	1.20	185	92	84	0	5	3	0



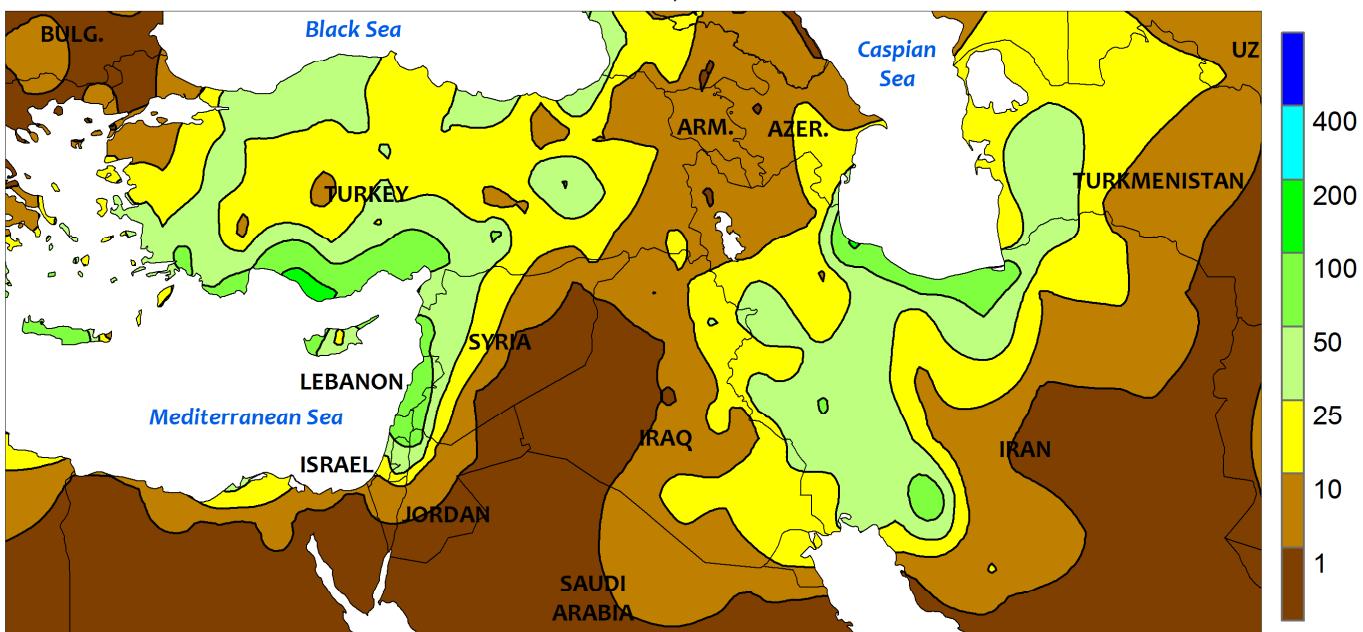
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EUROPE

