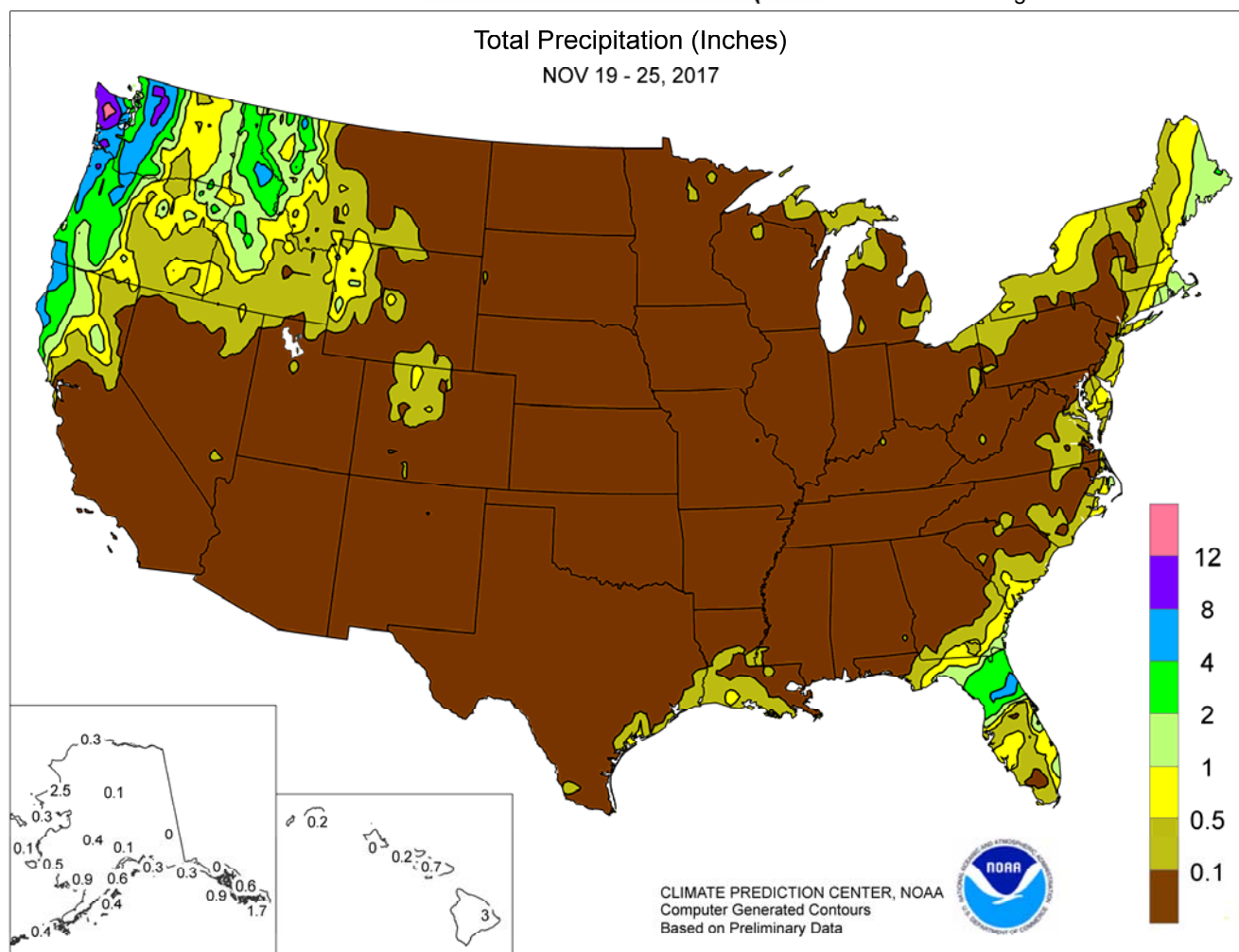


WEEKLY WEATHER AND CROP BULLETIN

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

November 19 – 25, 2017

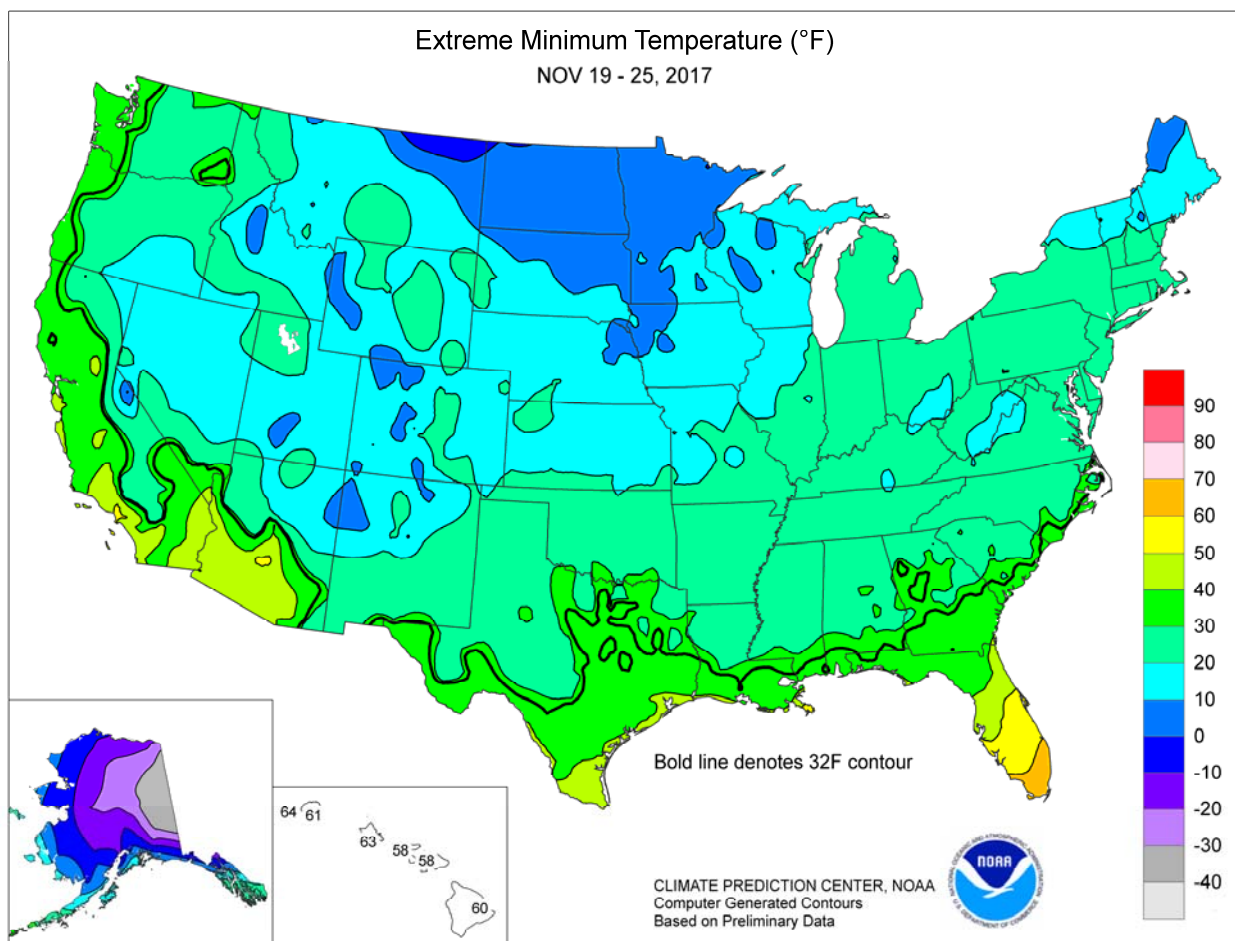
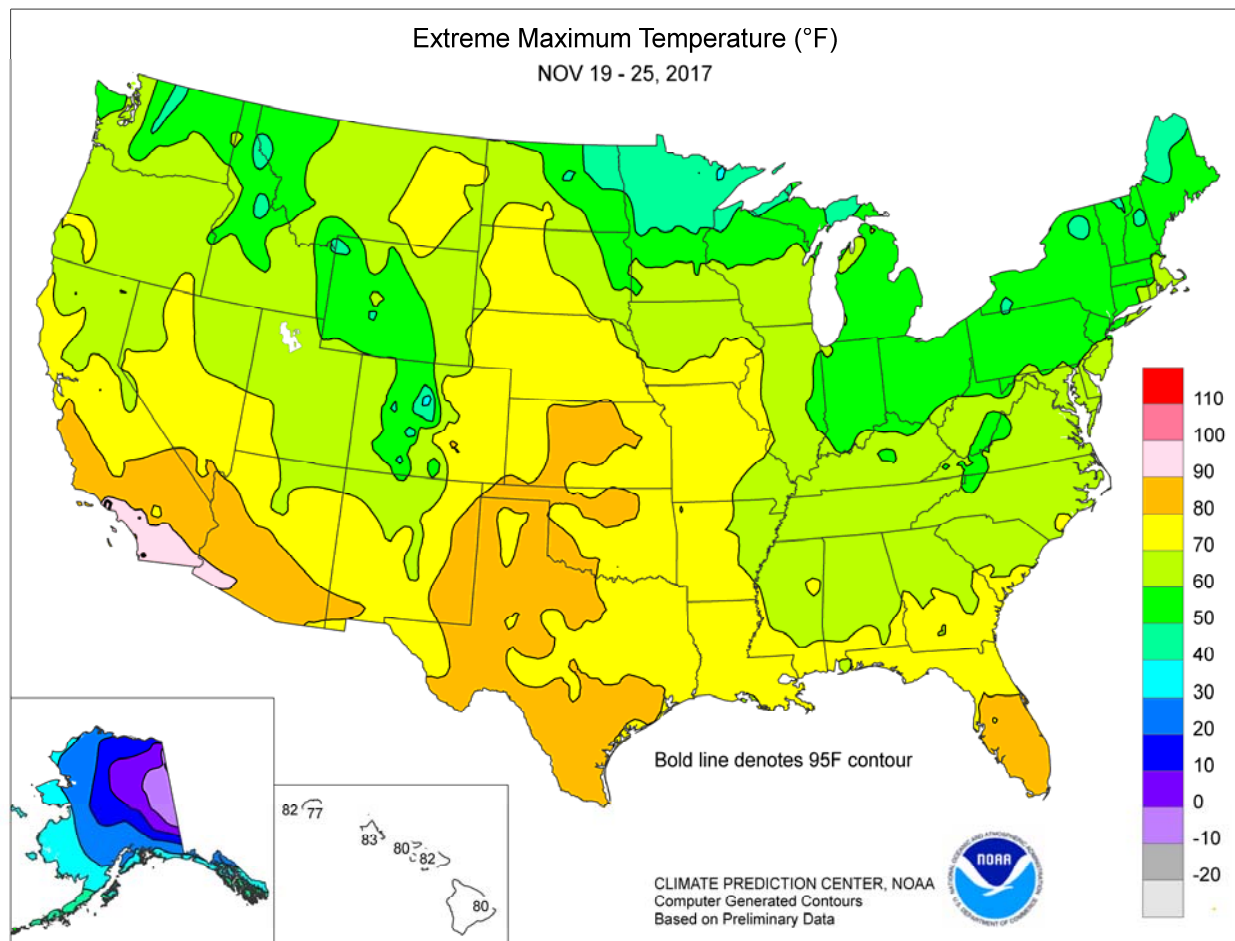
Highlights provided by USDA/WAOB

Dry weather dominated the country, except along the **Atlantic Seaboard**, downwind of the **Great Lakes**, and in the **Northwest**. Across vast sections of the nation, stretching from the **Southwest to the Plains, Midwest, mid-South, and much of the Southeast**, Thanksgiving Week conditions were nearly ideal for late-autumn fieldwork. In particular, cool but dry weather in previously wet areas of the **eastern Corn Belt** allowed corn and soybean harvest efforts to resume and near completion. However, the expansive dryness also further

(Continued on page 3)

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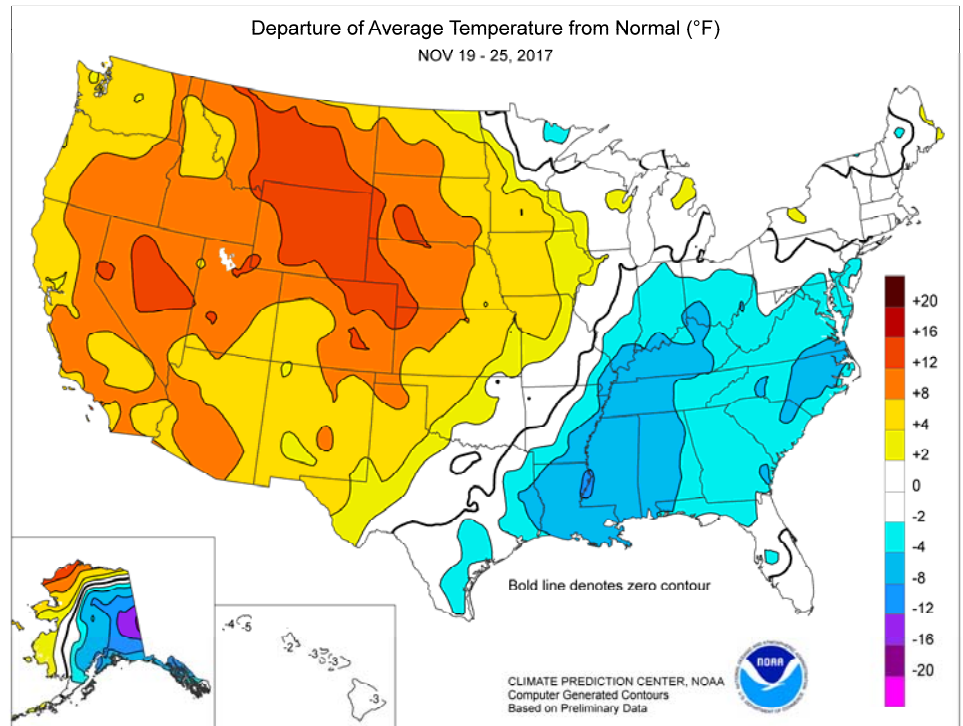


(Continued from front cover)

reduced topsoil moisture for winter wheat and cover crops, especially in parts of the **Plains**, **mid-South**, and **Southeast**. In addition, **southern California** and the **Southwest** continued to await seasonal rainfall, which has not yet materialized in part due to the influence of the developing La Niña on **North American** weather patterns. Aside from some heavy rain in **coastal New England** and the **southern Atlantic region**, significant precipitation was confined to the **Northwest**. Weekly totals of 4 to 12 inches, with locally higher amounts, were reported from the **Cascades westward**, with unusual warmth restricting **Northwestern** snow accumulations to the highest elevations. In fact, late-season warmth across much of the **western and central U.S.** contrasted with chilly conditions from the **Ohio Valley southward to the Gulf Coast**. Weekly temperatures generally ranged from 5 to 15°F above normal from the **Pacific Coast to the Plains** and **westernmost Corn Belt**, but averaged at least 5°F below normal in the **central Gulf Coast States**, the **Tennessee Valley**, and portions of the **southern Mid-Atlantic region**. From November 22-24, record-setting warmth broadly covered the **western and central U.S.** Temperatures soared to 80°F or higher as far north as the **central Plains** and topped 70°F in **eastern Montana**. Readings above 90°F were noted in parts of **southern California** and **southwestern Arizona**.

