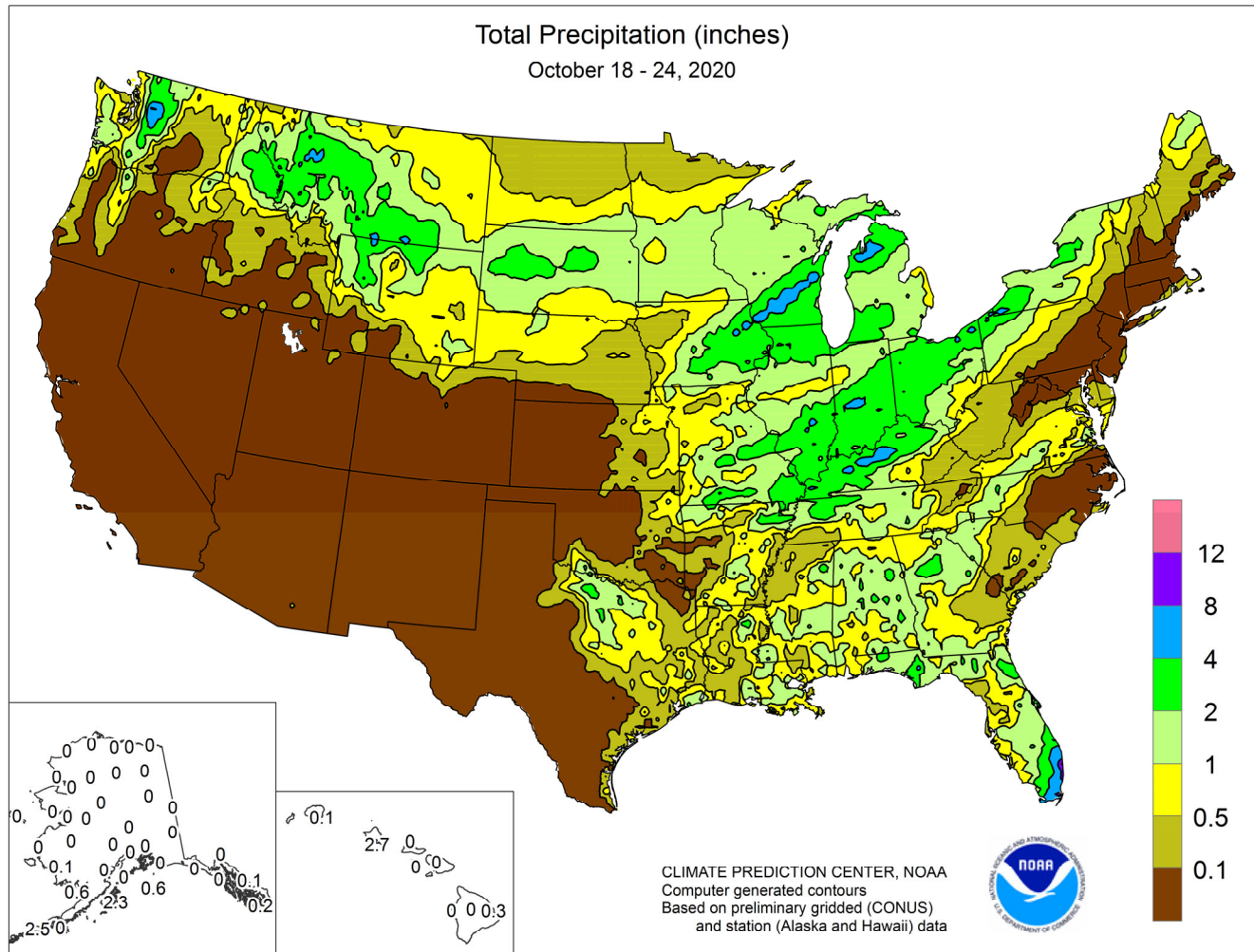


WEEKLY WEATHER AND CROP BULLETIN

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

October 18 – 24, 2020

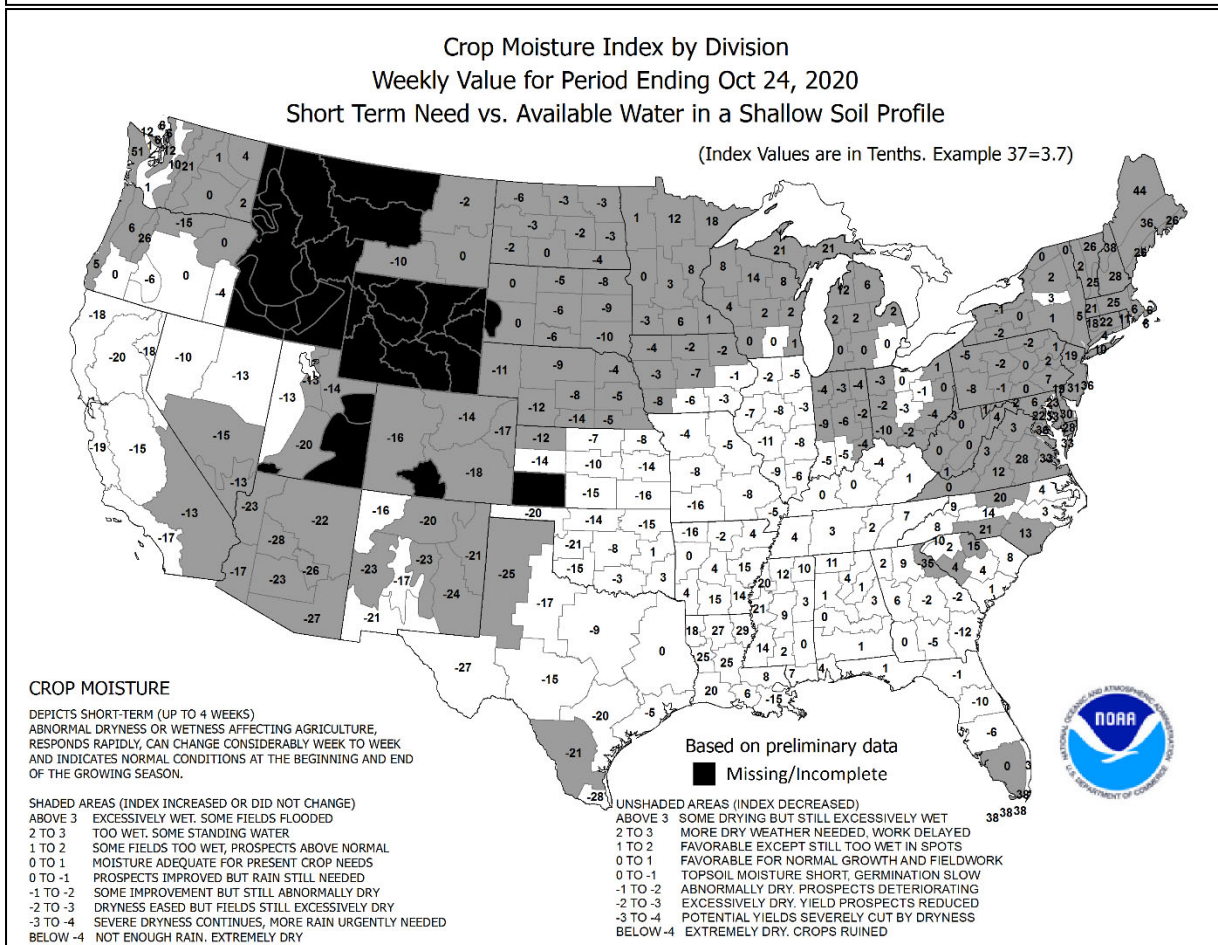
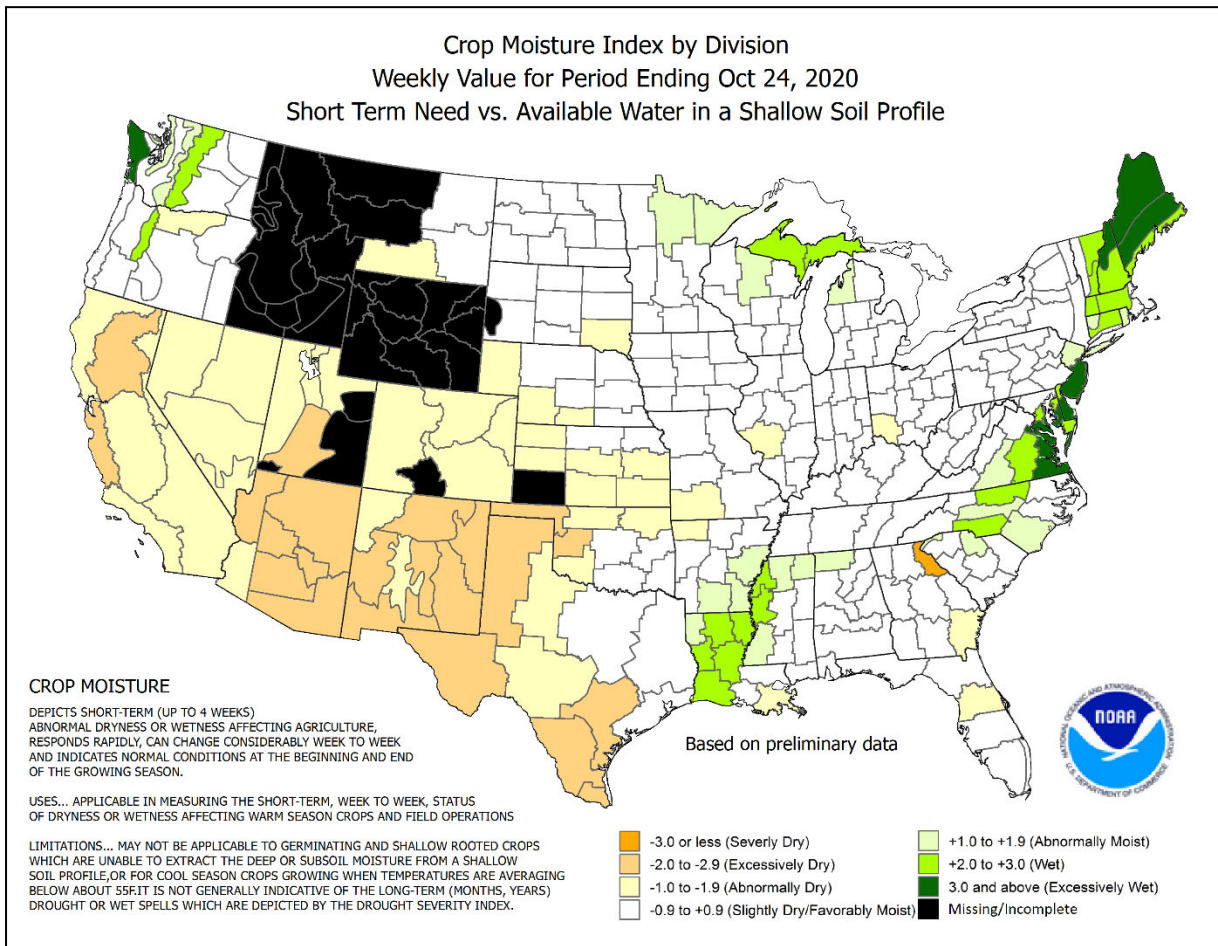
Highlights provided by USDA/WAOB

Historically cold weather (for so early in the season) and winter-like storms curtailed fieldwork and winter wheat growth across the **North**, while locally heavy precipitation (rain and snow) sharply slowed a previously rapid corn and soybean harvest pace in the **Midwest**. However, **Northern** precipitation boosted topsoil moisture and—in areas where snow accumulated—provided insulation for emerging winter wheat. Weekly temperatures averaged more than 20°F below normal in parts of **Montana** and the **western Dakotas**—and were at least 10°F below normal

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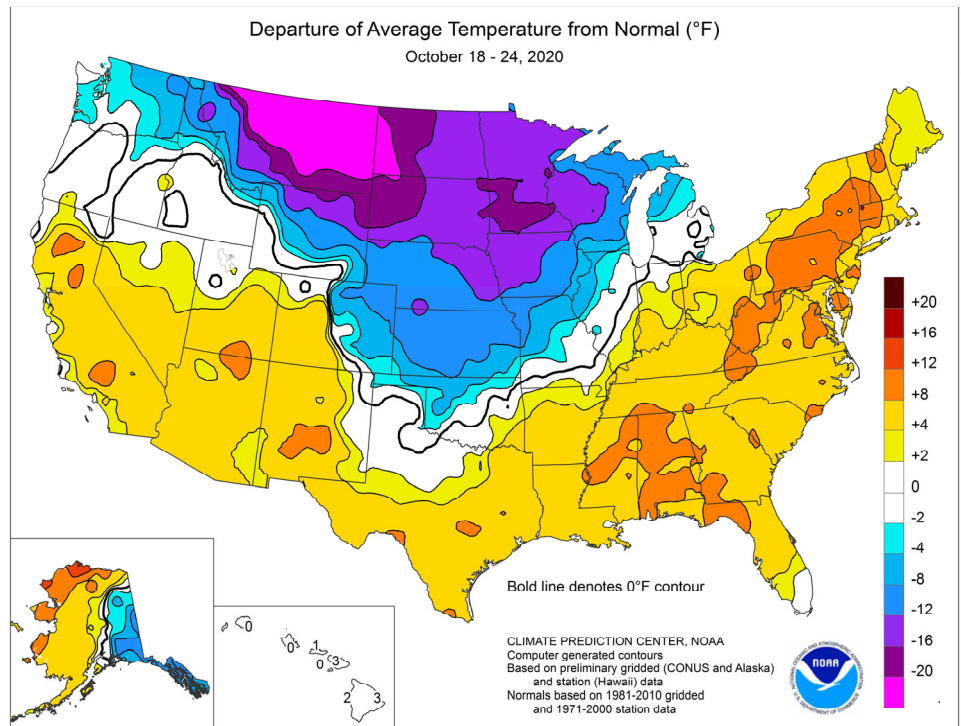


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in a broader area covering the **northern half of the Plains** and the **upper Midwest**. Temperatures remained below 40°F all week in many locations from **Montana into the upper Great Lakes region** and plunged below 0°F toward week's end in **northern sections of the Rockies and High Plains**. Meanwhile, mostly dry weather persisted through week's end from **California to the central and southern High Plains**, maintaining stress on rangeland, pastures, and winter wheat. Near **Lake Granby, CO**, high winds fanned the East Troublesome Fire, which ignited on October 14 and exploded in size to more than 192,000 acres. So far this year, **Colorado** has experienced its three largest wildfires in modern history, while **California** has endured five of its six largest blazes. Weekly temperatures averaged as much as 10°F above normal in scattered locations across **northern California, southern Texas, the Four Corners region, the South, and the East**. Elsewhere, occasional **Southern** showers caused local harvest delays, following a brief period of favorable weather. From late August into mid-October, a wet weather pattern (highlighted by Tropical Storm Beta and Hurricanes Laura, Sally, and Delta) has limited **Southern** fieldwork and caused local degradation in crop quality.