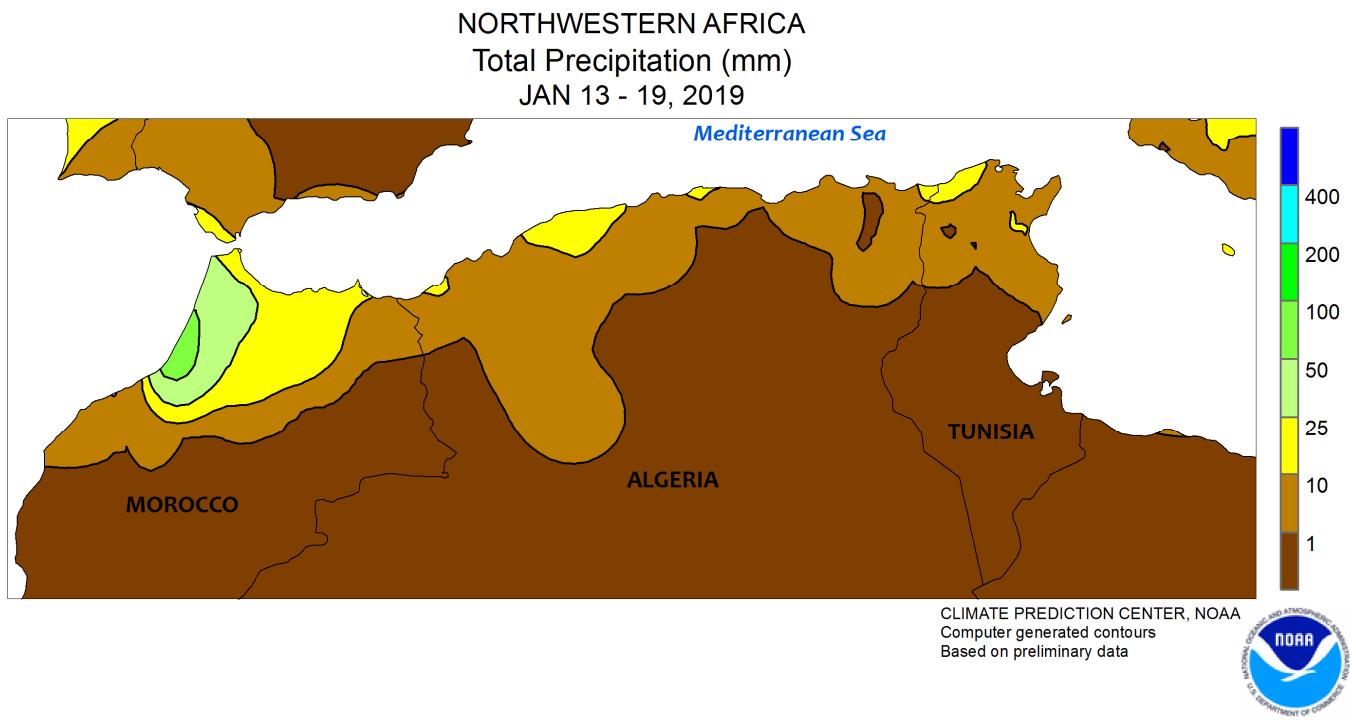
A summary of weather events occurring since December 16, 2018, will be published in *Weekly Weather and Crop Bulletin* Volume 106, No 6.