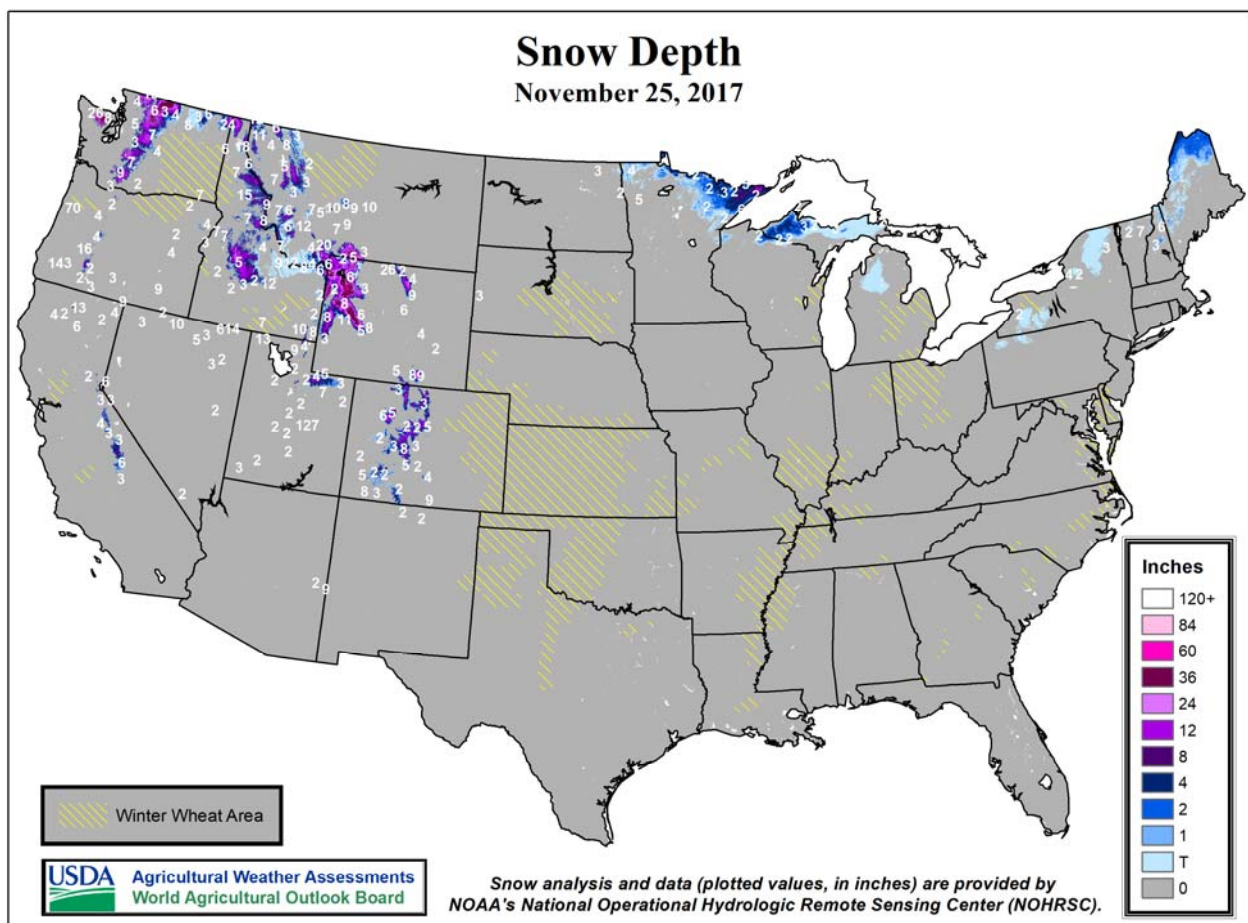
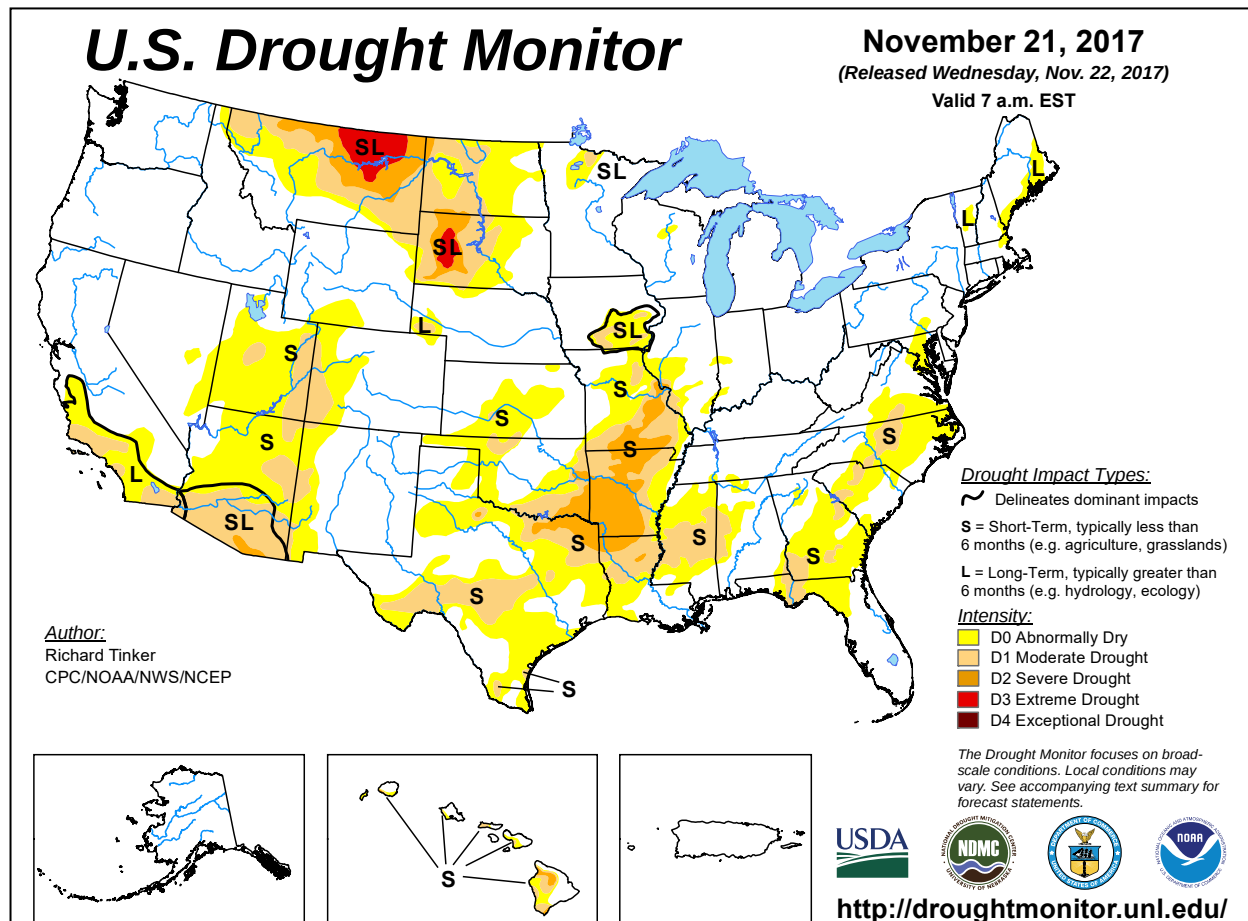
Early-week precipitation fell from the **lower Great Lakes region into the Northeast**, resulting in daily-record totals for November 19 in locations such as **Caribou, ME** (0.77 inch), and **Watertown, NY** (0.69 inch). Windy weather and snow showers trailed the rain, with **Albany, NY**, reporting a daily-record (westerly) wind gust to 56 mph on the 19th. A trace of snow fell on November 20 at Central Park in **New York City**, tying a daily record. Meanwhile, heavy precipitation spread from the **Pacific Northwest to the northern Rockies**, accompanied by high winds. On November 20 in **western Montana**, a wind gust to 93 mph was reported by an automated weather station in **Glacier County**, south-southwest of **Browning**, while a gust to 82 mph was clocked in **Chouteau County**, near **Fort Benton**. Farther west, **Quillayute, WA**, collected a daily-record rainfall total (2.54 inches) on November 21. **Quillayute** also received measurable rain each day from November 19-25, totaling 8.74 inches. Periods of rain in **northern Florida** led to daily-record totals in locations such as **Jacksonville** (1.68 inches on November 21) and **Gainesville** (2.53 inches on Thanksgiving Day, November 23).