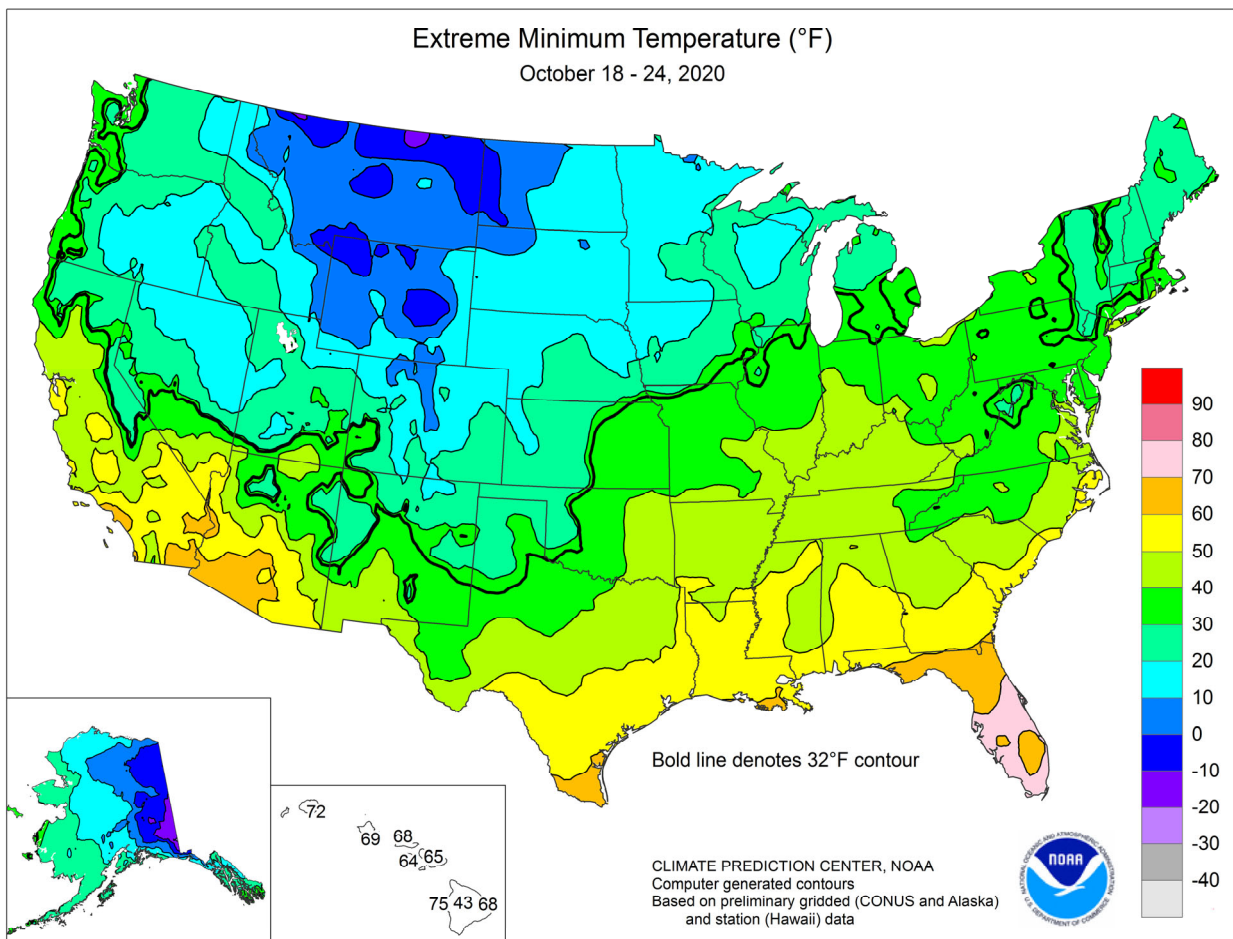
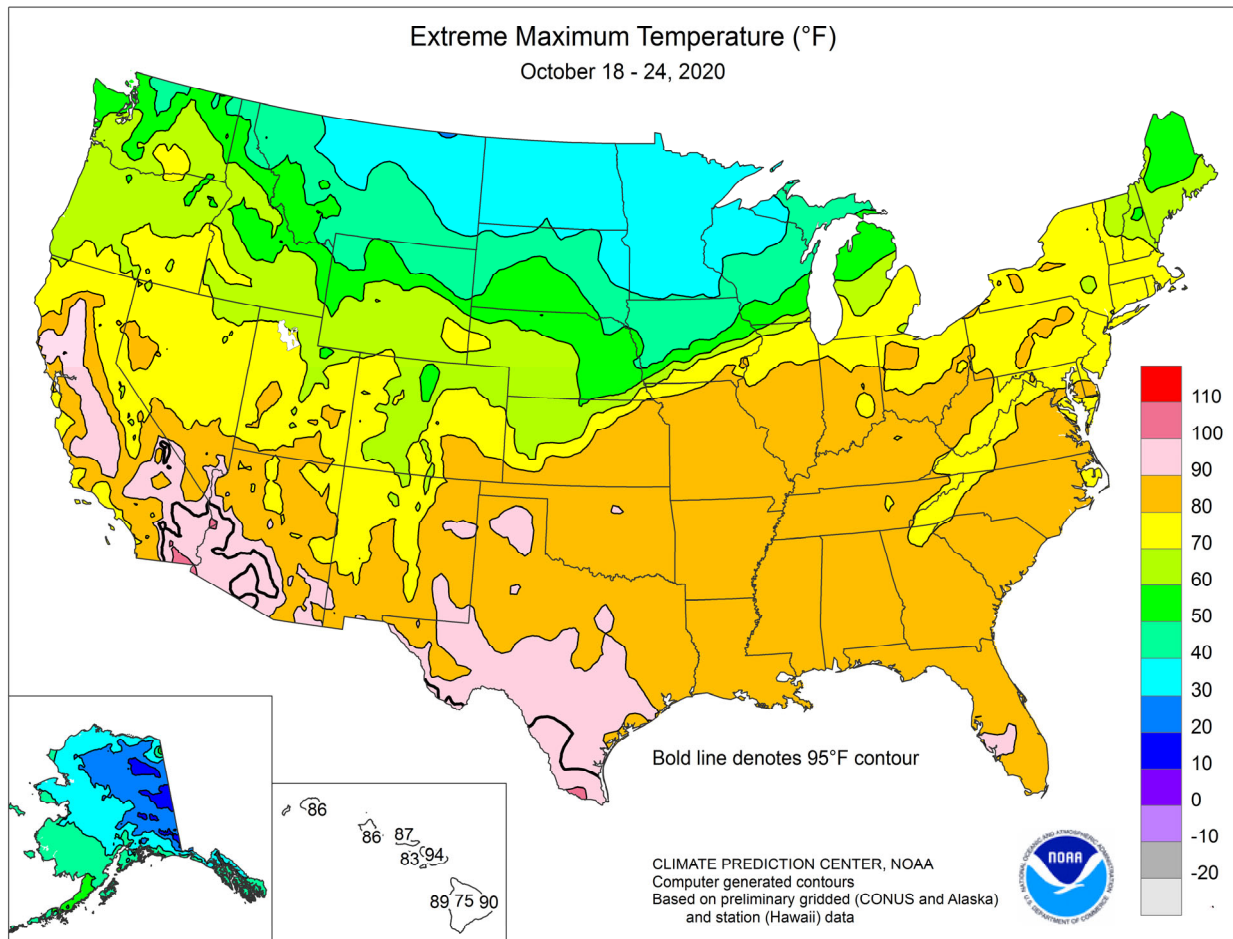
Cold conditions, already in place in the **north-central U.S.** as the week began, continued to surge southward and further intensify. On October 20, **International Falls, MN**, posted a daily-record low of 10°F. Two days later, on October 22, **Glasgow, MT**, recorded its second-earliest reading of 0°F, behind only October 19, 1905. In fact, Glasgow logged consecutive daily-record lows (0 and -4°F, respectively) on October 22-23. Several **Montana** locations, including Billings (20, 10, 7, and 5°F) and **Livingston** (7, 3, 6, and 5°F) tallied four consecutive daily-record lows from October 22-25. Sub-zero, daily-record lows on October 23 plunged to -5°F in **Havre, MT**, and **Casper, WY**. On the 24th, **Cut Bank, MT** (-10°F), experienced its coldest October day since 1991, when lows of -14°F occurred on October 29 and 30. At week's end, frigid weather extended into the **Midwest**, where record-setting lows for October 24 fell to 15°F in **Sioux City, IA**, and **Sioux Falls, SD**. On the same date in **Kansas**, daily-record lows dipped to 16°F in **Tribune** and 19°F in **Colby** and **Goodland**. Starting on October 18, **Rochester, MN**, endured its longest October spell with the temperature remaining below 40°F (previously, 6 days from October 22-27, 1887). In contrast, warmth lingered in the **South, East, and West**. **Paso Robles, CA**, collected a daily-record high of 98°F on October 18. Consecutive daily-record highs occurred on October 18-19 in **California** locations such as **Palmdale** (93 and 95°F) and **Lancaster** (94 and 95°F). **Red Bluff, CA**, notched a daily-record high of 96°F on October 20. In **New Mexico**, **Roswell** noted several daily-record highs, including a reading of 92°F on October 22. Farther east, daily-record highs soared to 89°F (on October 21) in **Vicksburg, MS**; 86°F (on October 22) in **St. Louis, MO**; 83°F (on October 23) in **Erie, PA**; and 81°F (on October 23) in **Buffalo, NY**.

During the 10 days from October 16-25, snowfall in **Montana** totaled 28.0 inches in **Great Falls** and 25.4 inches in **Helena**. On October 17-18, **Great Falls** received 10.3 inches of snow in a 24-hour period; the previous October record in that location had been 8.3 inches on October 3-4, 1957. In addition, **Great Falls** set an October record with 10 inches of snow on the ground on October 19; the previous earliest depth of 10 inches or greater had been achieved on November 9, 2012. **Midwestern**



weekly (October 18-24) snowfall totals included 12.3 inches in **Mobridge, SD**; 10.2 inches in **Aberdeen, SD**; 8.7 inches in **Minneapolis-St. Paul (MSP), MN**; and 7.2 inches in **Eau Claire, WI**. October 20 snowfall totals reached 7.9 inches at **MSP** and 6.9 inches in **Eau Claire**; in the latter location it was the snowiest October day on record, surpassing 5.0 inches on October 18, 1925. Another round of heavy snow on October 22 dumped daily-record amounts in **South Dakota** locations such as **Aberdeen** (7.2 inches), **Mobridge** (5.9 inches), and **Sisseton** (4.7 inches). **Helena, MT**, reported a daily-record snowfall of 8.7 inches on October 23. Elsewhere on the 23rd, **Spokane, WA**, experienced its snowiest October day; the 6.9-inch total exceeded 5.9 inches on October 22, 1957. Farther east, locally heavy rain affected several areas. On October 19, daily-record totals reached 3.93 inches in **Paducah, KY**, and 1.49 inches in **Cape Girardeau, MO**. Three days later, on October 22, daily-record **Midwestern** totals included 3.07 inches in **Traverse City, MI**; 2.94 inches in **Waterloo, IA**; and 2.72 inches in **Green Bay, WI**. It was the wettest October day on record in **Traverse City** (previously, 2.30 inches on October 23, 2017) and **Waterloo** (previously, 2.65 inches on October 29, 1961). Toward week's end, heavy showers shifted southward; daily-record amounts totaled 3.36 inches (on October 23) in **Monroe, LA**, and 1.32 inches (on October 24) in **Knoxville, TN**.

Cold, dry conditions lingered in **eastern Alaska**, while above-normal temperatures—accompanied by mostly dry weather—returned across **northern and western sections of the state**. By October 23-24, **Bethel** posted consecutive daily-record highs (48 and 47°F, respectively). Meanwhile in **southeastern Alaska**, chilly weather resulted in several daily-record lows, including 24°F (on October 21) in **Juneau**. **Sitka** closed the week (on October 23-24) with a pair of daily-record lows (29 and 28°F, respectively). Farther south, very warm weather prevailed in **Hawaii**, especially from **Maui eastward**. On the **Big Island**, **Hilo** notched several daily-record highs, including a reading of 90°F on October 22. Meanwhile on **Maui**, **Kahului** set a record with 23 October days having a high temperature of 90°F or greater. Previously, **Kahului's** October record had been 21 such days in 1984 and 2019. In addition, **Kahului's** month-to-date rainfall through October 24 totaled just 0.11 inch (13 percent of normal). In contrast, **Honolulu, Oahu**, netted 2.26 inches of rain—most of which fell in an hour—on October 21, representing its wettest day since March 17.



National Weather Data for Selected Cities

Weather Data for the Week Ending October 24, 2020

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 SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP		
																	90 AND ABOVE	32 AND BELOW	01 INCH OR MORE	50 INCH OR MORE	
AK	ANCHORAGE	38	27	39	21	32	0	0.05	-0.34	0.05	2.37	50	13.99	99	85	51	0	6	1	0	
	BARROW	31	26	36	17	28	14	0.11	0.02	0.08	0.96	87	4.24	97	91	78	0	6	3	0	
	FAIRBANKS	24	11	27	0	17	-3	0.19	0.00	0.18	1.57	86	11.00	115	86	70	0	7	2	0	
	JUNEAU	39	27	42	21	33	-8	0.23	-1.67	0.18	7.58	48	54.41	111	82	42	0	6	2	0	
	KODIAK	48	38	49	31	43	4	2.30	0.45	2.00	16.02	115	39.73	65	86	60	0	1	4	1	
AL	NOME	41	33	44	28	37	11	0.26	-0.07	0.12	4.44	118	14.74	103	92	68	0	2	4	0	
	BIRMINGHAM	81	61	85	53	71	9	1.13	0.38	1.13	4.42	67	64.91	148	88	55	0	0	1	1	
	HUNTSVILLE	79	57	83	50	68	7	0.48	-0.33	0.44	6.63	103	61.15	143	94	59	0	0	2	0	
	MOBILE	84	64	85	54	74	7	0.41	-0.39	0.41	7.28	92	50.29	91	97	57	0	0	1	0	
	MONTGOMERY	84	63	87	54	73	9	0.83	0.20	0.83	7.85	126	59.07	137	93	55	0	0	1	1	
AR	FORT SMITH	74	55	87	48	65	3	0.17	-0.87	0.17	7.58	102	49.47	134	92	60	0	0	1	0	
	LITTLE ROCK	77	56	85	46	67	5	0.83	-0.41	0.69	4.81	69	50.05	130	95	64	0	0	3	1	
AZ	FLAGSTAFF	71	34	75	30	53	8	0.00	-0.35	0.00	0.00	0	8.63	48	57	16	0	2	0	0	
	PHOENIX	95	67	97	65	81	6	0.00	-0.13	0.00	0.00	0	4.64	71	33	14	6	0	0	0	
	PRESCOTT	79	45	82	44	62	7	0.00	-0.19	0.00	0.03	1	6.49	54	52	14	0	0	0	0	
CA	TUCSON	93	62	95	60	77	8	0.00	-0.16	0.00	0.00	0	3.85	38	30	9	7	0	0	0	
	BAKERSFIELD	85	60	93	57	73	7	0.00	-0.09	0.00	0.00	0	4.76	98	54	22	2	0	0	0	
	EUREKA	61	44	69	38	53	-1	0.00	-0.59	0.00	1.28	62	18.63	71	96	77	0	0	0	0	
	FRESNO	85	59	92	55	72	8	0.00	-0.16	0.00	0.00	0	4.66	54	59	23	2	0	0	0	
	LOS ANGELES	71	64	74	63	67	2	0.00	-0.13	0.00	0.00	0	7.37	77	84	64	0	0	0	0	
CO	REDDING	86	57	95	43	72	10	0.00	-0.57	0.00	0.00	0	14.17	61	43	13	4	0	0	0	
	SACRAMENTO	84	53	92	49	68	6	0.00	-0.26	0.00	0.00	0	4.75	36	79	20	1	0	0	0	
	SAN DIEGO	75	67	79	65	71	5	0.00	-0.15	0.00	0.00	0	7.01	90	74	55	0	0	0	0	
	SAN FRANCISCO	76	55	82	52	65	4	0.00	-0.24	0.00	0.00	0	4.30	30	87	44	0	0	0	0	
	STOCKTON	85	53	92	49	69	7	0.00	-0.22	0.00	0.00	0	4.14	41	77	24	3	0	0	0	
CT	ALAMOSA	73	26	74	21	49	8	0.00	-0.17	0.00	0.01	0	2.94	46	60	10	0	7	0	0	
	CO SPRINGS	64	31	78	20	48	0	0.00	-0.19	0.00	0.35	18	9.06	57	75	25	0	4	0	0	
	DENVER INTL	58	27	78	20	42	-7	0.00	-0.24	0.00	0.98	53	7.67	57	83	34	0	5	0	0	
	GRAND JUNCTION	73	39	78	31	56	5	0.00	-0.23	0.00	1.20	59	4.28	53	39	14	0	1	0	0	
	PUEBLO	64	27	83	19	46	-5	0.00	-0.17	0.00	0.75	54	4.68	39	76	27	0	6	0	0	
DC	BRIDGEPORT	68	54	72	42	61	8	0.01	-0.80	0.01	5.89	93	32.71	93	95	69	0	0	1	0	
	HARTFORD	70	48	78	31	59	9	0.03	-0.93	0.03	6.16	83	27.35	72	94	58	0	1	1	0	
DE	WASHINGTON	75	57	80	45	66	8	0.01	-0.74	0.01	7.50	118	43.91	134	96	59	0	0	1	0	
FL	WILMINGTON	72	52	78	36	62	8	0.00	-0.71	0.00	5.40	77	38.90	108	98	66	0	0	0	0	
	DAYTONA BEACH	85	74	86	72	80	7	0.44	-0.37	0.18	10.92	104	39.36	90	95	69	0	0	6	0	
	JACKSONVILLE	82	68	84	60	75	6	0.61	-0.04	0.39	11.10	95	49.41	105	98	71	0	0	5	0	
	KEY WEST	84	75	88	73	79	0	5.27	4.25	1.96	19.70	182	43.40	125	92	73	0	0	7	4	
	MIAMI	85	74	88	72	80	1	5.49	4.32	2.48	21.27	140	71.87	129	91	68	0	0	5	3	
GA	ORLANDO	85	72	86	70	79	4	1.52	0.85	0.99	13.43	151	46.86	103	98	64	0	0	5	1	
	PENSACOLA	83	68	87	62	76	8	1.00	-0.14	1.00	9.29	92	52.96	96	94	63	0	0	1	1	
	TALLAHASSEE	86	68	88	62	77	9	1.09	0.42	0.55	10.79	149	52.37	102	93	54	0	0	2	2	
	TAMPA	89	74	92	73	82	7	0.66	0.24	0.37	7.07	86	38.31	91	80	48	3	0	4	0	
	WEST PALM BEACH	82	74	85	70	78	0	6.77	5.70	3.12	19.49	156	60.10	113	93	72	0	0	6	4	
HI	ATHENS	81	57	85	46	69	7	1.61	0.88	1.61	8.46	124	54.11	142	89	50	0	0	1	1	
	ATLANTA	79	59	82	49	69	7	2.48	1.79	2.48	12.92	179	61.18	149	89	55	0	0	1	1	
	AUGUSTA	83	57	86	48	70	8	0.05	-0.65	0.05	6.74	114	51.64	140	96	47	0	0	1	0	
	COLUMBUS	82	63	84	54	73	8	1.72	1.18	1.70	11.29	224	60.27	159	89	55	0	0	2	1	
	MACON	83	56	86	48	69	6	0.27	-0.32	0.27	9.01	156	52.08	138	95	54	0	0	1	0	
IA	SAVANNAH	83	65	87	57	74	8	0.83	0.11	0.41	7.59	98	44.90	107	92	60	0	0	3	0	
	HILO	87	71	90	68	79	3	0.33	-1.88	0.19	11.84	69	86.93	89	84	53	1	0	2	0	
	HONOLULU	84	75	86	69	80	0	2.69	2.22	2.26	3.31	162	13.23	120	87	65	0	0	6	1	
	KAHULUI	92	71	94	65	81	3	0.00	-0.33	0.00	0.39	30	11.06	91	74	42	5	0	0	0	
	LIHUE	84	73	86	72	78	0	0.13	-0.83	0.13	3.65	74	33.98	129	93	67	0	0	1	0	
ID	BURLINGTON	53	39	81	34	46	-8	0.96	0.30	0.58	5.37	90	24.65	74	94	62	0	0	5	1	
	CEDAR RAPIDS	45	32	59	28	38	-11	2.48	1.92	1.24	8.14	157	26.83	87	98	69	0	4	6	2	
	DES MOINES	44	32	53	25	38	-13	3.71	3.09	2.15	8.01	157	28.87	90	93	68	0	4	6	2	
	DUBUQUE	47	34	56	30	40	-8	3.06	2.46	1.45	11.44	209	33.71	107	93	63	0	2	6	2	
	SIOUX CITY	41	28	52	15	34	-14	0.20	-0.22	0.13	2.54	53	17.12	68	90	61	0	5	3	0	
IL	WATERLOO	43	33	49	23	38	-10	3.09	2.53	2.94	8.31	181	33.82	109	85	57	0	2	4	1	
	BOISE	61	37	71	29	49	-2	0.03	-0.15	0.03	0.44	39	11.24	128	74	26	0	3	1	0	
	LEWISTON	53	40	70	28	47	-3	0.61	0.37	0.47	1.22	87	12.34	123	84	45	0	3	4	0	
IN	POCATELLO	57	36	68	16	47	2	0.03	-0.17	0.03	0.72	46	9.21	95	64	28	0	3	1	0	
	CHICAGO/O_HARE	60	40	78	34	50	-1	3.06	2.35	1.68	6.76	121	33.89	110	88	56	0	0	6	2	
	MOLINE	55	38	80	32	46	-5	1.76	1.08	1.31	8.56	160	28.78	88	91	60	0	1	6	1	
	PEORIA	60	41	81	35	50	-2	1.36	0.70	0.59	7.72	146	37.28	123	91	56	0	0	5	2	
	ROCKFORD	56	37	71	32	47	-3	1.86	1.28	0.88	8.83	164	30.76	99	88	54	0	1	6	1	
KS	SPRINGFIELD	61	43	83	33	52	-2	1.12	0.37	0.52	3.34	63	34.35	111	97	61	0	0	5	1	
	EVANSVILLE	70	51	85	45	61	5	1.63	0.87	1.35	4.18	75	50.44	138	88	60	0	0	4	1	
	FORT WAYNE	63	44	78	35	53	3	3.37	2.75	1.38	7.61	151	31.2								