MIDDLE EAST
Total Precipitation (mm)
JAN 13 - 19, 2019



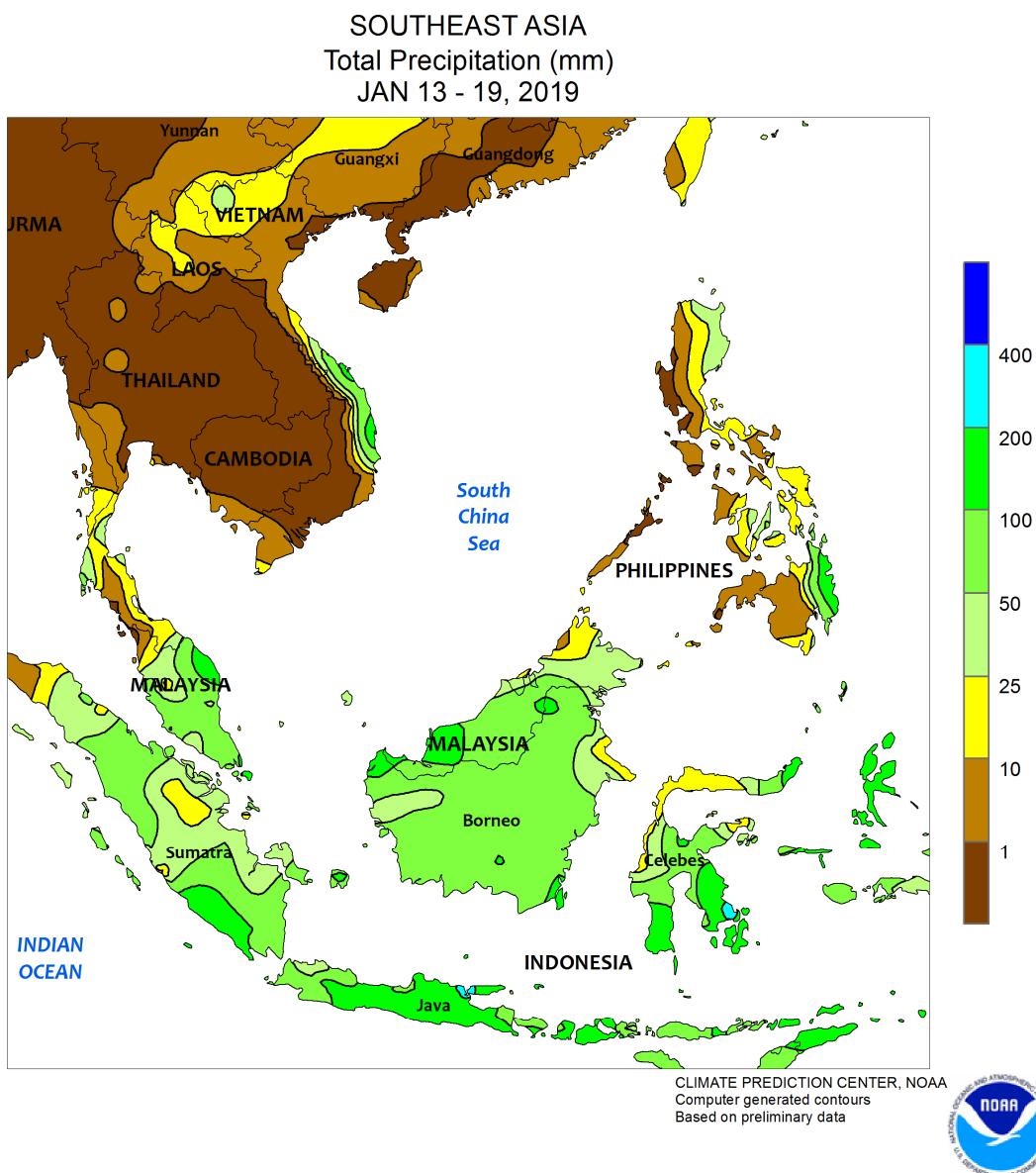
MIDDLE EAST

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