Cool air settled across the **South and East** in the wake of a cold front's passage. By November 22, daily-record lows were noted in locations such as **Joplin, MO** (19°F), and **Ponca City, OK** (20°F). The following day, lows of 27°F in **Alexandria, LA**, and **Stuttgart, AR**, set records for November 23. In contrast, record-setting warmth appeared across the **West** on November 21, later spreading to the **nation's mid-section**. The warm spell began on November 21-22 with consecutive daily-record highs in locations such as **Medford, OR** (70 and 72°F), and **Bellingham, WA** (60 and 68°F). At mid-week, heat arrived in **southern California**. With a high of 99°F on November 22, **Camarillo** achieved a monthly record high (previously, 98°F on November 5, 2012). Elsewhere in **California** on the 22nd, daily-record highs topped the 90-degree mark in locations such as **Palm Springs** (96°F), **Santa Ana** (96°F), **Riverside** (95°F), and **San Diego** (92°F). Thanksgiving Day, November 23, featured daily-record highs in dozens of locations, including **Yuma, AZ** (91°F); **Las Vegas, NV** (80°F); **Pueblo, CO** (76°F); **Valentine, NE** (76°F); **Rapid City, SD** (75°F); **Sheridan, WY** (74°F); and **Glasgow, MT** (73°F). In **North Dakota**



locations such as **Bismarck** (74°F), **Dickinson** (70°F), and **Williston** (67°F), it was the warmest Thanksgiving Day on record. Previous records had been 62°F (on November 28, 2002) in **Bismarck**; 65°F (on November 26, 1998) in **Dickinson**; and 56°F (on November 28, 2002) in **Williston**. With a high of 67°F on November 23, **Albuquerque, NM**, tied a Thanksgiving Day record originally set on November 24, 1949. The parade of daily-record highs continued through November 24, when temperatures soared to 87°F in **Salina, KS**; 85°F in **Childress, TX**; 84°F in **Roswell, NM**; and 82°F in **Ponca City, OK**, and **Pueblo, CO**. **Sioux City, IA**, registered consecutive daily-record highs (63 and 68°F, respectively) on November 23-24. Elsewhere on the 24th, **Yuma, AZ**, notched a second consecutive daily-record high, reaching 90°F. By November 25, record-setting warmth temporarily retreated into the **West**, where daily-record highs included 91°F in **Campo, CA**; 88°F in **Tucson, AZ**; and 70°F in **Cedar City, UT**. In fact, both **Tucson** (89, 88, 88, 92, and 92°F from November 23-27) and **Cedar City** (69, 71, 73, 70, and 73°F from November 22-26) tallied five consecutive daily-record highs.

Cold air engulfed much of the **Alaskan mainland**, as well as the southeastern part of the state. Lingering mild conditions were confined to the state's northern and western tiers, where **St. Paul Island** logged three consecutive daily-record highs (45, 44, and 45°F) from November 20-22. **St. Paul Island** also received very heavy precipitation—mostly rain—with 4.49 inches falling from November 22-25. In addition, **St. Paul Island's** month-to-date precipitation climbed to 6.73 inches (274 percent of normal), erasing its November 1993 record of 5.40 inches. Finally, November 23 became **St. Paul Island's** wettest day on record, with the 2.18-inch total easily surpassing the former mark of 1.93 inches on October 6, 1949. Elsewhere, weekly (November 19-25) snowfall totals included 8.8 inches in **McGrath**; 8.6 inches in **Juneau**; and 8.4 inches in **Fairbanks**. Meanwhile in **Kotzebue**, a series of storms boosted the snow depth from 12 to 40 inches between November 16 and 26. **Kotzebue** also reported an easterly wind gust to 61 mph on November 21, at the height of the storminess. Farther south, unusually cool weather prevailed in **Hawaii**. From November 18-20, **Lihue, Kauai**, posted a trio of daily-record lows (62, 62, and 61°F). Elsewhere on the 20th, **Hilo**—on the **Big Island**—also collected a daily-record low (60°F). However, locally heavy showers returned to **Hawaii's** windward areas during the mid- to late-week period. **Hilo** received 3.52 inches from November 22-25, aided by a daily-record total (2.31 inches) on the 23rd.