Weather Data for the Week Ending October 24, 2020

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 SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP		
																	90 AND ABOVE	32 AND BELOW	01 INCH OR MORE	50 INCH OR MORE	
KY	WICHITA	57	41	87	35	49	-7	0.07	-0.55	0.05	1.69	31	23.91	81	90	60	0	0	3	0	
	LEXINGTON	67	53	79	44	60	5	2.78	2.07	1.64	7.20	137	41.60	112	93	69	0	0	5	2	
	LOUISVILLE	71	54	84	48	62	5	2.52	1.81	1.61	5.72	103	45.54	124	92	62	0	0	4	1	
LA	PADUCAH	70	53	84	46	62	4	4.87	3.97	3.96	10.22	149	50.12	127	92	65	0	0	4	2	
	BATON ROUGE	85	65	89	56	75	3	0.46	-0.59	0.46	11.31	124	59.30	116	97	57	0	0	1	0	
	LAKE CHARLES	82	65	87	58	74	5	0.73	-0.52	0.72	2.94	33	39.15	84	100	67	0	0	2	1	
MA	NEW ORLEANS	84	70	87	62	77	7	1.11	0.30	1.11	3.56	46	58.81	113	92	62	0	0	1	1	
	SHREVEPORT	82	63	88	53	73	8	0.13	-1.14	0.13	5.15	74	50.91	124	89	56	0	0	1	0	
	BOSTON	64	49	70	40	56	4	0.06	-0.83	0.06	4.54	70	26.52	75	96	68	0	0	1	0	
MD	WORCESTER	66	48	75	39	57	9	0.01	-1.02	0.01	6.30	82	32.19	82	95	61	0	0	1	0	
	BALTIMORE	75	53	79	38	64	9	0.00	-0.71	0.00	6.44	97	44.62	130	96	58	0	0	0	0	
	CARIBOU	55	37	58	31	46	4	0.92	0.13	0.33	7.90	131	27.69	90	88	60	0	2	5	0	
ME	PORTLAND	60	44	63	30	52	5	0.01	-1.13	0.01	4.17	56	29.85	80	100	70	0	1	1	0	
	ALPENA	50	33	55	27	42	-3	1.80	1.26	0.63	5.75	116	31.34	132	98	59	0	3	5	2	
	GRAND RAPIDS	56	38	68	33	47	-2	1.73	1.03	0.63	5.72	84	31.59	100	97	63	0	0	5	2	
MI	HOUGHTON LAKE	50	32	59	24	41	-3	1.81	1.26	0.93	4.67	92	22.68	98	94	61	0	4	5	1	
	LANSING	56	37	70	30	47	-2	1.91	1.38	1.00	7.14	131	32.50	122	94	60	0	1	6	1	
	MUSKEGON	58	39	71	33	49	0	1.74	1.06	0.64	6.36	101	31.97	119	86	57	0	0	6	1	
MN	TRAVERSE CITY	49	35	57	29	42	-4	4.71	4.03	3.30	8.93	149	31.25	115	89	61	0	2	5	2	
	DULUTH	33	26	34	21	29	-12	0.82	0.24	0.48	3.67	56	18.37	67	86	63	0	7	3	0	
	INT_L FALLS	34	19	36	10	27	-13	0.17	-0.26	0.11	4.34	93	19.98	92	89	57	0	7	4	0	
MO	MINNEAPOLIS	35	28	36	24	31	-15	1.03	0.53	0.81	3.31	65	27.80	102	91	63	0	7	4	1	
	ROCHESTER	35	25	39	19	30	0	0.70	0.24	0.37	3.64	69	28.19	95	92	66	0	7	3	0	
	ST. CLOUD	33	24	35	20	29	-15	0.83	0.33	0.59	4.13	75	22.99	91	92	67	0	7	4	1	
MS	COLUMBIA	60	44	85	39	52	-3	0.78	0.05	0.27	5.66	87	43.76	120	89	63	0	0	4	0	
	KANSAS CITY	53	39	86	36	46	-9	0.72	0.05	0.71	2.22	31	31.27	90	87	61	0	0	2	1	
	SAINT LOUIS	63	47	86	42	55	-2	2.17	1.40	1.07	3.14	55	43.63	130	87	63	0	0	5	1	
MT	SPRINGFIELD	64	47	85	39	56	-1	0.63	-0.20	0.28	2.26	30	42.25	112	98	69	0	0	4	0	
	JACKSON	83	60	88	52	72	8	1.02	0.09	0.94	7.02	116	63.29	145	96	55	0	0	2	1	
	MERIDIAN	84	59	87	47	71	9	1.60	0.72	1.43	4.58	73	58.82	129	94	54	0	0	3	1	
NC	TUPELO	81	60	86	53	70	9	1.87	0.93	1.67	7.22	108	61.47	142	91	55	0	0	2	1	
	BILLINGS	31	20	42	7	26	-21	1.59	1.35	0.52	2.86	124	12.57	101	92	75	0	7	6	1	
	BUTTE	39	22	53	6	31	-9	0.37	0.21	0.20	1.26	75	9.33	80	85	53	0	5	5	0	
ND	CUT BANK	22	10	31	-10	16	-25	0.25	0.17	0.08	1.09	67	6.68	64	90	75	0	7	5	0	
	GLASGOW	28	11	36	-4	19	-23	0.59	0.44	0.24	2.03	124	10.82	99	87	63	0	7	4	0	
	GREAT FALLS	26	14	38	3	20	-24	1.70	1.52	0.60	2.54	117	13.56	100	91	77	0	7	7	1	
NE	HAVRE	27	13	36	-5	20	-22	0.33	0.22	0.17	2.44	152	8.76	84	92	74	0	7	6	0	
	MISSOULA	41	28	53	11	35	-8	1.73	1.54	0.69	3.36	180	13.33	111	98	59	0	4	6	1	
	ASHEVILLE	75	47	79	34	61	6	0.51	-0.11	0.49	11.04	182	54.11	143	100	49	0	0	2	0	
NH	CHARLOTTE	79	53	84	42	66	7	0.00	-0.74	0.00	8.94	151	45.21	131	97	48	0	0	0	0	
	GREENSBORO	76	52	81	40	64	6	0.00	-0.69	0.00	7.22	110	50.46	143	98	51	0	0	0	0	
	HATTERAS	77	65	82	62	71	6	0.68	-0.56	0.34	11.95	114	59.75	125	97	73	0	0	3	0	
NJ	RALEIGH	79	55	83	40	67	7	0.00	-0.70	0.00	7.38	107	44.45	122	100	55	0	0	0	0	
	WILMINGTON	82	61	84	50	72	8	0.00	-0.77	0.00	12.87	115	61.96	123	95	55	0	0	0	0	
	BISMARCK	33	22	39	14	28	-15	0.49	0.21	0.22	1.30	50	8.15	49	88	60	0	7	4	0	
NM	DICKINSON	29	14	36	4	21	-21	0.04	-0.22	0.02	1.28	50	7.85	52	90	66	0	7	2	0	
	FARGO	33	24	35	13	28	-15	0.60	0.13	0.41	1.93	44	18.49	90	85	64	0	7	2	0	
	GRAND FORKS	35	22	37	16	29	-12	0.20	-0.22	0.20	0.64	17	14.07	74	80	50	0	7	1	0	
NV	JAMESTOWN	32	22	35	14	27	-15	0.19	-0.14	0.15	0.43	13	10.86	62	85	61	0	7	2	0	
	GRAND ISLAND	46	34	61	28	40	-10	0.01	-0.39	0.01	0.21	5	19.17	78	82	54	0	2	1	0	
	LINCOLN	45	31	51	19	38	-13	0.07	-0.36	0.03	1.89	41	20.73	79	88	59	0	3	3	0	
NY	NORFOLK	42	28	51	14	35	-14	0.19	-0.24	0.09	1.99	45	16.24	65	87	57	0	3	3	0	
	NORTH PLATTE	47	29	65	18	38	-9	0.24	-0.12	0.19	0.88	32	13.89	73	87	54	0	5	3	0	
	OMAHA	44	31	49	21	38	-14	0.37	-0.11	0.24	2.55	58	14.63	53	96	65	0	2	5	0	
OH	SCOTTSBLUFF	49	28	75	19	38	-8	0.26	0.00	0.17	0.86	41	7.97	55	93	55	0	6	3	0	
	VALENTINE	43	28	60	18	36	-11	0.37	0.12	0.21	1.20	44	15.67	84	85	58	0	4	6	0	
	CONCORD	65	42	72	28	53	7	0.09	-0.82	0.09	4.19	64	22.78	69	98	60	0	2	1	0	
PA	ATLANTIC_CITY	72	51	77	36	62	7	0.21	-0.54	0.12	7.19	125	39.86	117	98	69	0	0	2	0	
	NEWARK	69	54	73	39	62	7	0.02	-0.77	0.02	6.23	94	37.10	97	96	68	0	0	1	0	
	ALBUQUERQUE	79	46	81	40	62	7	0.00	-0.23	0.00	0.66	33	5.47	65	33	11	0	0	0	0	
RI	ELY	69	26	75	13	48	4	0.00	-0.23	0.00	0.04	2	4.30	50	53	14	0	7	0	0	
	LAS VEGAS	86	63	90	59	74	7	0.00	-0.08	0.00	0.00	0	2.35	66	24	10	1	0	0	0	
	RENO	73	40	81	34	56	4	0.00	-0.11	0.00	0.00	0	1.92	34	60	17	0	0	0	0	
TN	WINNEMUCCA	68	29	77	17	49	3	0.00	-0.15	0.00	0.22	22	4.83	74	56	16	0	6	0	0	
	ALBANY	64	43	72	30	54	6	0.13	-0.67	0.07	3.94	64	27.54	85	99	66	0	1	2	0	
	BINGHAMTON	64	47	74	35	56	9	0.65	-0.06	0.29	3.83	62	38.86	120	96	65	0	0	3	0	
TX	BUFFALO	60	47	81	39	53	4	1.89	1.16	0.49	6.89	103	31.87	100	90	64	0	0	6	0	
	ROCHESTER	61	45	80	38	53	4	1.79	1.21												

Weather Data for the Week Ending October 24, 2020

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 SEP 1	PCT. NORMAL SINCE SEP 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
OK	TOLEDO	63	45	81	35	54	3	1.84	1.28	0.49	4.01	83	25.96	92	88	57	0	0	6	0
	YOUNGSTOWN	65	48	79	32	56	7	2.29	1.70	0.98	9.31	158	40.69	127	89	62	0	1	5	3
	OKLAHOMA CITY	70	46	85	39	58	-3	0.00	-0.84	0.00	2.56	36	27.81	87	92	55	0	0	0	0
	TULSA	68	49	87	42	59	-2	0.99	0.06	0.91	4.78	65	36.24	104	93	64	0	0	4	1
OR	ASTORIA	57	43	61	34	50	-2	1.11	-0.46	0.46	7.32	116	47.18	106	97	66	0	0	6	0
	BURNS	61	27	72	16	44	1	0.02	-0.19	0.02	0.37	36	6.11	74	83	28	0	4	1	0
	EUGENE	63	41	69	31	52	1	0.01	-0.87	0.01	4.24	123	21.91	74	93	51	0	2	1	0
	MEDFORD	73	44	81	34	58	5	0.00	-0.29	0.00	0.22	16	9.39	81	74	27	0	0	0	0
PA	PENDLETON	55	39	70	26	47	-3	0.61	0.35	0.26	1.20	92	10.11	106	88	41	0	3	3	0
	PORTLAND	60	45	67	35	52	-1	0.01	-0.78	0.01	3.60	101	22.77	95	89	53	0	0	1	0
	SALEM	61	42	68	33	51	0	0.00	-0.80	0.00	3.08	92	22.27	87	90	52	0	0	0	0
	ALLENTOWN	69	49	73	31	59	9	0.00	-0.81	0.00	5.09	65	33.94	90	94	64	0	1	0	0
RI	ERIE	65	50	83	43	58	6	4.17	3.35	1.43	8.60	110	33.30	99	86	61	0	0	7	4
	MIDDLETOWN	73	52	79	37	62	10	0.00	-0.69	0.00	3.19	47	29.19	87	92	55	0	0	0	0
	PHILADELPHIA	73	53	77	40	63	8	0.05	-0.62	0.05	6.30	100	39.03	114	97	61	0	0	1	0
	PITTSBURGH	67	50	79	40	59	8	0.96	0.46	0.39	2.72	56	30.55	97	93	57	0	0	4	0
SC	WILKES-BARRE	71	51	83	34	61	12	0.01	-0.70	0.01	3.82	57	42.08	132	89	53	0	0	1	0
	WILLIAMSPORT	69	51	82	35	60	10	0.24	-0.48	0.21	2.48	36	28.44	84	91	54	0	0	3	0
	PROVIDENCE	68	49	76	35	58	6	0.26	-0.61	0.26	4.97	71	28.93	77	98	66	0	0	1	0
	CHARLESTON	82	63	85	54	72	7	0.03	-0.72	0.03	8.99	97	48.39	108	95	59	0	0	1	0
SD	COLUMBIA	80	56	83	48	68	6	0.00	-0.72	0.00	5.38	88	47.83	126	92	51	0	0	0	0
	FLORENCE	81	58	84	47	69	7	0.00	-0.66	0.00	7.76	126	51.15	139	95	53	0	0	0	0
	GREENVILLE	77	52	82	39	64	4	1.34	0.59	1.34	9.04	148	62.03	160	100	51	0	0	1	1
	ABERDEEN	34	24	42	10	29	-14	1.22	0.79	0.57	2.81	72	14.93	74	86	62	0	6	5	1
TN	HURON	35	25	44	20	30	-16	0.87	0.49	0.37	1.52	38	16.26	76	94	67	0	7	4	0
	RAPID CITY	32	24	51	12	28	-18	0.80	0.51	0.32	2.11	85	12.46	82	95	78	0	6	6	0
	SIOUX FALLS	38	28	46	15	33	-13	0.56	0.13	0.27	1.14	25	15.59	65	87	59	0	4	6	0
	BRISTOL	77	46	82	34	62	7	0.01	-0.44	0.01	6.58	144	48.79	144	99	44	0	0	1	0
TX	CHATTANOOGA	79	56	83	46	67	8	0.39	-0.31	0.39	9.17	140	57.17	136	93	54	0	0	1	0
	KNOXVILLE	77	51	82	38	64	6	1.35	0.81	1.35	8.21	160	59.30	153	100	53	0	0	1	1
	MEMPHIS	79	59	85	49	69	6	0.01	-0.96	0.01	3.46	57	44.63	107	88	56	0	0	1	0
	NASHVILLE	77	57	86	49	67	8	0.68	0.01	0.64	6.40	112	45.94	121	85	54	0	0	3	1
UT	ABILENE	79	52	89	38	65	1	0.00	-0.72	0.00	0.62	13	17.11	79	88	46	0	0	0	0
	AMARILLO	73	39	90	28	56	-1	0.00	-0.36	0.00	0.46	13	10.61	57	92	30	1	2	0	0
	AUSTIN	88	68	93	53	78	8	0.00	-0.99	0.00	4.52	74	28.08	99	82	40	5	0	0	0
	BEAUMONT	82	66	86	56	74	5	2.31	0.96	2.15	9.25	89	46.99	94	99	71	0	0	2	1
VA	BROWNSVILLE	90	72	95	68	81	6	0.03	-0.78	0.03	5.93	65	16.45	68	94	53	6	0	1	0
	CORPUS CHRISTI	88	69	92	61	78	5	0.01	-0.87	0.01	5.56	70	21.31	78	96	55	3	0	1	0
	DEL RIO	90	68	95	57	79	9	0.00	-0.49	0.00	3.22	78	11.41	65	83	39	5	0	0	0
	EL PASO	88	56	90	51	72	8	0.00	-0.12	0.00	0.59	29	5.76	68	30	12	3	0	0	0
WY	FORT WORTH	78	58	88	46	68	2	0.92	-0.20	0.92	4.81	83	38.40	128	90	56	0	0	1	1
	GALVESTON	83	73	86	60	78	5	0.03	0.00	0.03	6.19	0	33.31	0	86	67	0	0	1	0
	HOUSTON	86	65	91	54	76	6	0.00	-1.42	0.00	9.13	106	36.63	90	96	57	1	0	0	0
	LUBBOCK	75	43	89	31	59	-1	0.01	-0.42	0.01	1.06	25	9.56	55	85	37	0	1	1	0
WI	MIDLAND	81	52	89	41	67	3	0.00	-0.35	0.00	0.84	25	6.96	53	81	33	0	0	0	0
	SAN ANGELO	82	55	92	47	68	3	0.00	-0.66	0.00	4.91	105	17.37	92	83	45	1	0	0	0
	SAN ANTONIO	87	67	92	54	77	8	0.02	-0.99	0.02	2.99	47	18.20	66	87	43	4	0	1	0
	VICTORIA	87	66	93	55	76	5	0.05	-1.10	0.05	4.49	57	24.27	69	96	51	3	0	1	0
WV	WACO	82	62	90	47	72	5	0.87	-0.08	0.87	8.35	136	39.27	139	86	49	1	0	1	1
	WICHITA FALLS	76	50	89	36	63	1	1.20	0.41	0.92	3.97	76	32.31	129	95	49	0	0	2	1
	SALT LAKE CITY	66	42	74	32	54	3	0.00	-0.35	0.00	0.41	16	8.06	62	61	24	0	1	0	0
	LYNCHBURG	78	50	84	38	64	9	0.06	-0.64	0.06	8.93	143	50.44	148	96	45	0	0	1	0
WY	NORFOLK	76	60	84	50	68	8	0.00	-0.75	0.00	9.21	124	43.76	111	95	62	0	0	0	0
	RICHMOND	78	55	84	41	66	8	0.21	-0.44	0.21	10.97	171	51.32	141	99	54	0	0	1	0
	ROANOKE	76	48	84	36	62	6	0.31	-0.35	0.31	7.56	123	51.33	150	93	46	0	0	1	0
	WASH/DULLES	75	52	82	34	64	9	0.00	-0.71	0.00	3.70	57	38.52	112	98	55	0	0	0	0
WY	BURLINGTON	64	46	76	36	55	9	0.68	-0.09	0.26	5.62	87	27.66	90	88	55	0	0	4	0
	OLYMPIA	56	39	63	31	47	-1	0.61	-0.60	0.38	7.35	150	36.18	111	96	57	0	2	4	0
	QUILLAYUTE	54	41	57	34	47	-1	1.16	-1.48	0.69	11.07	98	69.52	104	93	65	0	0	4	1
	SEATTLE-TACOMA	55	44	62	39	50	-2	0.24	-0.64	0.10	4.61	118	29.30	119	93	62	0	0	5	0
WY	SPOKANE	46	32	58	18	39	-7	0.83	0.53	0.73	2.00	135	11.43	98	88	52	0	4	3	1
	YAKIMA	59	34	75	24	46	-1	0.00	-0.14	0.00	0.30	38	3.11	54	81	34	0	3	0	0
	EAU CLAIRE	37	27	41	22	32	-13	1.08	0.60	0.72	3.45	62	25.15	90	90	61	0	7	3	1
	GREEN BAY	43	30	49	22	37	-9	3.48	2.96	2.68	6.73	137	30.67	121	92	58	0	5	4	2
WY	LA CROSSE	41	30	46	26	36	-13	0.72	0.27	0.54	5.09	96	27.10	92	84	56	0	4	3	1
	MADISON	45	33	55	27	39	-8	3.07	2.53	1.86	6.94	140	36.38	122	96	60	0	4	5	2
	MILWAUKEE	51	38	59	32	45	-5	2.56	1.99	1.45	3.65	70	32.97	112	89	57	0	1	5	2
	BECKLEY	73	51	79	42	62	10	0.02	-0.55	0.02	3.22	65	44.32	128	86	52				