NORTHWESTERN AFRICA

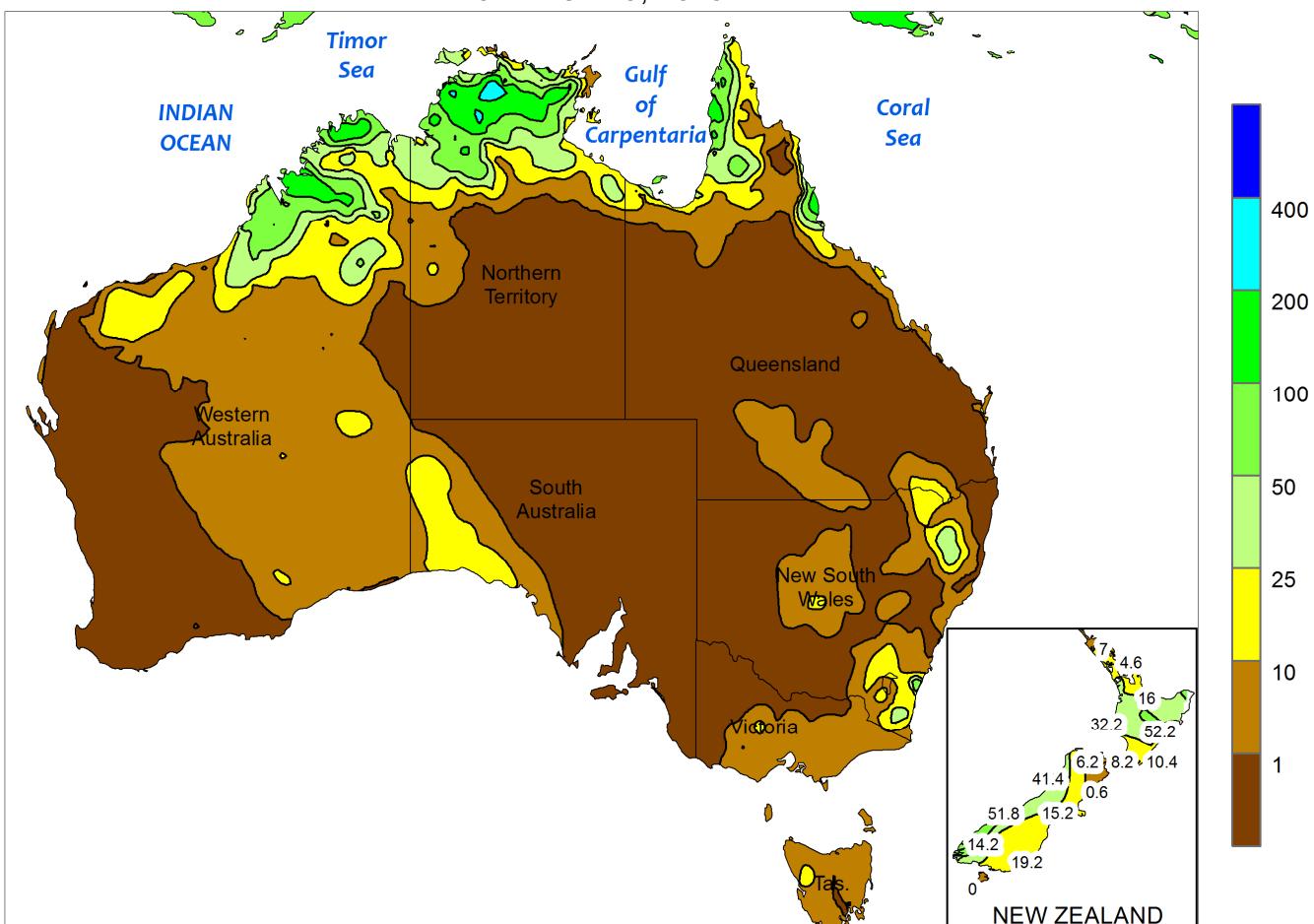
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SOUTHEAST ASIA