National Weather Data for Selected Cities

Weather Data for the Week Ending November 25, 2017

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
AL	BIRMINGHAM	62	33	67	28	48	-4	0.00	-1.13	0.00	9.09	83	64.65	133	92	35	0	3	0	0
	HUNTSVILLE	60	32	65	25	46	-4	0.00	-1.30	0.00	8.87	74	49.05	97	88	47	0	4	0	0
	MOBILE	66	40	73	33	53	-5	0.00	-1.37	0.00	16.79	124	79.25	131	80	43	0	0	0	0
AK	MONTGOMERY	64	35	68	28	49	-6	0.00	-1.18	0.00	8.56	84	67.17	138	85	38	0	2	0	0
	ANCHORAGE	21	6	28	1	13	-7	0.21	-0.01	0.20	6.25	107	18.18	123	75	67	0	7	2	0
	BARROW	16	6	25	-6	11	14	0.27	0.24	0.16	2.47	208	9.32	234	91	77	0	7	5	0
	FAIRBANKS	3	-19	7	-26	-8	-8	0.00	-0.14	0.00	3.86	150	12.72	135	87	81	0	7	0	0
	JUNEAU	28	16	31	7	22	-10	0.55	-0.62	0.21	19.05	93	60.58	116	97	86	0	7	3	0
	KODIAK	36	28	39	19	32	-1	0.38	-1.11	0.31	11.10	51	51.73	78	76	55	0	6	3	0
AZ	NOME	26	9	34	-4	18	2	0.31	0.03	0.24	7.74	151	16.43	107	88	72	0	7	2	0
	FLAGSTAFF	65	23	73	10	44	9	0.00	-0.41	0.00	0.43	8	18.01	87	66	15	0	7	0	0
	PHOENIX	84	56	88	52	70	10	0.00	-0.17	0.00	0.00	0	4.71	65	39	19	0	0	0	0
	PRESCOTT	73	34	79	22	54	12	0.00	-0.28	0.00	0.52	12	12.37	70	55	12	0	2	0	0
	TUCSON	84	50	89	48	67	10	0.00	-0.14	0.00	0.14	4	10.28	93	33	16	0	0	0	0
	FORT SMITH	65	34	75	29	50	1	0.00	-1.15	0.00	3.55	31	45.65	115	81	28	0	2	0	0
CA	LITTLE ROCK	61	33	72	29	47	-3	0.00	-1.38	0.00	2.26	18	39.55	88	90	30	0	3	0	0
	BAKERSFIELD	75	49	78	42	62	9	0.00	-0.14	0.00	0.55	62	5.34	96	71	55	0	0	0	0
	FRESNO	72	48	76	41	60	9	0.00	-0.25	0.00	0.47	27	13.11	136	88	70	0	0	0	0
	LOS ANGELES	82	59	94	52	71	10	0.00	-0.28	0.00	0.18	13	12.25	111	72	27	2	0	0	0
	REDDING	64	48	71	34	56	7	0.96	0.00	0.93	4.98	84	33.37	119	96	83	0	0	3	1
	SACRAMENTO	64	48	69	38	56	5	0.00	-0.52	0.00	1.88	64	25.51	170	100	74	0	0	0	0
	SAN DIEGO	79	57	92	52	68	7	0.00	-0.25	0.00	0.08	5	7.83	85	66	37	1	0	0	0
	SAN FRANCISCO	66	54	69	46	60	6	0.00	-0.61	0.00	2.80	88	24.77	149	86	75	0	0	0	0
	STOCKTON	70	48	78	37	59	8	0.00	-0.41	0.00	0.78	31	16.41	141	97	83	0	0	0	0
CO	ALAMOSA	57	14	67	4	36	10	0.00	-0.08	0.00	1.86	96	10.55	155	80	38	0	7	0	0
	CO SPRINGS	64	32	74	21	48	14	0.00	-0.08	0.00	3.15	124	18.43	109	67	17	0	4	0	0
	DENVER INTL	66	32	72	23	49	14	0.02	-0.09	0.02	2.52	105	11.49	87	68	18	0	4	1	0
	GRAND JUNCTION	56	29	63	14	43	7	0.00	-0.14	0.00	1.03	41	5.04	60	72	46	0	5	0	0
	PUEBLO	69	29	82	17	49	13	0.00	-0.11	0.00	1.72	87	15.98	134	76	34	0	5	0	0
	BRIDGEPORT	52	34	58	29	43	-1	0.73	-0.11	0.52	10.96	108	39.55	99	74	52	0	2	2	1
CT	HARTFORD	51	30	58	24	41	1	0.45	-0.48	0.29	12.04	105	43.15	103	84	47	0	5	2	0
DC	WASHINGTON	57	37	64	32	47	0	0.09	-0.61	0.08	5.48	58	35.12	98	80	40	0	2	2	0
DE	WILMINGTON	54	31	61	26	43	-1	0.41	-0.36	0.31	6.51	68	38.63	100	87	41	0	5	2	0
FL	DAYTONA BEACH	74	57	76	48	66	0	1.46	0.79	1.27	19.10	140	48.78	106	98	64	0	0	4	1
	JACKSONVILLE	73	51	79	41	62	1	2.42	1.87	1.68	19.95	146	67.69	137	94	57	0	0	2	2
	KEY WEST	80	71	81	69	76	0	0.56	0.02	0.39	15.70	129	35.94	98	88	69	0	0	2	0
	MIAMI	83	69	85	65	76	2	1.09	0.40	0.41	31.59	179	82.06	146	93	58	0	0	3	0
	ORLANDO	76	58	81	49	67	-1	0.12	-0.43	0.08	17.86	173	51.32	113	98	77	0	0	2	0
	PENSACOLA	67	46	71	42	57	-2	0.02	-1.03	0.02	13.40	99	88.24	148	75	42	0	0	1	0
	TALLAHASSEE	69	45	73	33	57	-2	0.56	-0.35	0.36	7.97	70	53.24	91	95	61	0	0	3	0
	TAMPA	78	60	82	51	69	1	0.11	-0.30	0.03	13.19	132	46.76	111	89	61	0	0	4	0
	WEST PALM BEACH	80	69	83	65	74	2	0.00	-1.30	0.00	24.99	137	59.88	104	84	62	0	0	0	0
GA	ATHENS	63	35	67	27	49	-2	0.00	-0.86	0.00	11.10	110	53.09	122	96	47	0	2	0	0
	ATLANTA	62	40	67	32	51	-1	0.00	-1.00	0.00	9.16	87	48.10	106	83	49	0	1	0	0
	AUGUSTA	66	35	70	27	50	-3	0.03	-0.55	0.02	6.47	71	40.84	100	90	54	0	3	2	0
	COLUMBUS	67	42	72	32	55	0	0.03	-0.97	0.03	9.38	111	48.39	112	84	40	0	1	1	0
	MACON	67	39	71	28	53	-1	0.12	-0.67	0.12	7.89	97	45.43	113	93	42	0	1	1	0
	SAVANNAH	67	44	73	34	55	-2	0.70	0.18	0.51	10.49	103	52.85	114	96	59	0	0	2	1
HI	HILO	78	64	80	60	71	-3	3.02	-0.78	1.77	32.50	103	86.56	77	85	72	0	0	3	2
	HONOLULU	82	69	83	63	76	-1	0.00	-0.50	0.00	3.35	71	19.21	128	66	59	0	0	0	0
	KAHULUI	80	64	82	58	72	-3	0.66	0.13	0.48	2.79	90	18.05	119	86	74	0	0	5	0
	LIHUE	76	64	77	61	70	-5	0.20	-0.89	0.09	4.34	40	22.21	65	84	73	0	0	5	0
	BOISE	56	40	66	28	48	10	0.41	0.08	0.25	2.77	108	14.19	136	82	64	0	1	4	0
	LEWISTON	55	40	63	33	47	8	0.83	0.55	0.31	3.39	125	13.79	121	89	70	0	0	4	0
ID	POCATELLO	55	32	67	19	43	10	0.26	0.01	0.24	4.68	171	16.23	145	88	65	0	4	2	0
	CHICAGO/O'HARE	48	29	63	22	38	1	0.02	-0.67	0.02	10.77	127	42.51	128	70	48	0	7	1	0
	MOLINE	51	28	72	18	40	3	0.02	-0.59	0.02	9.47	115	36.00	102	68	48	0	5	1	0
	PEORIA	51	28	67	19	40	2	0.00	-0.72	0.00	7.41	89	33.13	100	80	40	0	6	0	0
	ROCKFORD	48	26	65	18	37	2	0.00	-0.61	0.00	7.39	90	44.18	130	75	52	0	6	0	0
	SPRINGFIELD	53	30	68	21	41	1	0.00	-0.66	0.00	5.96	77	31.20	96	77	39	0	5	0	0
IN	EVANSVILLE	52	29	61	25	41	-3	0.00	-1.02	0.00	10.63	117	42.36	106	81	47	0	6	0	0
	FORT WAYNE	47	29	57	27	38	-1	0.05	-0.64	0.05	9.32	119	48.60	146	81	52	0	6	1	0
	INDIANAPOLIS	49	28	59	23	38	-3	0.00	-0.85	0.00	8.48	99	47.23	127	79	44	0	6	0	0
	SOUTH BEND	46	27	57	24	37	-1	0.12	-0.68	0.12	13.82	141	41.41	115	77	60	0	7	1	0
	BURLINGTON	52	28	73	18	40	2	0.00	-0.63	0.00	6.33	72								