National Agricultural Summary

October 19 - 25, 2020

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Below-normal temperatures were recorded across most of the Great Lakes, Great Plains, Pacific Northwest, and northern Rockies. Large parts of the northern Plains and northern Rockies noted temperatures 15°F or more below normal. In contrast, most of California, mid-Atlantic, Mississippi Valley, Northeast, Southeast, Southwest, and Texas were warmer than normal, with most of these areas recording temperatures

5°F or more above average. Most of the western half of the nation remained drier than normal, but above-normal precipitation was reported in parts of the Pacific Northwest, northern Plains, and northern Rockies. However, most of the mid-Atlantic and Northeast remained drier than normal. In contrast, large parts of the Great Lakes, Mississippi Valley, and Southeast received above-normal rainfall.

Corn: Seventy-two percent of the 2020 acreage had been harvested by week's end, 34 percentage points ahead of last year and 16 points ahead of the 5-year average. Harvest progress advanced 10 percentage points or more during the week in ten of the 18 estimating states.

Soybean: Soybean harvest across the nation was 83 percent complete by week's end, 26 percentage points ahead of last year and 10 points ahead of the 5-year average. Harvest progress advanced 10 percentage points or more during the week in six of the 18 estimating states.

Winter Wheat: Nationwide, producers had sown 85 percent of the intended 2021 winter wheat acreage by October 25, two percentage points ahead of last year and 5 points ahead of the 5-year average. Planting progress advanced by 10 percentage points or more during the week in six of the 18 estimating states. Nationwide, 62 percent of the winter wheat acreage had emerged by October 25, two percentage points ahead of both last year and the average. Winter wheat emergence advanced by 10 percentage points or more in ten of the 18 estimating states. On October 25, forty-one percent of the winter wheat was reported in good to excellent condition, 15 percentage points below the same time last year.

Cotton: By October 25, ninety-five percent of the nation's cotton had open bolls, 1 percentage point ahead of last year and 3 points ahead of the 5-year average. By October 25, forty-two percent of the cotton had been harvested, 2 percentage points behind last year but equal to the average. Cotton harvest advanced 10 percentage points or more during the week in Alabama, Arkansas, Louisiana, Mississippi, and Tennessee. On October 25, forty percent of

the cotton acreage was rated in good to excellent condition, unchanged from both the previous week and the same time last year.

Sorghum: Seventy-four percent of the 2020 sorghum acreage was harvested by October 25, fourteen percentage points ahead of last year and 13 points ahead of the 5-year average. Sorghum harvest advanced 15 percentage points or more during the week in Colorado, Kansas, and Nebraska.

Rice: Nationally, 94 percent of the rice acreage had been harvested by October 25, two percentage points behind last year and 3 points behind the 5-year average. Harvest was complete or nearing completion in five of the six estimating states.

Other Acreages: Fifty-six percent of the nation's peanut acreage was harvested as of October 25, eighteen percentage points behind last year and 10 points behind the 5-year average. Harvest progress was at or behind the average pace for all estimating states. On October 25, sixty-four percent of the peanut acreage was rated in good to excellent condition, 3 percentage points below the previous week but 10 points above the same time last year.

On October 25, sugarbeet producers had harvested 89 percent of the nation's crop, 36 percentage points ahead of last year and 14 points ahead of the 5-year average. Harvest progress was ahead of the average pace in all estimating states.

By October 25, fifty percent of this year's sunflower crop was harvested, 35 percentage points ahead of last year and 13 points ahead of the 5-year average. Harvest progress was ahead of the average pace in all estimating states.

Crop Progress and Condition

Week Ending October 25, 2020

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Corn Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
CO	51	53	70	42
IL	49	66	80	76
IN	45	48	62	63
IA	23	65	78	45
KS	71	76	85	79
KY	93	80	86	90
MI	19	24	34	35
MN	19	63	72	47
MO	61	64	72	81
NE	40	58	76	46
NC	96	93	95	96
ND	5	55	73	33
OH	34	24	32	52
PA	50	33	48	52
SD	13	64	79	37
TN	97	83	91	96
TX	84	85	89	83
WI	11	27	40	32
18 Sts	38	60	72	56
These 18 States harvested 93% of last year's corn acreage.				

Soybeans Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AR	73	50	62	77
IL	64	81	90	80
IN	66	72	82	76
IA	61	90	94	72
KS	49	64	78	55
KY	66	42	51	59
LA	97	93	97	96
MI	47	64	73	63
MN	56	96	98	83
MS	89	72	79	89
MO	38	40	50	53
NE	78	92	97	78
NC	38	18	21	31
ND	26	92	97	76
OH	66	65	73	78
SD	51	90	95	78
TN	69	41	51	66
WI	42	72	85	65
18 Sts	57	75	83	73
These 18 States harvested 96% of last year's soybean acreage.				

Sorghum Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
CO	65	43	65	46
KS	44	49	64	46
NE	36	60	82	51
OK	58	47	55	60
SD	16	83	87	46
TX	95	92	95	83
6 Sts	60	63	74	61
These 6 States harvested 100% of last year's sorghum acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
CO	67	68	79	44
KS	38	38	59	36
ND	10	44	58	37
SD	10	26	39	36
4 Sts	15	37	50	37
These 4 States harvested 86% of last year's sunflower acreage.				

Cotton Percent Bolls Opening				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AL	98	92	96	95
AZ	100	100	100	100
AR	100	100	100	100
CA	96	90	95	92
GA	97	90	92	97
KS	94	88	92	86
LA	100	100	100	100
MS	99	98	99	99
MO	99	100	100	100
NC	99	92	96	98
OK	94	91	95	94
SC	98	92	98	95
TN	99	95	98	99
TX	92	92	94	89
VA	100	96	98	99
15 Sts	94	93	95	92
These 15 States planted 99% of last year's cotton acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AL	57	20	34	54
AZ	30	27	35	33
AR	74	47	67	79
CA	31	20	25	36
GA	54	19	27	43
KS	8	6	11	9
LA	86	73	87	89
MS	70	46	63	75
MO	46	25	31	68
NC	48	14	19	36
OK	27	16	21	25
SC	58	6	9	36
TN	58	32	46	59
TX	35	42	48	34
VA	57	14	19	44
15 Sts	44	34	42	42
These 15 States harvested 99% of last year's cotton acreage.				

Cotton Condition by Percent					
	VP	P	F	G	EX
AL	1	4	21	63	11
AZ	0	0	6	41	53
AR	1	3	16	45	35
CA	0	5	45	45	5
GA	3	12	28	49	8
KS	2	8	42	43	5
LA	0	3	56	41	0
MS	1	13	31	40	15
MO	3	11	38	48	0
NC	3	12	32	46	7
OK	0	10	45	45	0
SC	6	6	17	53	18
TN	6	12	18	50	14
TX	9	37	29	19	6
VA	7	27	34	32	0
15 Sts	6	25	29	32	8
Prev Wk	10	23	27	31	9
Prev Yr	5	15	40	33	7

Crop Progress and Condition

Week Ending October 25, 2020

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Peanuts Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AL	86	42	62	76
FL	86	67	76	86
GA	80	42	59	70
NC	71	27	33	56
OK	56	33	50	50
SC	75	41	50	52
TX	31	24	35	37
VA	92	24	39	72
8 Sts	74	41	56	66
These 8 States harvested 96% of last year's peanut acreage.				

Peanut Condition by Percent					
	VP	P	F	G	EX
AL	0	4	19	66	11
FL	7	34	33	26	0
GA	1	6	25	55	13
NC	1	1	14	73	11
OK	0	3	5	86	6
SC	1	3	19	61	16
TX	0	0	51	48	1
VA	0	8	43	49	0
8 Sts	1	7	28	55	9
Prev Wk	1	7	25	55	12
Prev Yr	5	11	30	46	8

Rice Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AR	96	89	93	98
CA	91	90	95	90
LA	100	99	100	100
MS	95	92	94	97
MO	94	81	85	96
TX	100	100	100	100
6 Sts	96	91	94	97
These 6 States harvested 100% of last year's rice acreage.				

Winter Wheat Percent Planted				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AR	61	34	50	49
CA	24	20	25	29
CO	98	98	99	96
ID	92	91	98	94
IL	72	73	89	73
IN	73	69	80	77
KS	85	84	92	82
MI	74	81	91	81
MO	40	42	51	50
MT	85	77	88	91
NE	99	94	98	98
NC	19	15	20	21
OH	89	84	92	86
OK	86	74	82	82
OR	89	62	85	82
SD	96	97	100	97
TX	72	64	71	70
WA	92	88	96	92
18 Sts	83	77	85	80
These 18 States planted 91% of last year's winter wheat acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
AR	39	18	33	28
CA	9	5	8	8
CO	77	68	78	80
ID	66	51	61	70
IL	42	25	57	46
IN	42	24	50	49
KS	58	61	70	60
MI	49	45	63	58
MO	22	18	30	28
MT	52	57	65	71
NE	90	72	84	89
NC	7	4	9	8
OH	69	37	65	60
OK	74	47	66	66
OR	55	21	29	44
SD	85	71	80	84
TX	49	40	49	49
WA	69	65	68	69
18 Sts	60	51	62	60
These 18 States planted 91% of last year's winter wheat acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	3	11	41	36	9
CA	0	0	5	70	25
CO	11	20	45	23	1
ID	0	0	35	48	17
IL	5	7	20	59	9
IN	2	6	33	51	8
KS	7	17	47	26	3
MI	2	4	23	59	12
MO	1	11	39	43	6
MT	1	1	18	79	1
NE	5	16	36	40	3
NC	0	5	15	75	5
OH	1	5	26	55	13
OK	10	15	64	11	0
OR	4	17	33	34	12
SD	1	4	18	62	15
TX	8	19	36	26	11
WA	1	4	22	58	15
18 Sts	6	13	40	35	6
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	4	9	31	44	12

Crop Progress and Condition**Week Ending October 25, 2020**

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Sugarbeets Percent Harvested				
	Prev Year	Prev Week	Oct 25 2020	5-Yr Avg
ID	65	57	76	63
MI	36	47	63	44
MN	56	98	99	85
ND	50	97	99	86
4 Sts	53	83	89	75
These 4 States harvested 83% of last year's sugarbeet acreage.				

Pasture and Range Condition by Percent												
Week Ending Oct 25, 2020												
	VP	P	F	G	EX		VP	P	F	G	EX	
AL	1	2	24	67	6		NH	28	26	46	0	0
AZ	23	35	36	6	0		NJ	0	2	17	81	0
AR	7	17	43	28	5		NM	12	31	42	8	7
CA	45	10	35	10	0		NY	8	26	38	23	5
CO	38	29	26	7	0		NC	0	1	22	62	15
CT	26	30	40	4	0		ND	15	34	34	15	2
DE	1	31	16	42	10		OH	5	19	43	30	3
FL	1	4	27	54	14		OK	10	21	45	22	2
GA	3	8	32	51	6		OR	36	50	10	4	0
ID	14	22	33	31	0		PA	21	32	26	21	0
IL	13	13	30	43	1		RI	0	50	50	0	0
IN	13	26	38	21	2		SC	1	3	38	51	7
IA	13	27	42	18	0		SD	8	29	43	20	0
KS	11	22	40	25	2		TN	2	7	34	47	10
KY	3	10	24	56	7		TX	14	26	42	17	1
LA	0	6	27	64	3		UT	20	32	36	12	0
ME	75	25	0	0	0		VT	2	8	77	13	0
MD	0	11	37	42	10		VA	2	9	25	51	13
MA	26	30	40	4	0		WA	31	27	37	5	0
MI	6	24	30	36	4		WV	4	9	22	62	3
MN	14	10	33	39	4		WI	4	13	31	34	18
MS	1	6	35	46	12		WY	37	34	29	0	0
MO	5	19	47	27	2		48 Sts	18	25	37	18	2
MT	20	18	37	24	1							
NE	18	22	27	32	1		Prev Wk	17	27	36	18	2
NV	20	25	30	25	0		Prev Yr	8	17	30	38	7

VP - Very Poor;

P - Poor;

F - Fair;

G - Good;