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AUSTRALIA
Total Precipitation (mm)
JAN 13 - 19, 2019



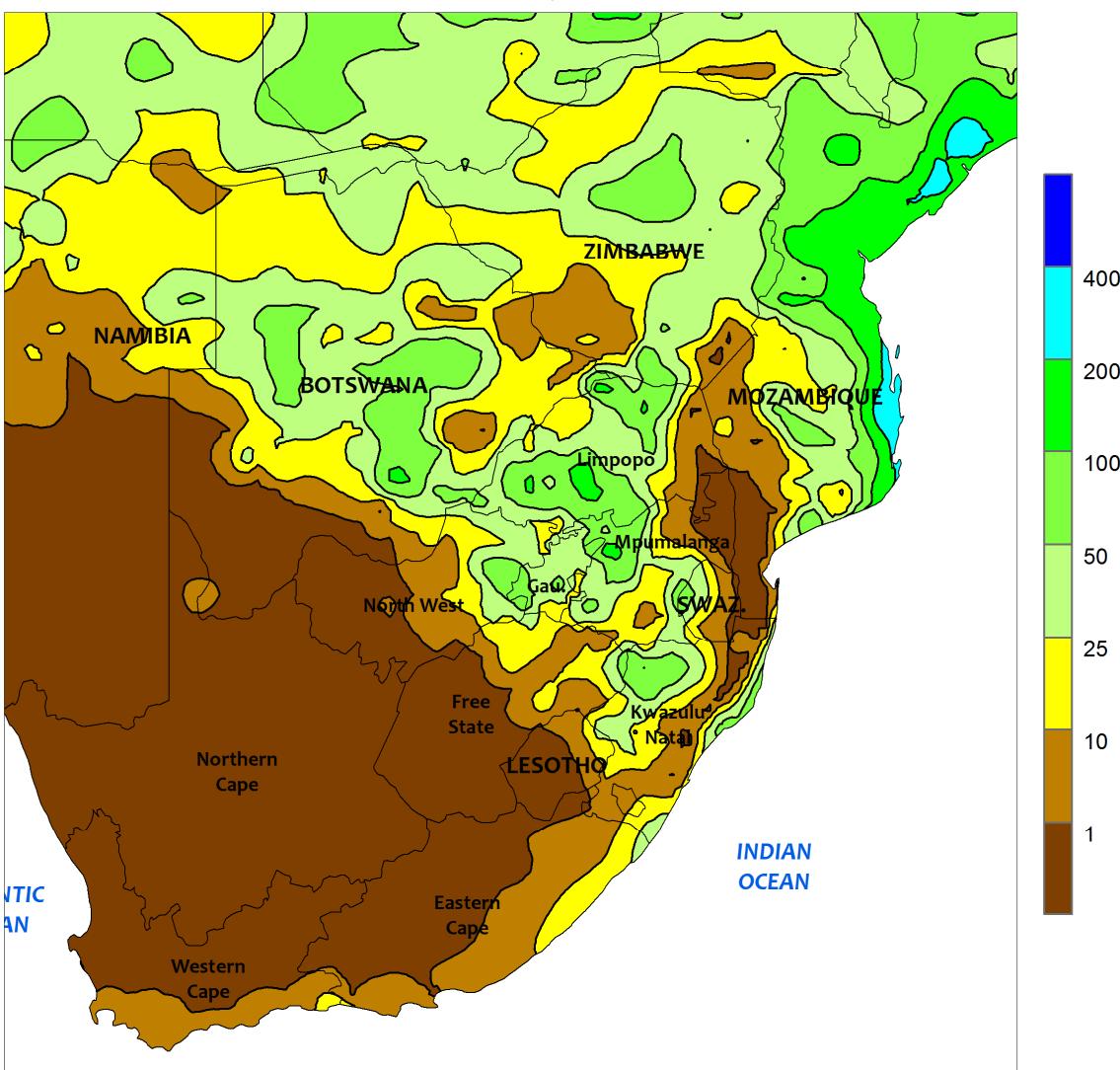
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Based on preliminary data