Weather Data for the Week Ending November 25, 2017

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 JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.		
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	
KY	WICHITA	62	31	76	20	47	5	0.00	-0.39	0.00	6.06	87	33.41	116	75	41	0	4	0	0	
	JACKSON	54	32	64	25	43	-3	0.03	-1.00	0.03	9.89	96	48.21	109	76	40	0	5	1	0	
	LEXINGTON	52	29	61	20	40	-4	0.00	-0.84	0.00	11.80	139	47.32	115	74	48	0	5	0	0	
	LOUISVILLE	53	33	63	26	43	-3	0.00	-0.93	0.00	12.39	140	41.77	104	72	37	0	5	0	0	
LA	PADUCAH	55	28	63	22	41	-4	0.00	-1.12	0.00	9.97	94	43.09	98	72	38	0	5	0	0	
	BATON ROUGE	66	38	73	33	52	-6	0.09	-1.06	0.09	5.62	45	61.01	107	89	35	0	0	1	0	
	LAKE CHARLES	66	42	76	37	54	-5	0.48	-0.65	0.48	7.03	52	70.27	136	90	41	0	0	1	0	
	NEW ORLEANS	67	46	73	37	56	-4	0.00	-1.28	0.00	3.60	29	67.25	116	75	44	0	0	0	0	
ME	SHREVEPORT	65	36	76	30	51	-4	0.00	-1.07	0.00	2.58	22	32.68	71	92	36	0	1	0	0	
	CARIBOU	37	23	49	10	30	1	1.09	0.37	0.77	12.38	141	38.23	114	84	64	0	6	3	1	
MD	PORTLAND	47	29	56	24	38	1	0.81	-0.28	0.43	9.47	81	40.16	98	80	48	0	6	2	0	
	BALTIMORE	56	30	63	25	43	-1	0.17	-0.57	0.16	7.07	73	37.31	98	80	45	0	5	2	0	
MA	BOSTON	52	35	60	31	44	0	1.10	0.19	0.89	9.67	91	40.95	107	80	43	0	2	2	1	
	WORCESTER	48	29	55	25	38	0	0.88	-0.09	0.46	13.14	104	42.36	95	78	43	0	6	2	0	
MI	ALPENA	45	27	57	24	36	3	0.06	-0.40	0.04	11.38	166	39.37	150	84	58	0	7	3	0	
	GRAND RAPIDS	46	30	58	28	38	1	0.05	-0.77	0.04	13.13	135	37.46	111	83	58	0	7	2	0	
	HOUGHTON LAKE	***	***	***	***	***	***	***	***	***	9.69	139	36.30	139	***	***	***	***	***	***	
	LANSING	46	29	57	27	37	1	0.08	-0.55	0.06	12.90	163	38.60	134	77	61	0	7	2	0	
MN	MUSKEGON	47	30	59	26	39	2	0.01	-0.75	0.01	12.53	140	33.69	114	70	54	0	6	1	0	
	TRAVERSE CITY	46	30	64	27	38	3	0.07	-0.54	0.04	13.17	151	37.56	124	82	51	0	6	3	0	
	DULUTH	34	17	41	7	25	-1	0.09	-0.39	0.07	8.30	99	36.08	121	88	70	0	6	2	0	
	INT'L FALLS	32	11	44	1	21	-1	0.00	-0.29	0.00	5.55	90	22.30	97	83	63	0	7	0	0	
	MINNEAPOLIS	45	25	60	15	35	5	0.00	-0.41	0.00	5.92	91	31.56	112	79	55	0	6	0	0	
	ROCHESTER	44	22	61	11	33	4	0.01	-0.43	0.01	7.68	109	35.16	117	86	58	0	6	1	0	
MS	ST. CLOUD	41	18	57	9	30	4	0.00	-0.30	0.00	8.81	134	30.34	115	91	51	0	6	0	0	
	JACKSON	64	35	70	30	50	-4	0.00	-1.23	0.00	4.13	39	58.02	117	85	33	0	3	0	0	
MO	MERIDIAN	64	32	68	29	48	-7	0.00	-1.23	0.00	4.87	45	57.75	110	93	47	0	4	0	0	
	TUPELO	58	31	66	24	44	-6	0.00	-1.25	0.00	5.17	49	41.22	85	81	36	0	6	0	0	
	COLUMBIA	57	31	74	20	44	3	0.00	-0.81	0.00	6.29	66	37.70	101	75	32	0	4	0	0	
	KANSAS CITY	57	33	72	16	45	5	0.00	-0.52	0.00	7.94	81	45.82	127	69	33	0	3	0	0	
	SAINT LOUIS	56	32	74	24	44	1	0.00	-0.90	0.00	5.48	63	35.77	102	65	47	0	4	0	0	
	SPRINGFIELD	59	31	74	20	45	1	0.00	-1.10	0.00	3.44	29	46.01	112	76	44	0	5	0	0	
MT	BILLINGS	56	36	71	25	46	14	0.14	0.00	0.14	4.55	142	16.09	115	70	39	0	3	1	0	
	BUTTE	48	22	59	8	35	10	0.25	0.14	0.16	2.67	114	11.44	94	85	39	0	6	3	0	
	CUT BANK	49	31	58	14	40	13	0.06	-0.02	0.06	1.15	59	8.55	71	80	44	0	3	1	0	
	GLASGOW	50	20	73	1	35	10	0.04	-0.03	0.04	2.18	110	5.89	55	81	50	0	7	1	0	
NE	GREAT FALLS	54	34	68	15	44	14	0.05	-0.06	0.04	3.98	151	13.63	97	67	31	0	3	2	0	
	HAVRE	50	28	69	16	39	12	0.01	-0.07	0.01	3.28	168	6.87	64	72	49	0	6	1	0	
	MISSOULA	44	28	57	22	36	6	0.64	0.42	0.32	3.35	127	13.64	110	95	83	0	5	4	0	
	GRAND ISLAND	60	27	74	15	44	10	0.00	-0.31	0.00	8.55	167	30.13	120	79	45	0	4	0	0	
	LINCOLN	59	25	75	12	42	6	0.00	-0.35	0.00	6.82	110	36.65	134	73	39	0	6	0	0	
	NORFOLK	58	23	72	10	41	8	0.00	-0.31	0.00	5.71	110	27.48	107	85	44	0	6	0	0	
	NORTH PLATTE	63	23	73	16	43	11	0.00	-0.14	0.00	7.93	246	27.48	143	88	31	0	7	0	0	
	OMAHA	56	26	72	15	41	6	0.00	-0.41	0.00	7.03	102	26.20	90	71	46	0	6	0	0	
	SCOTTSBLUFF	64	27	73	16	45	13	0.00	-0.17	0.00	2.84	99	14.87	95	65	42	0	7	0	0	
	VALENTINE	64	24	76	15	44	13	0.01	-0.13	0.01	4.48	131	19.49	102	79	46	0	6	1	0	
NV	ELY	64	27	70	10	45	13	0.00	-0.11	0.00	1.84	74	9.23	98	63	31	0	6	0	0	
	LAS VEGAS	74	50	80	41	62	9	0.00	-0.06	0.00	0.46	61	2.38	60	38	25	0	0	0	0	
	RENO	65	41	73	26	53	14	0.00	-0.19	0.00	1.90	131	13.37	210	73	51	0	1	0	0	
	WINNEMUCCA	62	34	72	15	48	12	0.04	-0.13	0.04	0.82	46	7.74	106	80	54	0	2	1	0	
NH	CONCORD	49	28	59	21	38	2	0.43	-0.38	0.32	12.33	128	41.12	121	86	44	0	6	2	0	
NJ	NEWARK	54	34	60	27	44	-1	0.38	-0.56	0.26	8.15	79	45.82	109	71	39	0	2	2	0	
NM	ALBUQUERQUE	63	36	69	27	49	7	0.00	-0.11	0.00	2.24	86	7.67	86	49	19	0	2	0	0	
NY	ALBANY	47	32	54	27	40	2	0.21	-0.53	0.15	6.31	68	38.11	109	73	46	0	4	2	0	
	BINGHAMTON	45	29	52	25	37	1	0.15	-0.65	0.09	7.00	75	46.72	134	72	58	0	5	3	0	
	BUFFALO	47	32	54	26	39	0	0.66	-0.28	0.29	13.17	129	45.45	126	86	51	0	4	4	0	
	ROCHESTER	48	33	57	29	41	3	0.50	-0.16	0.35	12.00	144	43.01	140	78	54	0	4	3	0	
	SYRACUSE	47	30	52	25	39	1	0.62	-0.29	0.40	10.95	105	43.46	120	82	54	0	5	4	0	
	ASHEVILLE	58	30	62	27	44	-1	0.00	-0.89	0.00	15.02	150	51.64	120	87	44	0	5	0	0	
	CHARLOTTE	61	32	66	25	47	-4	0.22	-0.54	0.21	7.61	74	42.56	107	95	39	0	4	2	0	
	GREENSBORO	60	32	65	27	46	-2	0.10	-0.59	0.06	6.83	69	41.26	104	91	36	0	4	2	0	
	HATTERAS	63	47	69	38	55	-1	1.12	0.03	1.00	11.44	75	53.23	101	95	58	0	0	3	1	
	RALEIGH	60	30	67	26	45	-5	0.11	-0.58	0.08	7.86	80	43.27	110	89	38	0	6	2	0	
	WILMINGTON	64	40	72	32	52	-3	0.29	-0.52	0.21	11.40	91	58.76	112	91	43					