EX - Excellent

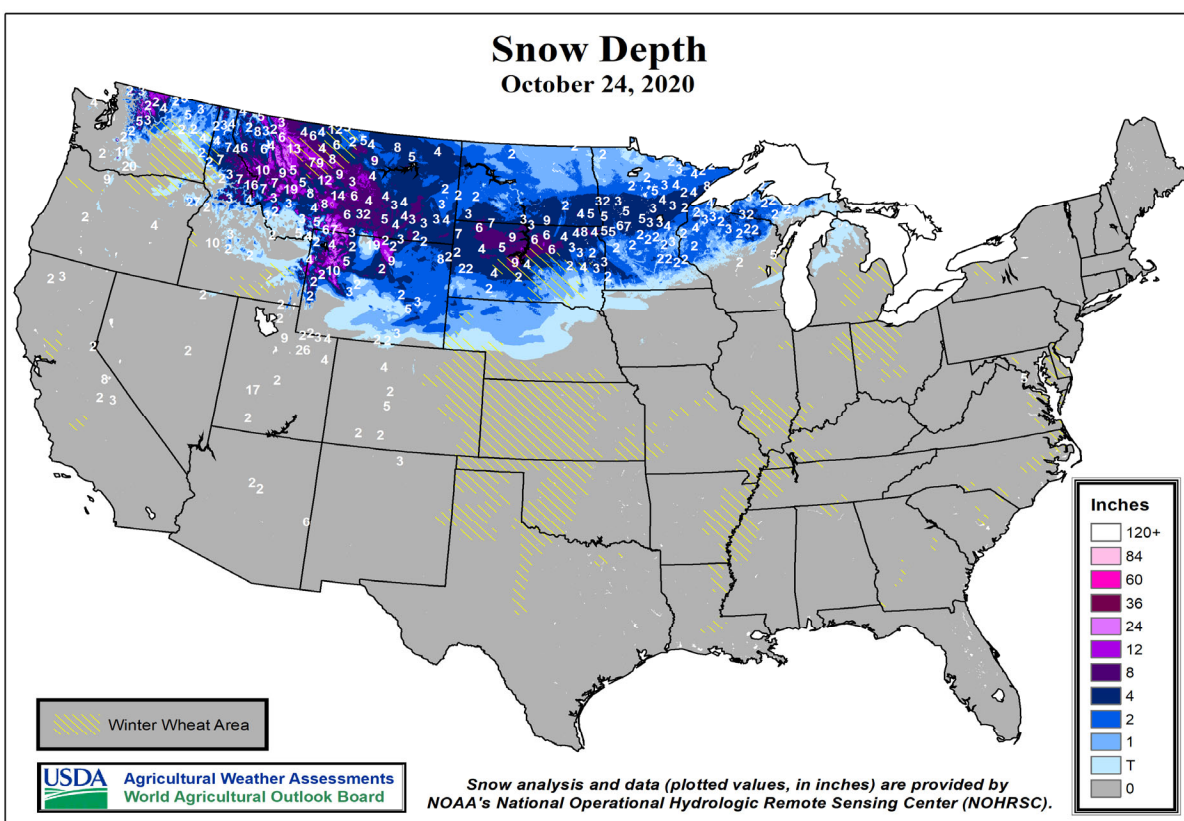
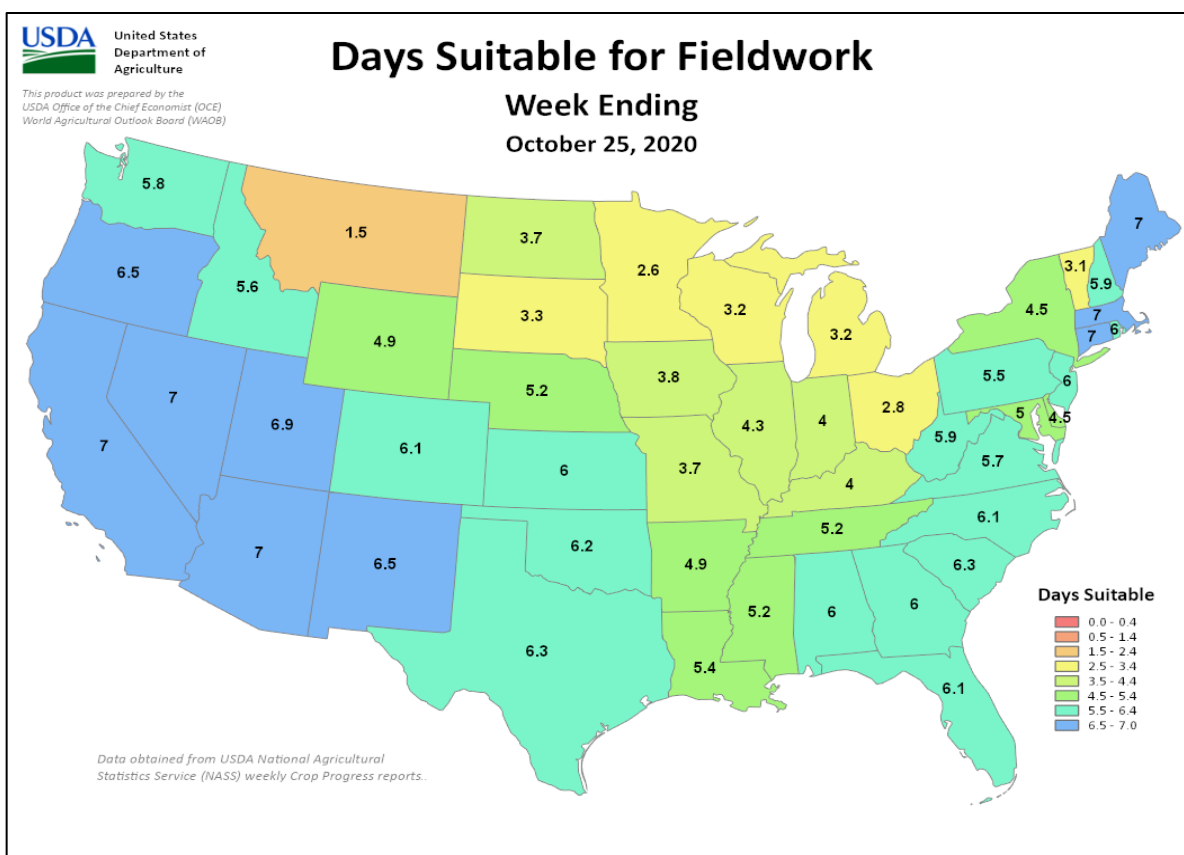
NA - Not Available;

*Revised

Crop Progress and Condition

Week Ending October 25, 2020

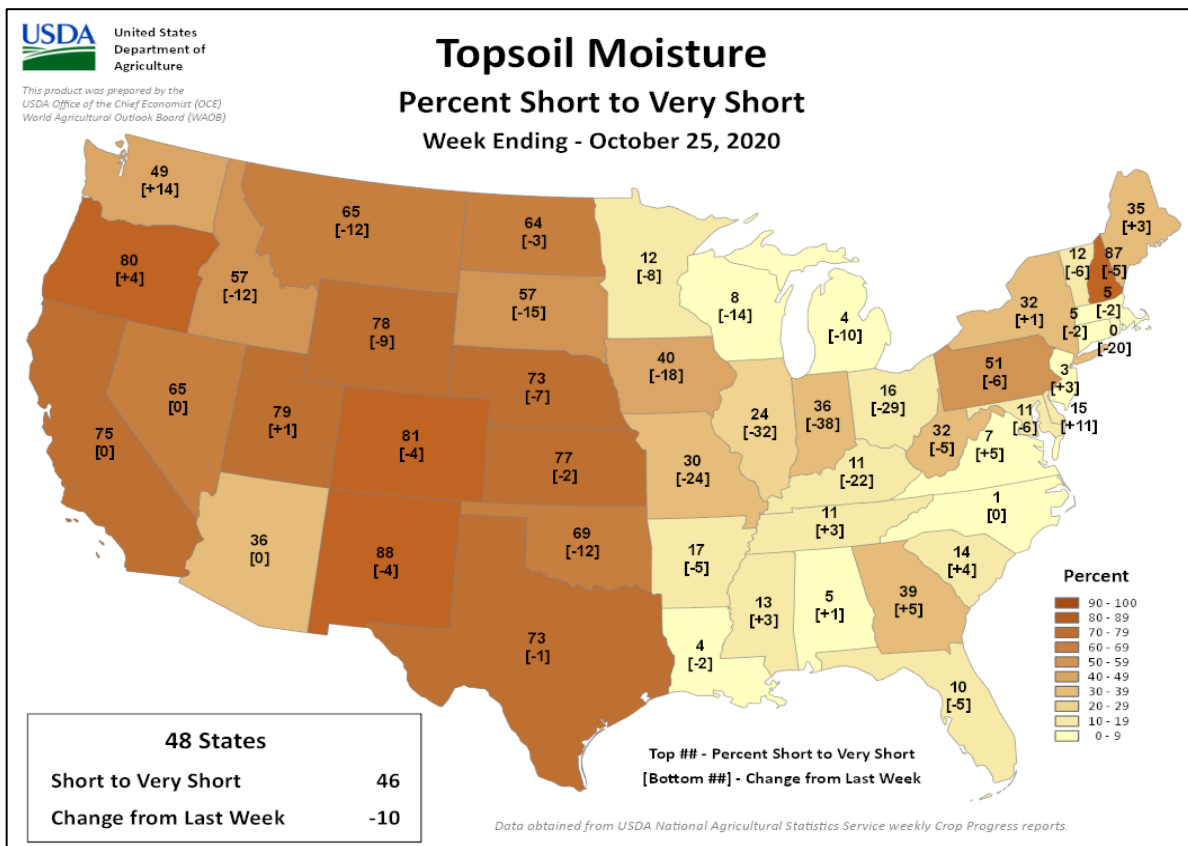
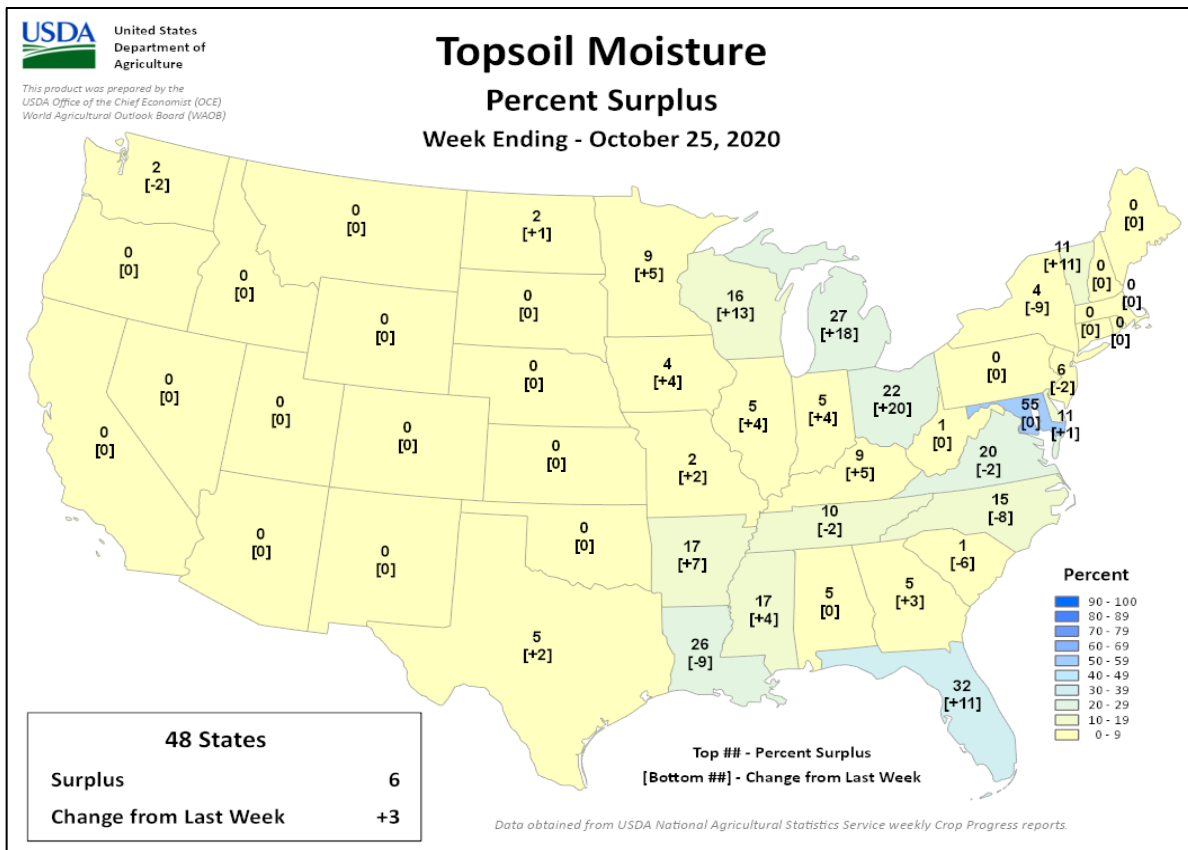
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending October 25, 2020

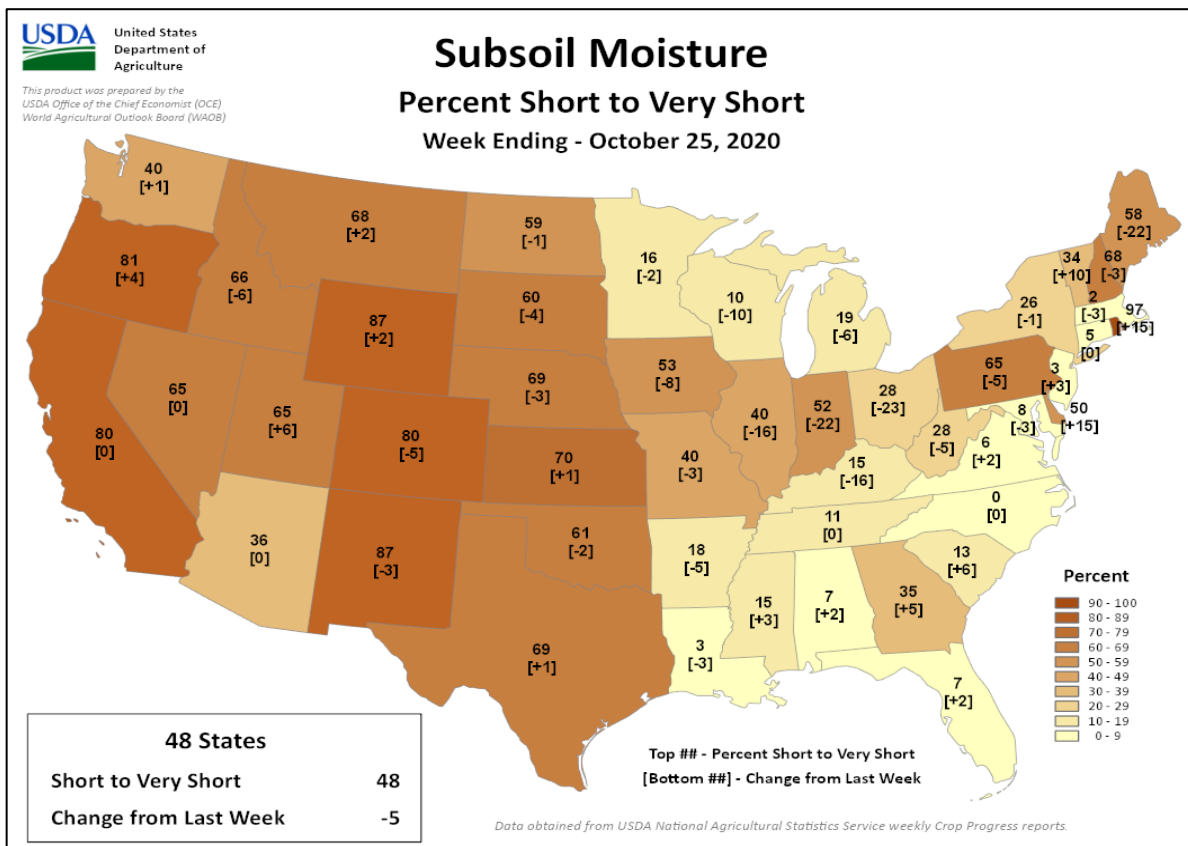
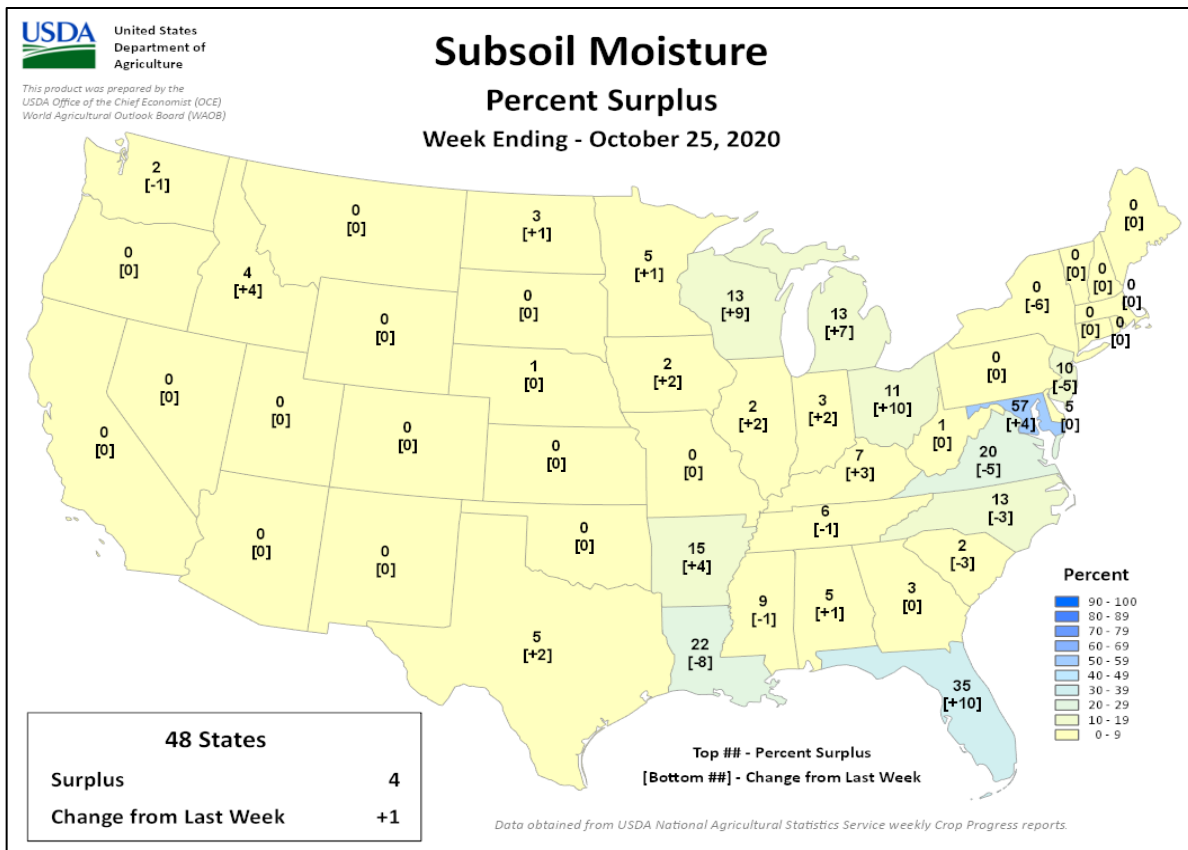
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending October 25, 2020

Weekly U.S. Progress and Condition Data provided by USDA/NASS



International Weather and Crop Summary

October 18-24, 2020

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

HIGHLIGHTS

EUROPE: Showers continued across much of the continent, with locally heavy rain eradicating short-term dryness on the Iberian Peninsula.