AUSTRALIA

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SOUTH AFRICA
Total Precipitation (mm)
JAN 13 - 19, 2019

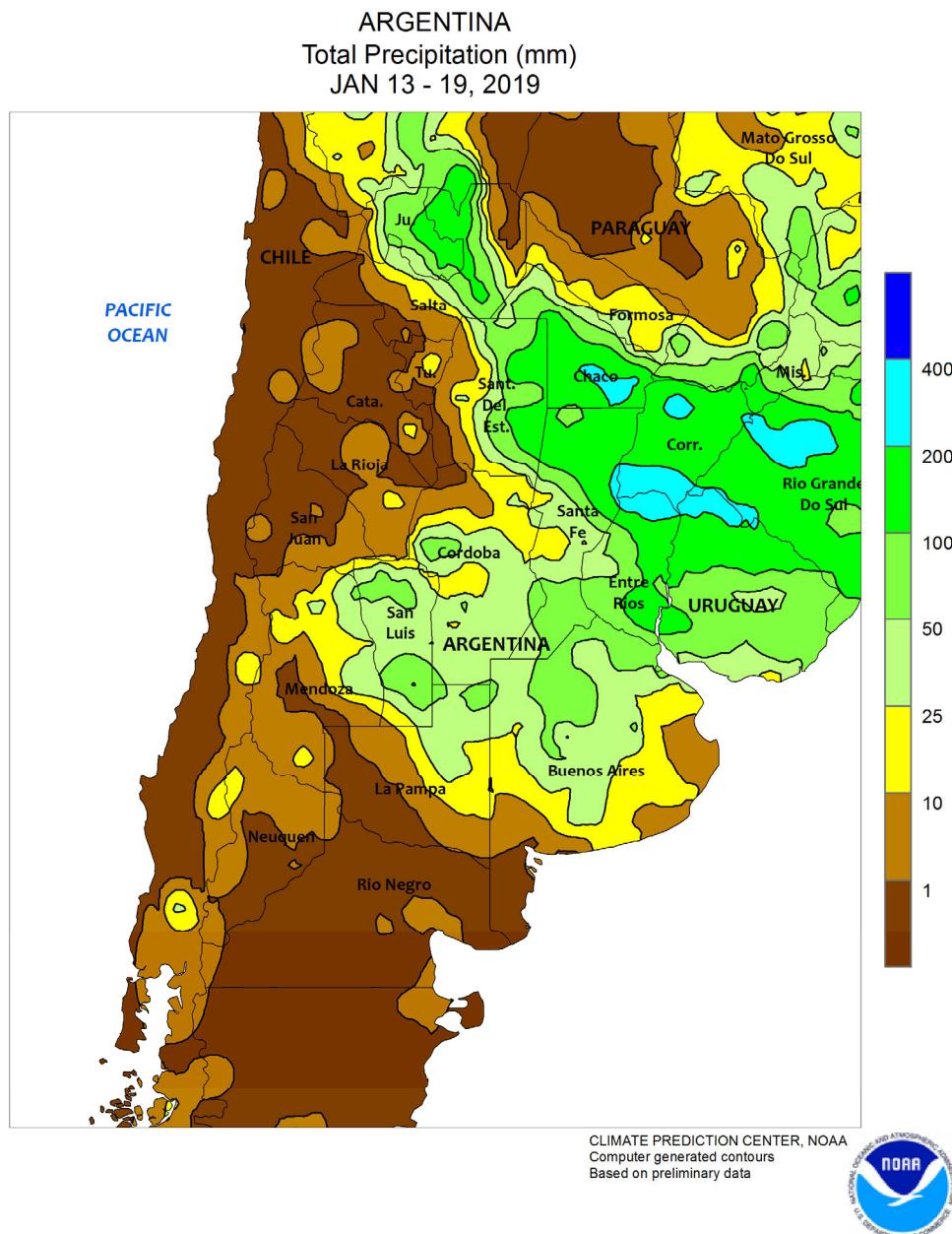


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Computer generated contours
Based on preliminary data