Weather Data for the Week Ending November 25, 2017

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 JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	PRECIP		
																			.01 INCH OR MORE	.50 INCH OR MORE	
OK	TOLEDO	47	31	55	27	39	0	0.07	-0.59	0.07	11.01	149	37.81	126	78	54	0	5	1	0	
	YOUNGSTOWN	46	31	54	26	39	0	0.17	-0.59	0.09	9.44	108	42.16	123	74	51	0	5	2	0	
	OKLAHOMA CITY	64	35	79	28	49	2	0.00	-0.44	0.00	9.85	105	32.98	98	69	25	0	4	0	0	
OR	TULSA	64	36	77	25	50	2	0.00	-0.80	0.00	8.98	77	43.97	112	59	36	0	2	0	0	
	ASTORIA	57	44	64	34	51	5	4.53	1.94	1.33	23.93	144	73.99	136	95	85	0	0	7	4	
	BURNS	51	30	64	15	41	10	0.26	0.00	0.12	2.37	116	10.75	119	94	78	0	4	5	0	
PA	EUGENE	56	41	67	26	49	5	1.48	-0.65	0.89	11.80	102	37.41	92	100	95	0	1	5	1	
	MEDFORD	57	43	72	30	50	8	0.73	0.00	0.51	3.62	83	16.84	114	99	82	0	1	6	1	
	PENDLETON	56	35	70	25	46	7	0.32	-0.07	0.14	3.47	119	14.83	136	87	71	0	2	4	0	
	PORTLAND	55	42	63	35	49	4	2.21	0.82	0.95	12.27	137	41.59	138	97	86	0	0	6	2	
	SALEM	57	43	64	34	50	6	1.72	0.12	0.50	13.64	144	47.09	146	92	83	0	0	7	1	
	ALLENTOWN	53	28	60	24	40	-1	0.24	-0.64	0.23	10.12	94	49.66	121	77	43	0	6	2	0	
	ERIE	46	34	54	31	40	-1	0.60	-0.34	0.20	14.47	122	48.84	128	70	51	0	4	4	0	
	MIDDLETOWN	52	31	59	25	41	-2	0.01	-0.84	0.01	9.10	98	43.30	118	85	40	0	4	1	0	
	PHILADELPHIA	54	35	62	30	45	-1	0.42	-0.35	0.33	9.40	103	40.61	107	73	40	0	2	2	0	
	PITTSBURGH	49	30	56	21	39	-2	0.16	-0.58	0.12	9.39	120	42.23	123	81	45	0	6	2	0	
RI	WILKES-BARRE	50	30	57	26	40	0	0.16	-0.58	0.12	6.70	71	37.12	108	79	44	0	6	4	0	
	WILLIAMSPORT	50	30	57	24	40	1	0.02	-0.83	0.02	9.21	91	45.44	120	76	47	0	5	1	0	
	PROVIDENCE	53	34	62	28	43	1	1.77	0.74	1.28	12.23	111	46.43	112	83	53	0	3	2	1	
SC	BEAUFORT	66	45	72	36	56	-1	0.99	0.41	0.62	12.74	122	46.49	101	92	52	0	0	2	1	
	CHARLESTON	65	42	73	35	54	-3	0.43	-0.19	0.26	11.92	106	50.36	105	95	48	0	0	3	0	
	COLUMBIA	64	36	69	30	50	-3	0.24	-0.42	0.24	7.38	80	44.13	99	92	48	0	3	1	0	
SD	GREENVILLE	61	36	65	30	49	-1	0.02	-0.85	0.02	12.21	111	50.18	110	88	41	0	2	1	0	
	ABERDEEN	49	14	61	0	32	5	0.00	-0.12	0.00	2.81	68	15.37	78	92	59	0	7	0	0	
	HURON	52	19	63	8	36	7	0.00	-0.16	0.00	7.80	187	21.71	106	89	39	0	7	0	0	
TN	RAPID CITY	61	25	75	17	43	12	0.00	-0.09	0.00	1.86	61	11.68	72	73	30	0	6	0	0	
	SIOUX FALLS	52	22	66	11	37	8	0.00	-0.28	0.00	6.93	121	25.60	107	80	51	0	6	0	0	
	BRISTOL	57	27	63	23	42	-2	0.01	-0.75	0.01	6.53	84	42.75	115	98	44	0	7	1	0	
TX	CHATTANOOGA	59	33	65	28	46	-3	0.00	-1.21	0.00	11.34	99	55.08	113	83	46	0	3	0	0	
	KNOXVILLE	56	32	62	26	44	-4	0.00	-0.99	0.00	10.95	125	49.07	115	97	51	0	5	0	0	
	MEMPHIS	58	34	68	29	46	-5	0.00	-1.45	0.00	7.44	67	44.09	92	74	34	0	3	0	0	
	NASHVILLE	57	31	67	24	44	-4	0.00	-1.11	0.00	11.28	114	48.12	113	76	30	0	5	0	0	
	ABILENE	67	37	76	28	52	0	0.00	-0.23	0.00	5.43	78	19.86	89	68	36	0	2	0	0	
	AMARILLO	67	34	78	25	51	8	0.00	-0.10	0.00	5.60	140	26.48	139	66	23	0	4	0	0	
	AUSTIN	72	37	81	31	54	-4	0.00	-0.56	0.00	6.64	72	37.89	123	69	33	0	1	0	0	
	BEAUMONT	68	44	79	38	56	-4	0.94	-0.19	0.94	9.09	62	98.07	182	87	48	0	0	1	1	
	BROWNSVILLE	78	55	85	47	67	1	0.13	-0.22	0.13	8.68	82	21.72	83	89	55	0	0	1	0	
	CORPUS CHRISTI	75	47	86	38	61	-3	0.00	-0.33	0.00	4.16	40	26.51	88	79	41	0	0	0	0	
UT	DEL RIO	74	40	83	34	57	-1	0.00	-0.19	0.00	6.79	139	22.68	131	82	33	0	0	0	0	
	EL PASO	72	42	78	39	57	6	0.00	-0.09	0.00	1.49	56	9.41	111	45	15	0	0	0	0	
	FORT WORTH	69	42	79	35	55	2	0.00	-0.51	0.00	3.39	39	32.02	101	71	27	0	0	0	0	
	GALVESTON	70	56	77	50	63	-1	0.10	-0.78	0.10	3.03	25	53.48	135	81	49	0	0	1	0	
	HOUSTON	72	44	81	38	58	-2	0.00	-0.94	0.00	5.15	42	75.97	175	87	48	0	0	0	0	
	LUBBOCK	71	34	84	24	53	7	0.00	-0.14	0.00	3.99	82	21.95	123	62	27	0	3	0	0	
	MIDLAND	71	38	82	29	54	4	0.00	-0.11	0.00	4.61	100	17.38	124	60	22	0	1	0	0	
	SAN ANGELO	70	36	82	30	53	1	0.00	-0.20	0.00	5.25	81	17.35	88	73	25	0	3	0	0	
	SAN ANTONIO	72	43	82	36	57	-1	0.00	-0.52	0.00	3.79	41	23.28	76	71	27	0	0	0	0	
	VICTORIA	74	43	83	34	58	-3	0.00	-0.57	0.00	4.18	36	45.21	121	87	40	0	0	0	0	
VA	WACO	69	38	78	30	54	-1	0.00	-0.58	0.00	2.95	34	31.64	105	84	36	0	2	0	0	
	WICHITA FALLS	68	34	82	29	51	1	0.00	-0.33	0.00	4.54	59	24.62	92	65	35	0	3	0	0	
	SALT LAKE CITY	60	40	68	30	50	13	0.00	-0.30	0.00	3.20	79	15.04	100	84	49	0	1	0	0	
WV	BURLINGTON	45	29	54	21	37	2	0.52	-0.18	0.24	7.68	81	37.38	112	81	46	0	5	4	0	
	LYNCHBURG	57	28	65	23	42	-3	0.10	-0.64	0.07	5.50	56	32.21	82	80	37	0	6	2	0	
	NORFOLK	59	37	68	29	48	-3	0.02	-0.65	0.01	8.22	82	46.76	111	92	43	0	1	2	0	
WA	RICHMOND	61	32	73	26	47	-1	0.06	-0.63	0.04	7.85	77	36.91	92	83	37	0	3	3	0	
	ROANOKE	57	30	65	25	43	-3	0.02	-0.72	0.02	7.25	75	37.15	95	78	40	0	6	1	0	
	WASH/DULLES	55	31	62	24	43	-1	0.06	-0.70	0.06	6.86	69	39.85	104	81	41	0	4	1	0	
	OLYMPIA	54	39	66	31	47	6	4.10	2.10	1.61	18.37	145	52.81	128	98	93	0	2	7	3	
	QUILLAYUTE	54	45	58	36	49	6	8.60	5.03	3.67	28.06	108	95.66	113	96	90	0	0	7	4	
	SEATTLE-TACOMA	56	45	68	38	51	7	3.27	1.82	1.13	12.81	134	41.21	136	92	78	0	0	7	3	
	SPOKANE	48	35	57	30	42	9	1.09	0.53	0.47	5.15	145	19.12	138	97	80	0	3	5	0	
	YAKIMA	53	33	69	25	43	8	0.41	0.16	0.23	2.54	151	10.28	156	91	78	0	3	4	0	
	BECKLEY	53	28	60	18	40	-2	0.11	-0.58	0.10	7.76	95	41.10	108	73	47	0	5	2	0	
	CHARLESTON	55	28	64	22	41	-4	0.09	-0.80	0.05	8.71	96	45.15	113	85	38	0	5	2	0	
WI	ELKINS	54	24	62	18	39	-1	0.03	-0.80	0.03	8.98	96	43.42	104	86	41	0	7	1	0	
	HUNTINGTON	53	29	63	21	41	-4	0.00	-0.79	0.00	9.73	119	44.94	117	76	40	0	6	0	0	
	EAU CLAIRE	41	18	59	9	30	0	0.08	-0.34	0.08	6.97	92	35.07	114	85	47	0	6	1	0	
WY	GREEN BAY	44	27	62	23	35	3	0.07	-0.45	0.07	5.26	73	30.75								