WESTERN FSU: Much-needed showers arrived in parts of western Russia, though extreme drought remained firmly entrenched across many primary winter wheat areas.

MIDDLE EAST: Beneficial rain in western Turkey contrasted with dry weather elsewhere.

SOUTH ASIA: The slow withdrawal of the southwest monsoon produced record-setting rainfall in central India.

EASTERN ASIA: Dry weather in eastern and southern China promoted summer crop harvesting and winter crop sowing.

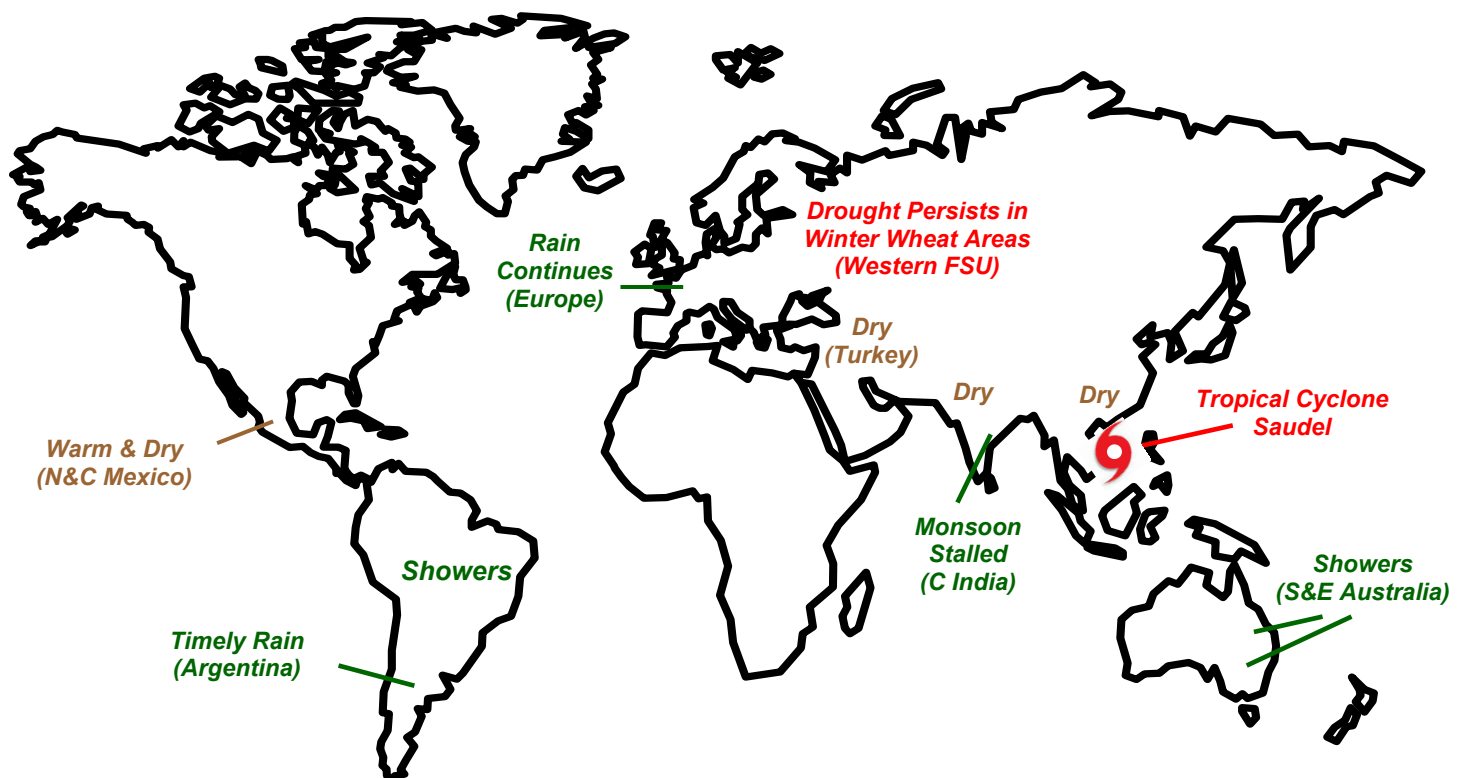
SOUTHEAST ASIA: Rainfall from Tropical Cyclone Soudel boosted reservoirs in the Philippines but continued the deluge of flooding in north-central Vietnam.

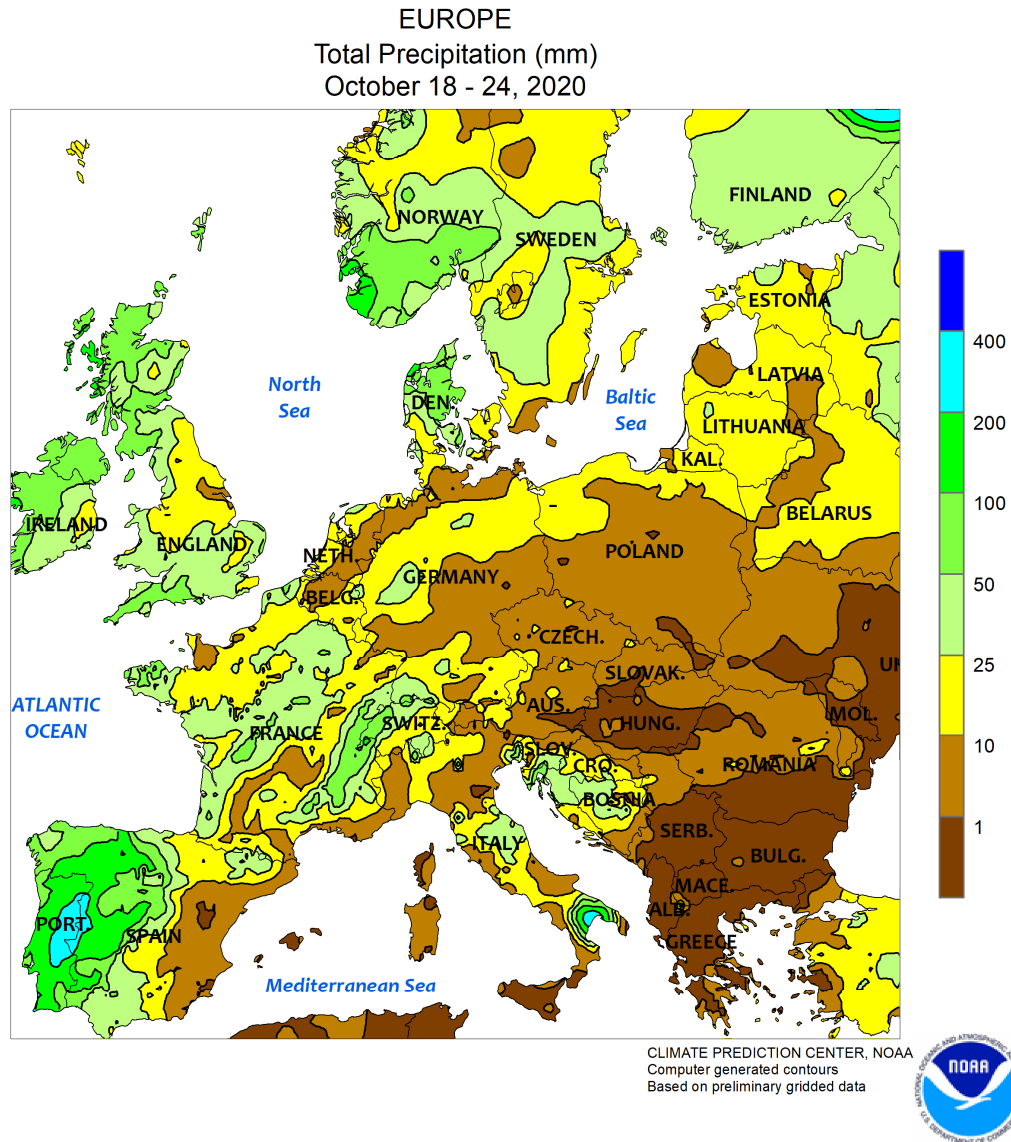
AUSTRALIA: Rain in the south and east benefited immature winter crops and promoted summer crop planting, germination, and emergence.

ARGENTINA: Showers provided timely moisture for germination of summer grains and oilseeds.

BRAZIL: Much-needed rain fell in key soybean areas of central Brazil, alleviating dryness that had delayed planting.

MEXICO: Warm, sunny weather promoted development of summer corn.



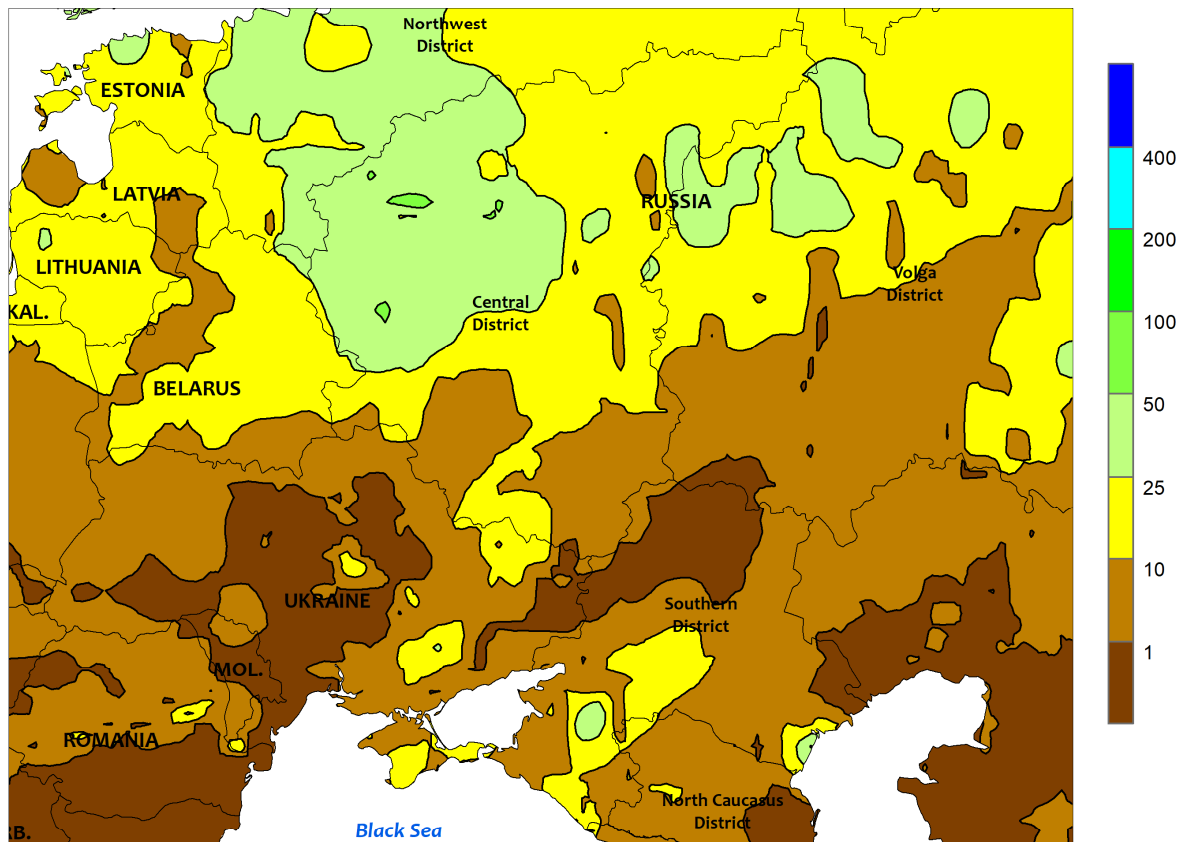


EUROPE

Showers continued across much of the continent, with locally heavy downpours in southwestern growing areas. The recent spell of unsettled weather lingered, with widespread showers (2-45 mm) across most of central and northern Europe maintaining adequate to abundant moisture supplies for winter crops. However, dry conditions across southeastern Europe favored fieldwork following a very wet first two months of autumn; 60-day rainfall has totaled 100 to 250 percent of normal from northern Bulgaria northward into northeastern Germany and central Poland. Meanwhile,

a slow-moving cold front produced heavy to excessive rainfall (25-270 mm) across central and western portions of the Iberian Peninsula, eradicating short-term dryness but causing localized flooding and halting fieldwork. Nevertheless, the rain was overall beneficial for Spain's early winter wheat and barley establishment prospects while also boosting irrigation supplies for summer crops. Temperatures averaged 1 to 3°C above normal over much of Europe, with cooler-than-normal conditions (1-2°C below normal) confined to southern-most growing areas.

WESTERN FSU
Total Precipitation (mm)
October 18 - 24, 2020



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

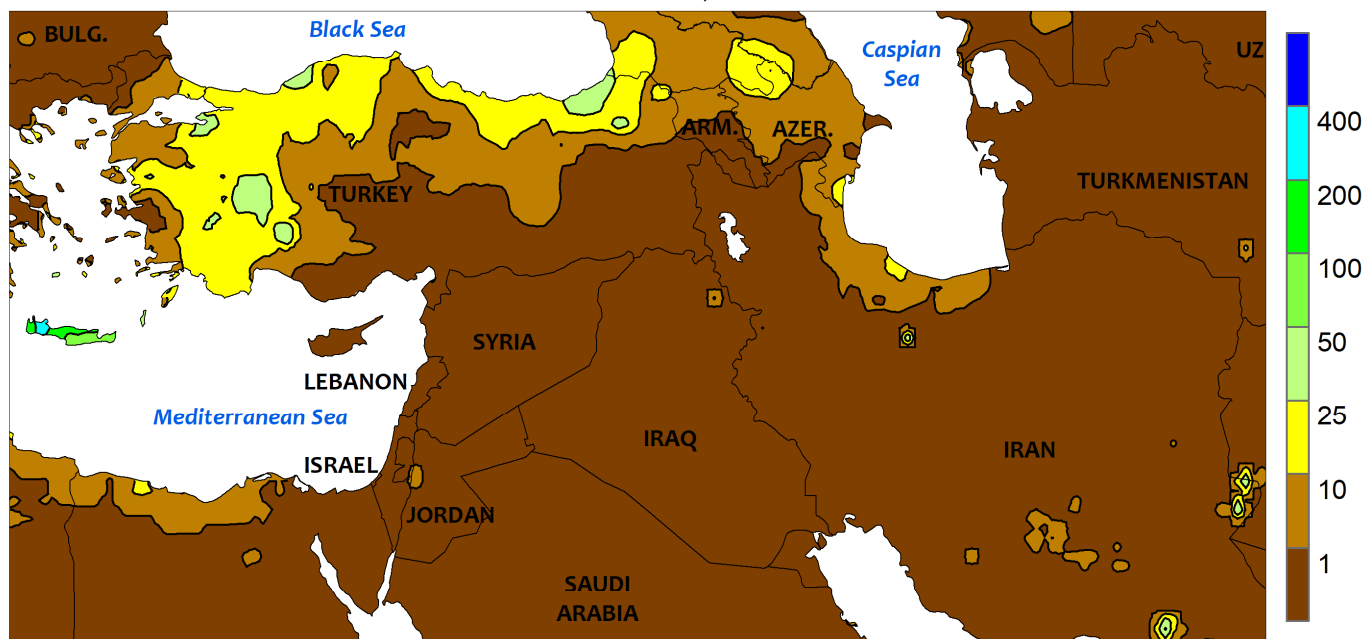


WESTERN FSU

The first rain since early August provided sorely-needed soil moisture in parts of Russia and eastern Ukraine, though extreme drought remained firmly entrenched across many primary winter wheat areas. Early in the period, variable but beneficial showers (2-40 mm) overspread southwestern Russia, providing a temporary reprieve from the extreme drought that has gripped these locales since early August. Despite the showers, rainfall since August 5 in many key Russian winter wheat oblasts remained less than 25 percent of normal, with Volgograd (northern Southern District) mired at 15 percent of normal. Similarly, light to moderate showers (2-22 mm) were reported over eastern Ukraine, though here, too, much more rain is needed; this area's regional-average rainfall since July 15 stood at a paltry 33

percent of normal, even with this week's precipitation. While the rain was most certainly welcomed, significantly more precipitation will be needed to lift southwestern Russia and eastern Ukraine out of the current and ongoing extreme drought. In contrast, sunny skies across central and western Ukraine facilitated summer crop harvesting and winter crop emergence, the latter benefitting from soil moisture improvements brought on by heavy rains in early October. Similarly, winter wheat prospects have improved considerably in Moldova due to the heavy rainfall during the first half of October. Temperatures across the region averaged 2 to 5°C above normal, extending the window for winter wheat establishment in areas that have received recent moisture improvements.