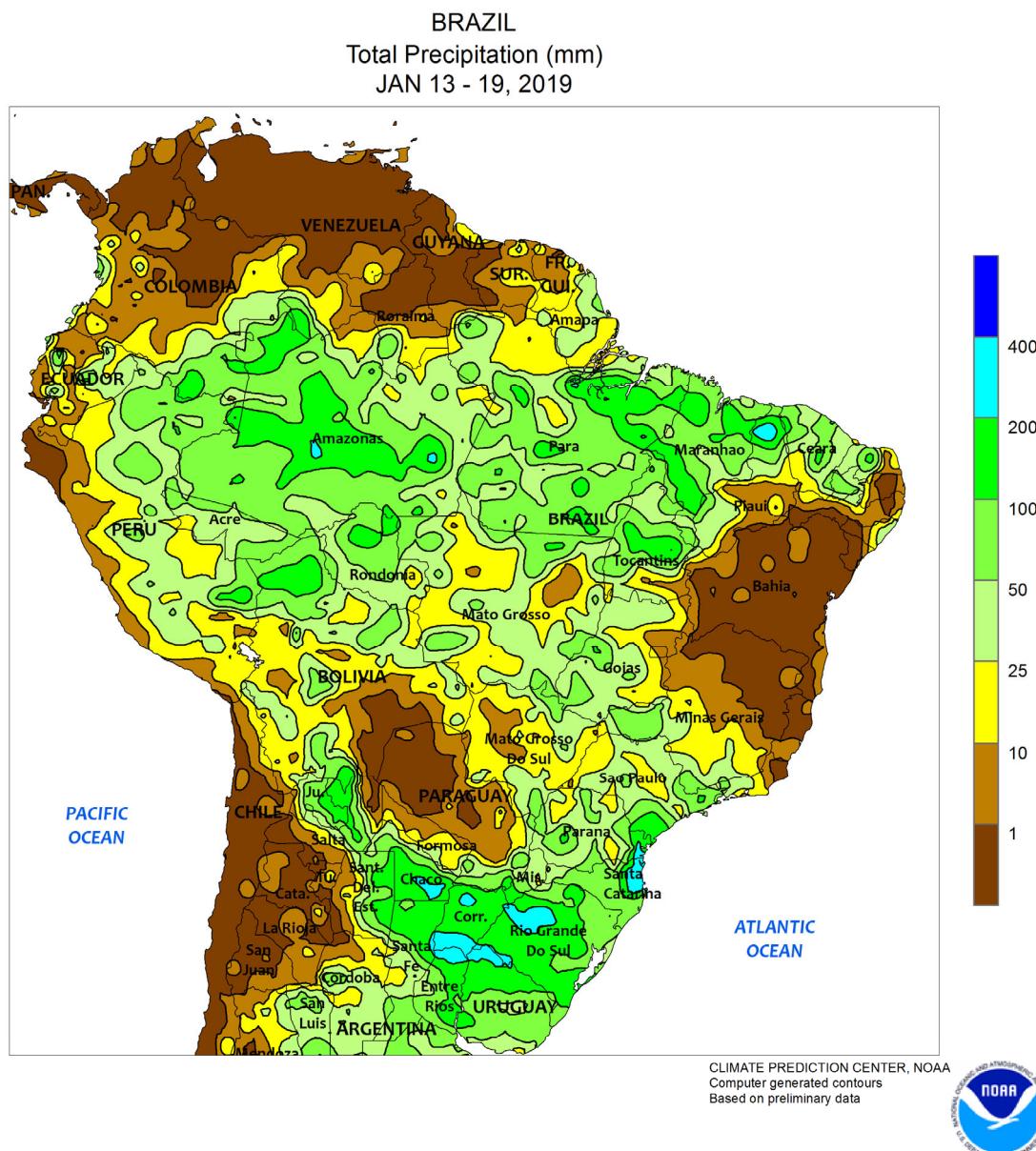


SOUTH AFRICA

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**ARGENTINA**

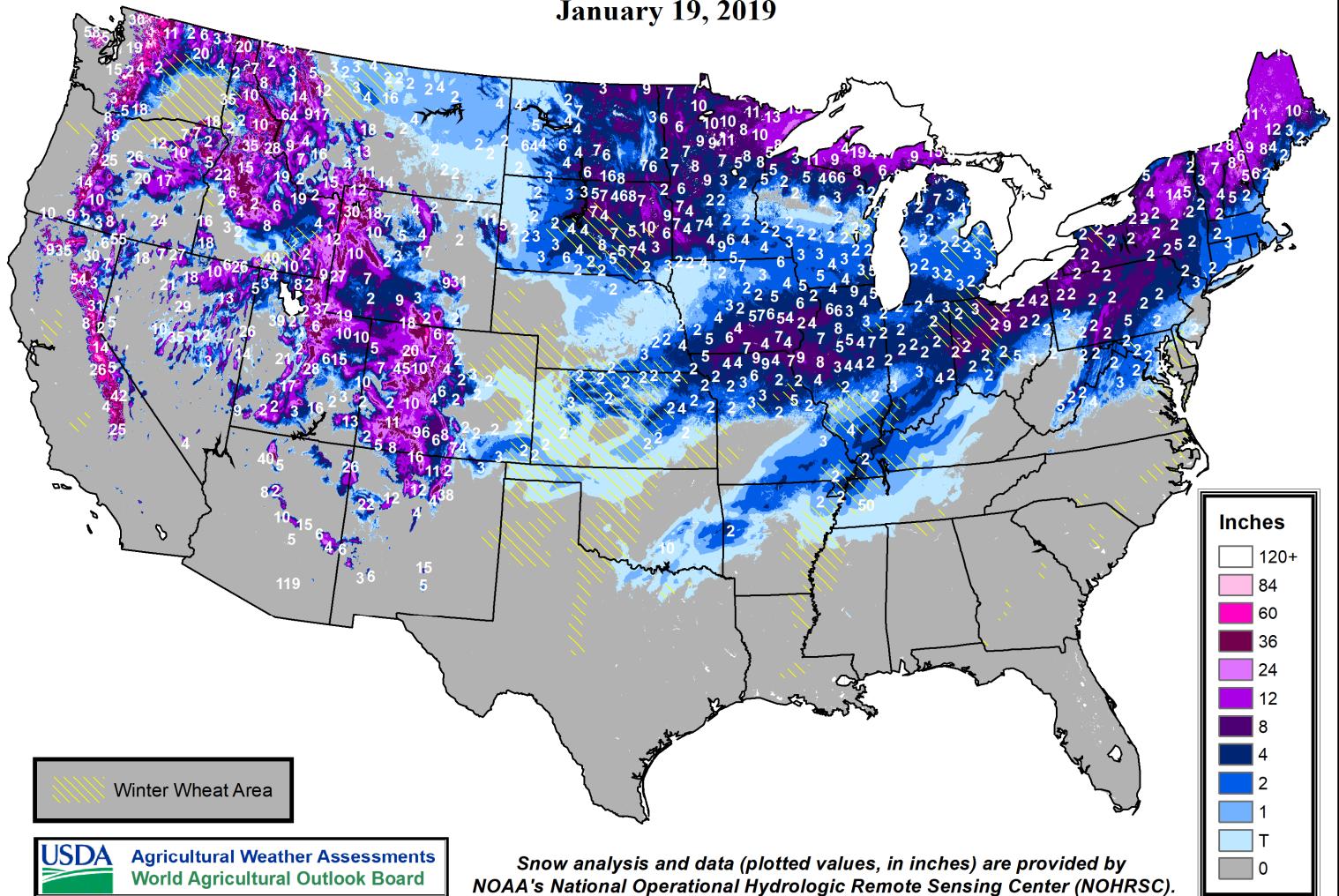
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**BRAZIL**

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Snow Depth

January 19, 2019



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