MIDDLE EAST
Total Precipitation (mm)
October 18 - 24, 2020



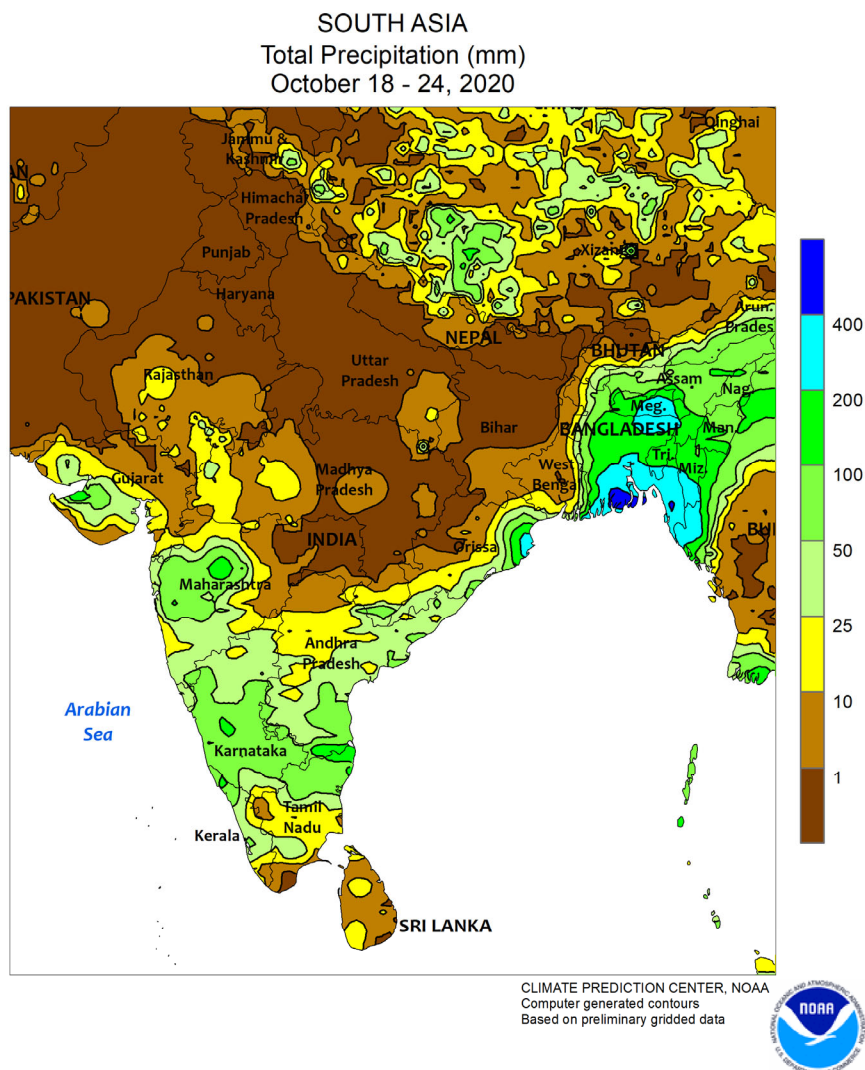
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data



MIDDLE EAST

Much-needed rain in western Turkey contrasted with dry weather elsewhere. Moderate to heavy showers (5-50 mm) overspread western Turkey — including western portions of the Anatolian Plateau — recharging soil moisture for emerging winter grains. However, rain bypassed central and eastern portions of the Anatolian Plateau, where season-to-date precipitation (since September 1) has tallied less than 50 percent of normal. Turkey's southern and eastern croplands also remained unfavorably dry, with the pronounced early-season deficits (20 percent of normal or less) extending into

the Armenian Highlands of eastern Turkey; this latter region's mountain snowpacks are a vital source for rivers and subsequent irrigation supplies. Elsewhere, dry weather promoted winter grain sowing and other seasonal fieldwork. The cool wet season, which typically becomes established over the entire region by early November, has gotten off to a slow start from the eastern Mediterranean Coast into central and southern Iran. Unseasonable warmth (2-5°C above normal) across central and western crop areas contrasted with similar negative temperature anomalies over southeastern Iran.

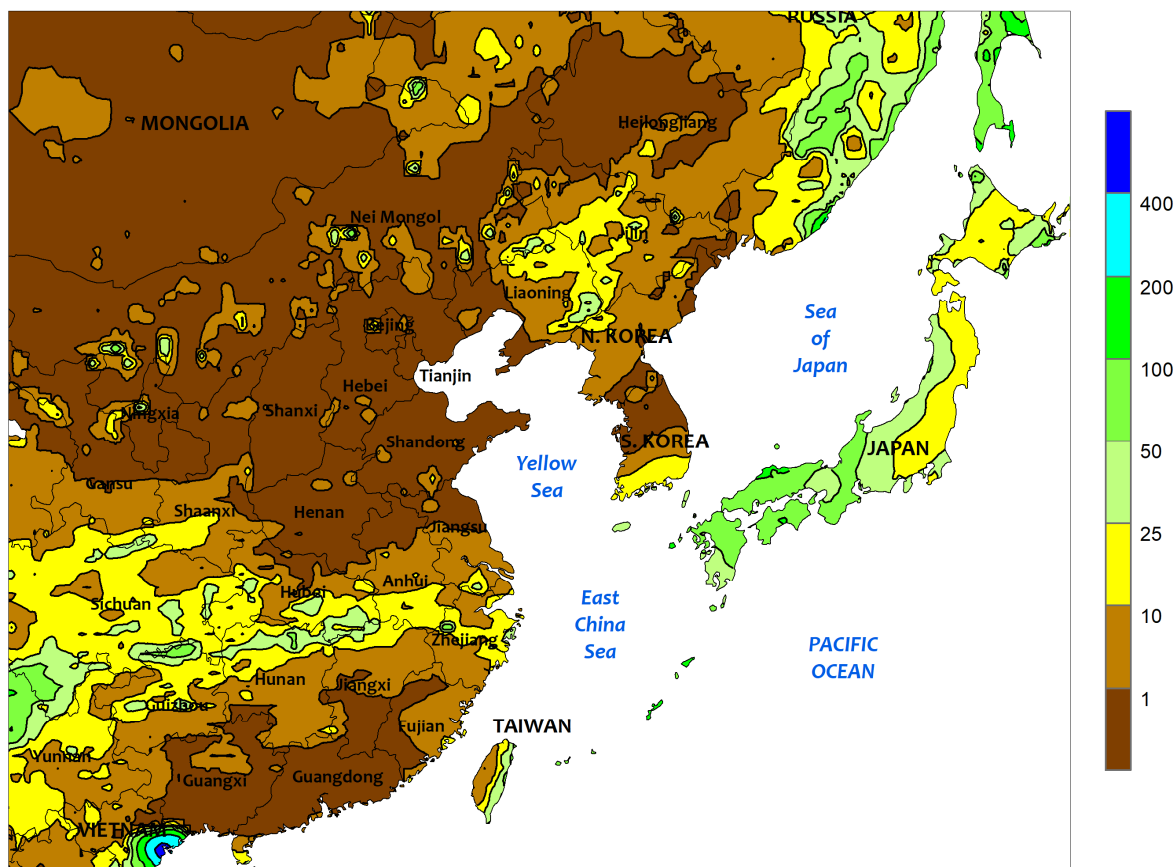


SOUTH ASIA

The southwest monsoon continued to withdraw slowly from India, with heavy showers (25-100 mm) lingering in some areas over two weeks later than usual. In particular, parts of central India have received record rainfall (over 500 mm) during the withdrawal period (September 1 to date). While the excessive moisture has benefited immature kharif crops and

bolstered irrigation supplies, it has been unfavorable for mature cotton. Unseasonably wet weather (50-300 mm) also occurred in northeastern India and Bangladesh, hampering rice maturation and harvesting. Elsewhere in India (and Pakistan), seasonably dry weather prevailed, aiding kharif crop harvesting and field preparations for the rabi crop season.

EASTERN ASIA
Total Precipitation (mm)
October 18 - 24, 2020



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

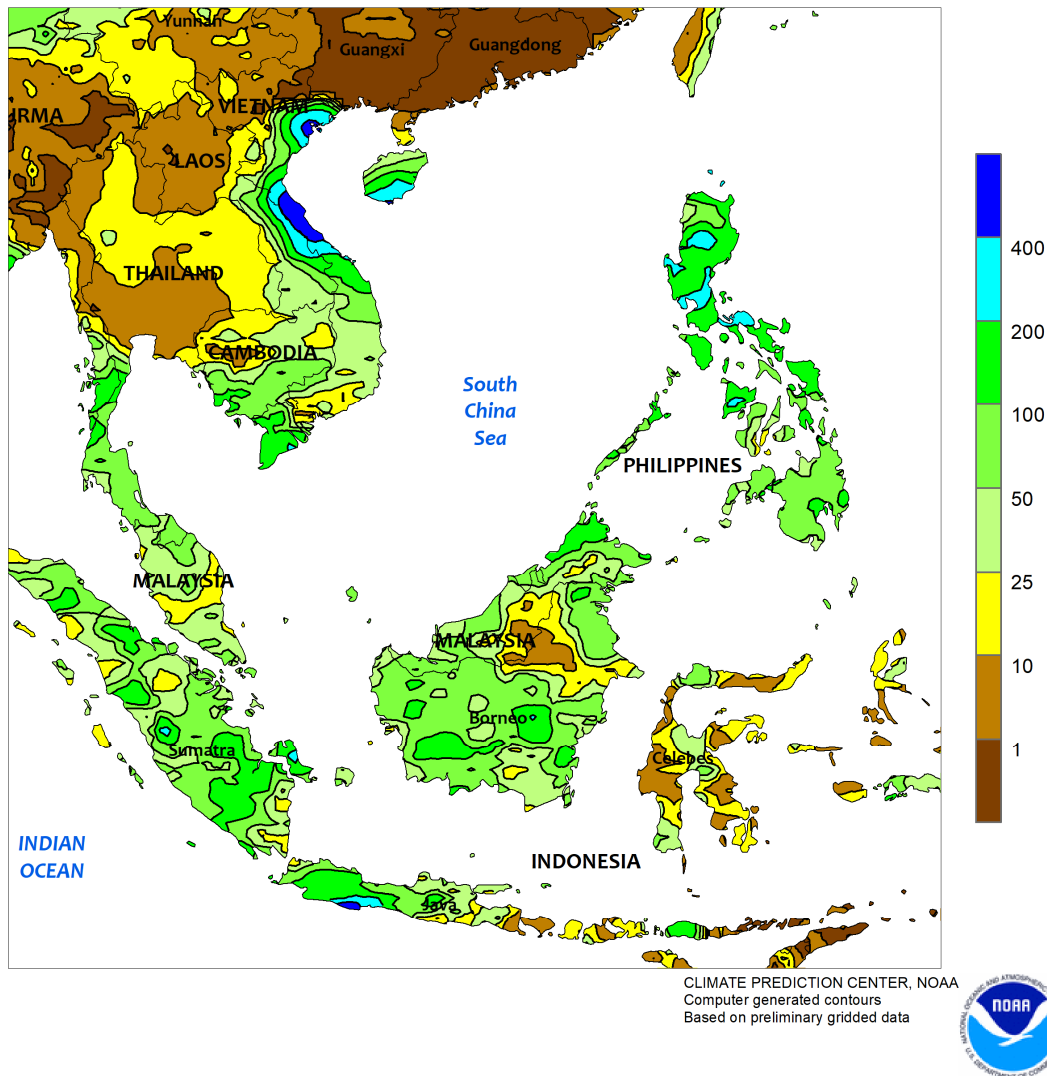


EASTERN ASIA

Mostly dry weather prevailed across eastern and southern China, aiding summer crop harvesting and winter crop sowing. On the North China Plain, however, more rain would be welcome to promote wheat establishment and reduce the need for supplemental irrigation. In contrast,

record-setting summer rainfall in the Yangtze Valley ensured abundant soil moisture for rapeseed establishment. Temperatures were generally near to below average in the east and south, with sufficient warmth for germination and emergence of winter crops.

SOUTHEAST ASIA
Total Precipitation (mm)
October 18 - 24, 2020

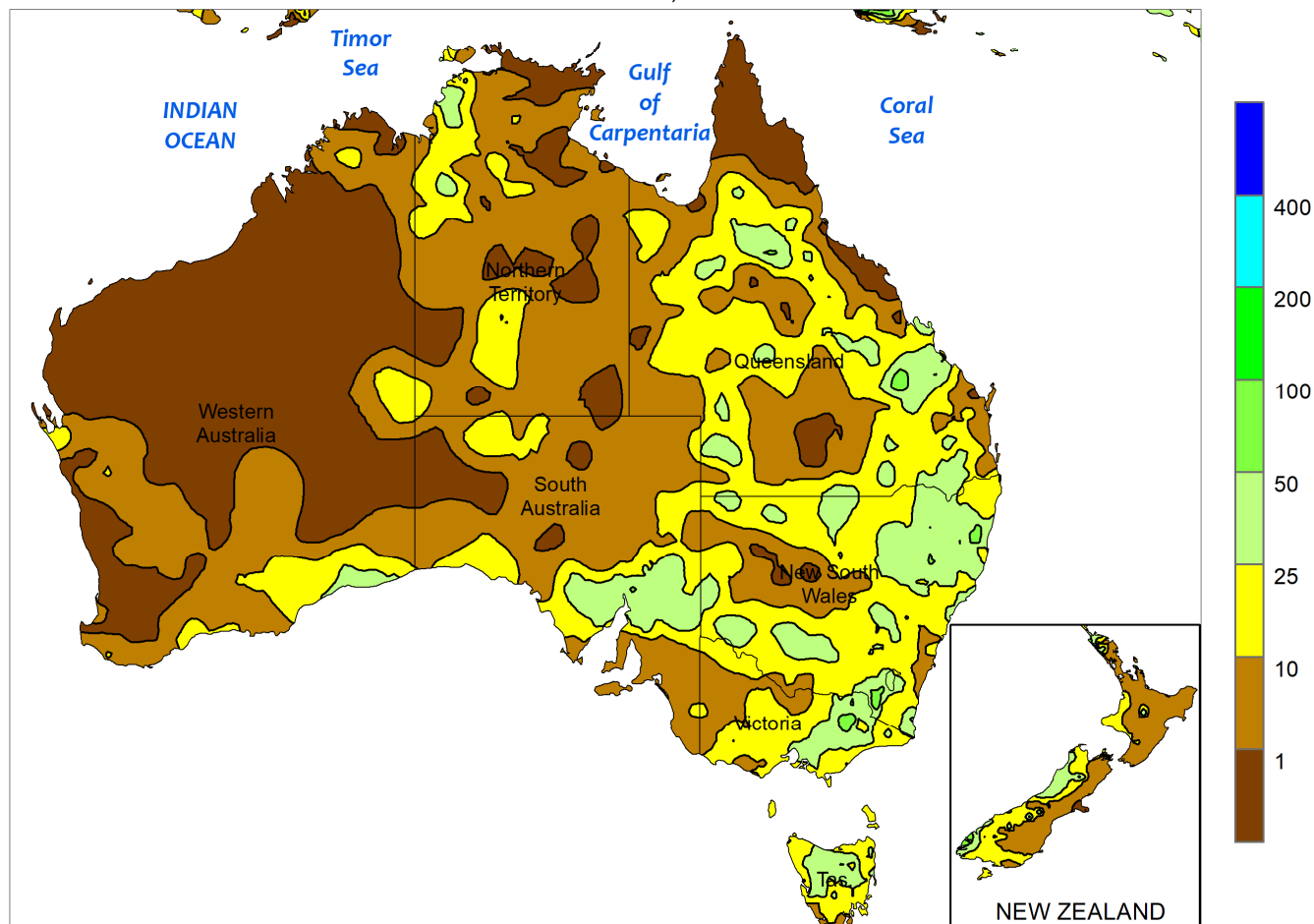


SOUTHEAST ASIA

Tropical Cyclone Saudel cut across the northern Philippines mid-week with sustained winds between 40 and 50 knots and producing heavy showers. Rainfall totals were in excess of 150 mm from Luzon to the Visayas, boosting reservoir levels but creating unfavorably wet conditions for mature corn and rice. Saudel intensified once over the South China Sea (sustained winds increased to 70 knots) and was approaching northern Vietnam by week's end. Already, rainfall reports of over 500 mm have occurred in Vietnam. Saudel would be the fourth storm to strike Vietnam in the last six weeks. Additionally, another tropical cyclone (Molave) was

approaching the eastern Philippines by week's end (additional information on rainfall totals for Saudel and Molave will appear in next week's *Weekly Weather and Crop Bulletin*). Elsewhere, continued late-season showers in Thailand sustained good water supplies for immature rice, but key reservoirs in the north had insufficient water for dry-season rice sowing that begins in the next few weeks. Meanwhile, the rainy season was off to a fast start (nearly four weeks earlier than normal) in western Java (Indonesia) and was on the verge of beginning in central areas, encouraging early wet-season rice sowing.

AUSTRALIA
Total Precipitation (mm)
October 18 - 24, 2020



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
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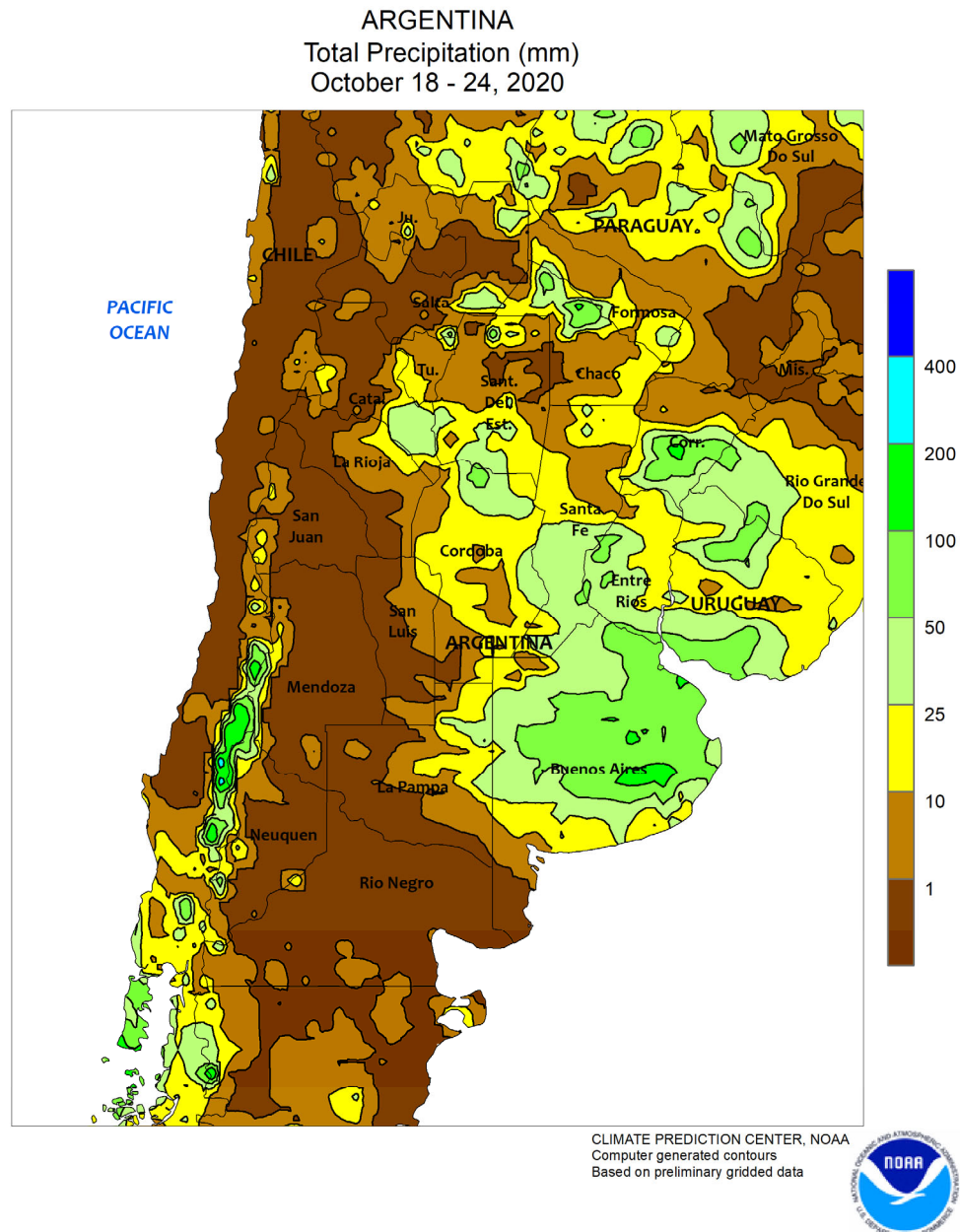
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded data



AUSTRALIA

Dry weather continued to cover northern portions of the Western Australia wheat belt, promoting winter crop drydown and early harvesting. In southern-most Western Australia, isolated showers (up to 10 mm) provided some moisture for filling winter grains and oilseeds, helping to stabilize local yield potential. Elsewhere in the wheat belt, widespread rain (10-50 mm) in southern and eastern Australia likely

interrupted local fieldwork but benefited immature winter grains and oilseeds. The rain also provided a welcome boost in topsoil moisture as cotton and sorghum planting gains momentum, helping to promote summer crop germination and emergence. Temperatures averaged near normal (generally within 1°C of normal) throughout the wheat belt, favoring late winter crop and early summer crop development.

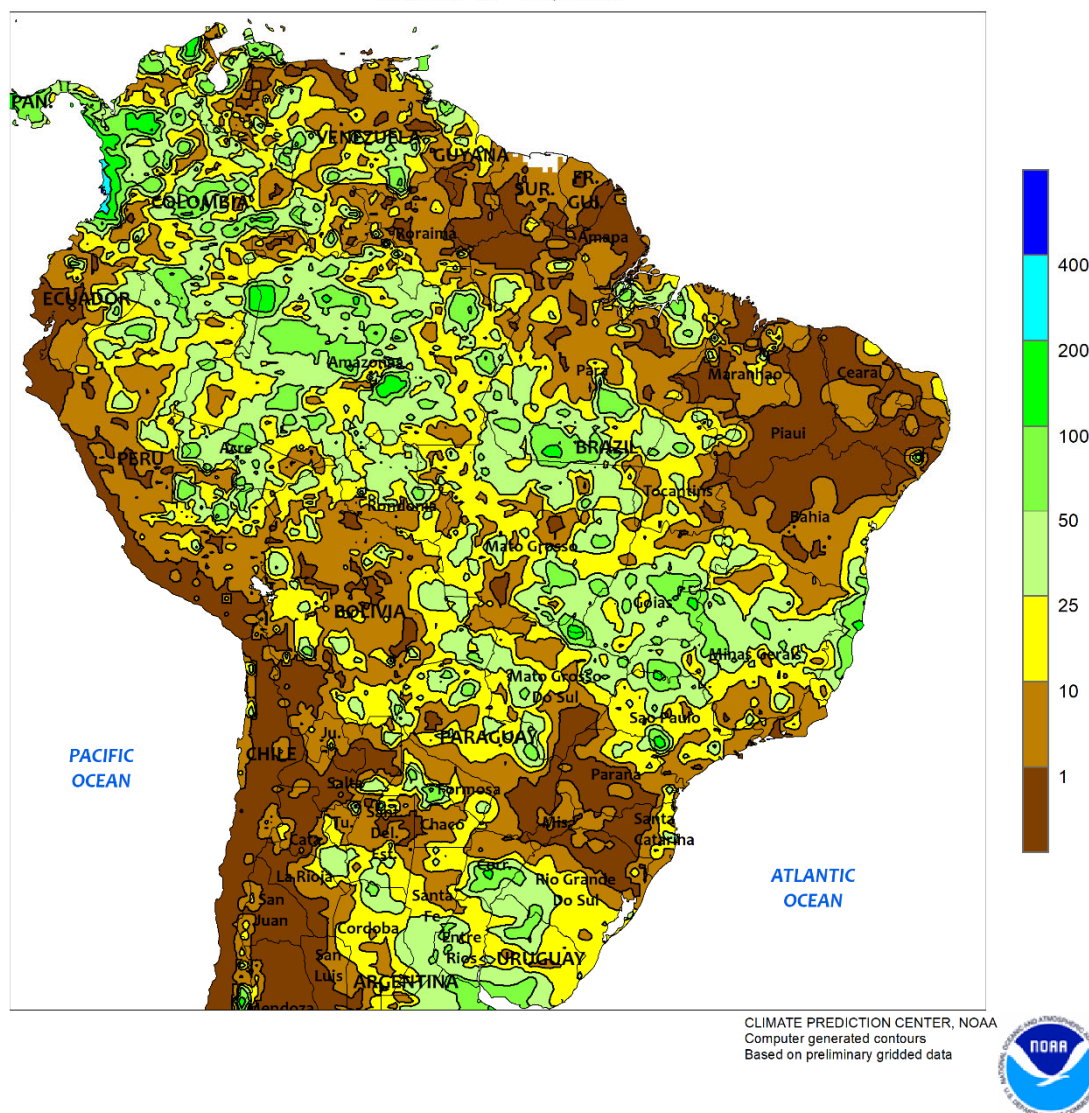


ARGENTINA

Showers provided timely moisture for summer grain and oilseed germination, though the moisture came too late to significantly improve yield prospects for winter grains in western farming areas. Rainfall totaled 10 to 50 mm in most central and northeastern production areas, with heavier rain (approaching 100 mm) over central and eastern Buenos Aires. Amounts were generally below 25 mm in central and southern farming areas in Cordoba, where crops had reportedly already been impacted by drought; in addition, a brief, early-week heat wave (highs reaching 40°C in spots) imposed stress on crops

before the onset of the rain. Meanwhile, dry weather persisted in the northwest (Salta and neighboring locations in Santiago del Estero, Chaco, and Formosa), where temperatures reached into the upper 30s and lower 40s (degrees C) on a daily basis. According to the government of Argentina, corn was 32 percent planted as of October 22, equal to last year's national pace; however, fieldwork advanced just 2 point in Cordoba (16 percent planted), falling behind the previous year's pace by 13 points. Sunflower planting advanced 8 points to reach 40 percent complete, 3 points behind last year's pace.

BRAZIL
Total Precipitation (mm)
October 18 - 24, 2020

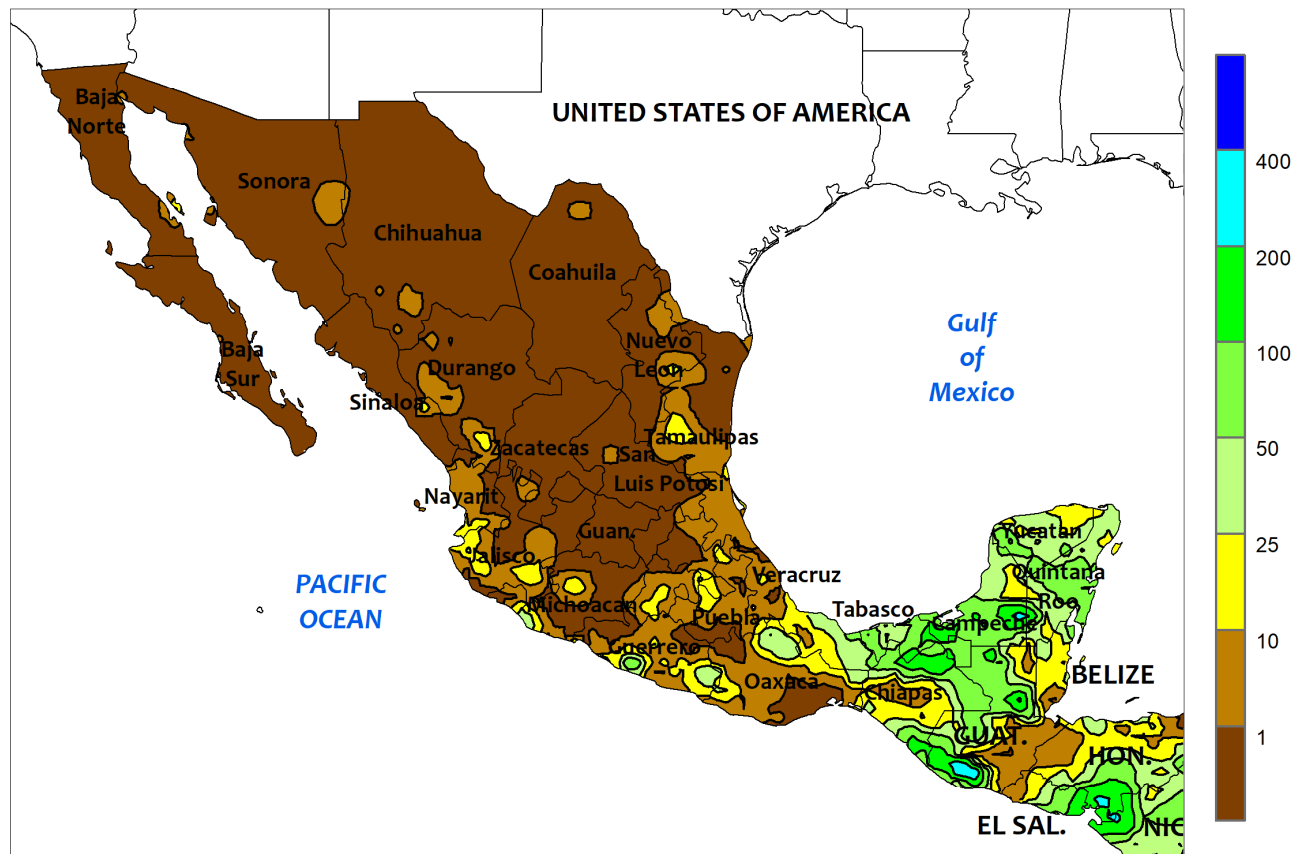


BRAZIL

Seasonal showers intensified throughout central Brazil, encouraging widespread soybean planting following delays from the late arrival of rainfall. Amounts totaled 25 to 50 mm – locally approaching 100 mm – in eastern Mato Grosso, Mato Grosso do Sul, Goiás, and neighboring locations in São Paulo and Minas Gerais. It was the heaviest of the season for many locations, where planting had been delayed from the late arrival of summer rains. The showers extended northeastward through Tocantins and neighboring locations in Piauí and Maranhão, but dry weather prevailed in Bahia. According to the government of Mato Grosso, soybean planting advanced 17 points to reach 25 percent complete on October 23, lagging last year's pace by 40 points. The rainy

weather extended southeastward into São Paulo and Minas Gerais, benefiting sugarcane, coffee, and other summer crops. Farther south, similar amounts were recorded in Rio Grande do Sul but mostly dry, warm weather (daytime highs reaching the lower 30s degrees C) dominated Paraná, where moisture was limited for summer crop establishment. According to the government of Paraná, wheat was 84 percent harvested as of October 19; meanwhile first-crop corn and soybeans were 86 and 32 percent planted, respectively. In Rio Grande do Sul, 31 percent of wheat was reportedly harvested as of October 22, 5 points ahead of the 5-year average, while corn and soybeans were 70 and 5 percent planted, respectively.

MEXICO
Total Precipitation (mm)
October 18 - 24, 2020



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



MEXICO

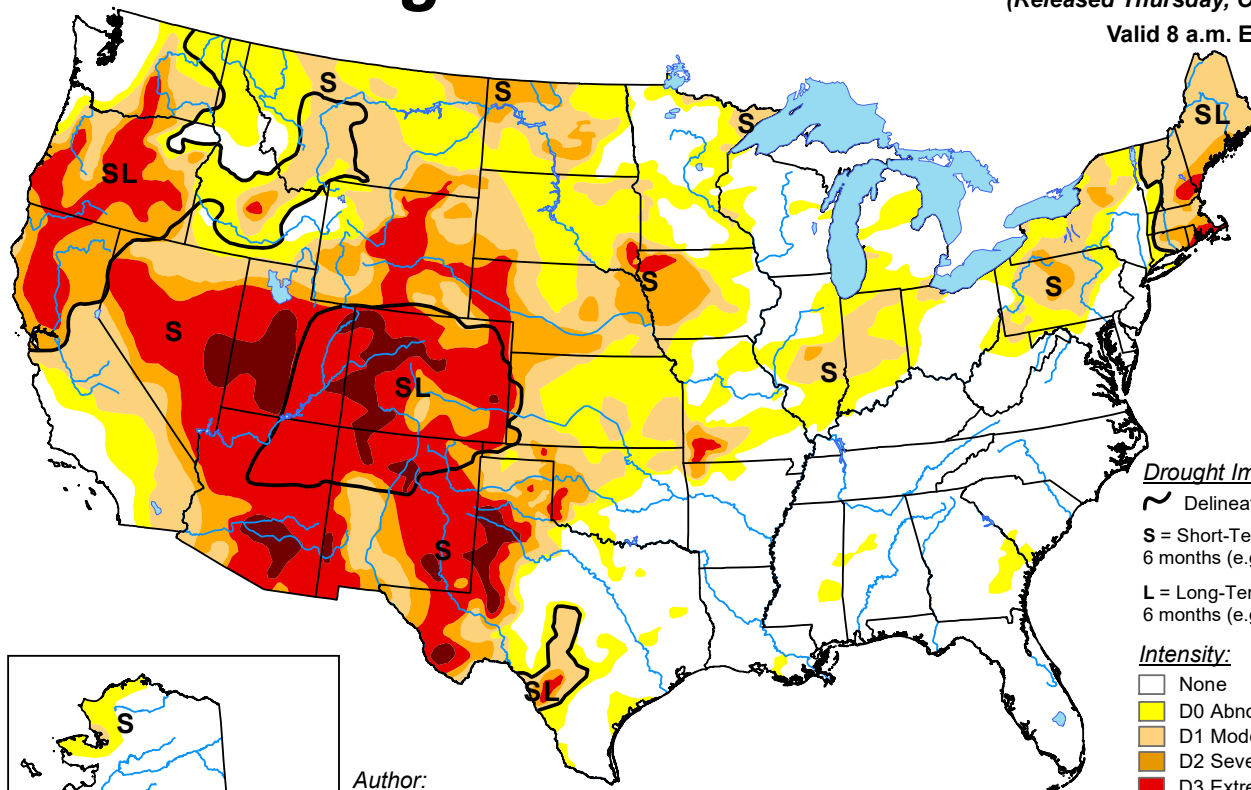
Mostly dry, warmer-than-normal weather dominated major farming areas of northern and central Mexico, prompting rapid development of corn and other summer crops. No rain fell from Guanajuato northward to the U.S. border, with widely-scattered, generally light showers (rainfall mostly totaling below 10 mm) across the southern plateau (Jalisco to Puebla) and along the southern Pacific Coast

(Michoacan to southern Oaxaca). Weekly temperatures averaged 2 to 4°C above normal throughout the aforementioned region, with daytime highs approaching 40°C in parts of the northwest and northeast. Elsewhere, showers (10-50 mm) lingered over the southeast, including Tabasco and southern Veracruz, further increasing reservoir levels for the upcoming winter farming season.

U.S. Drought Monitor

October 20, 2020
(Released Thursday, Oct. 22, 2020)

Valid 8 a.m. EDT



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:
Curtis Riganti
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>



droughtmonitor.unl.edu

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Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.

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