National Agricultural Summary

November 20 – 26, 2017

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

The Nation was again mostly dry, with areas receiving more than 2 inches of precipitation confined to northern California, Florida, and the Pacific Northwest. Dry conditions aided producers in nearly completing corn, sorghum,

and sunflower harvest activities and making good progress on the cotton harvest. States across the Great Plains, Rocky Mountains, and Pacific Coast had weekly temperatures that were 5°F or more above normal.

Corn: Ninety-five percent of this year's corn crop was harvested by November 26, three percentage points behind both the previous year and 5-year average of 98 percent. Due to dry conditions, the corn harvest advanced rapidly across much of the nation. Harvest in Colorado, Michigan, North Dakota, Ohio, Pennsylvania, and Wisconsin advanced 8 percentage points or more during the week.

Winter Wheat: Nationwide, winter wheat emergence advanced to 92 percent complete by November 26, equal to both last year and the 5-year average. Fifty percent of the crop was reported to be in good or excellent condition, 8 percentage points below the same time last year.

Cotton: Nationally, producers had harvested 79 percent of the cotton crop by week's end, 3 percentage points ahead of last year but slightly behind the 5-year average. Harvest in Kansas, Oklahoma, and Tennessee advanced by 10 percentage points or more from the previous week.

Sorghum: Nationwide, sorghum producers had harvested 95 percent of the crop by November 26, slightly behind both last year and the 5-year average.

Other Crops: By week's end, 93 percent of this year's sunflower crop was harvested, 4 percentage points behind last year but equal to the 5-year average.

Crop Progress and Condition**Week Ending November 26, 2017**

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

Corn Percent Harvested				
	Prev Year	Prev Week	Nov 26 2017	5-Yr Avg
CO	99	86	94	98
IL	100	95	98	99
IN	99	87	93	98
IA	99	92	96	99
KS	100	96	98	100
KY	100	94	96	99
MI	87	76	84	88
MN	98	90	96	99
MO	100	95	100	99
NE	98	93	97	98
NC	100	100	100	100
ND	96	86	94	95
OH	98	79	87	96
PA	99	78	86	91
SD	99	92	97	98
TN	100	100	100	100
TX	100	97	99	99
WI	95	69	81	90
18 Sts	98	90	95	98
These 18 States harvested 94% of last year's corn acreage.				

Winter Wheat Percent Emerged				
	Prev Year	Prev Week	Nov 26 2017	5-Yr Avg
AR	86	85	90	88
CA	80	30	35	61
CO	99	96	97	99
ID	96	96	98	97
IL	95	92	95	95
IN	95	83	91	96
KS	96	90	93	98
MI	92	95	97	96
MO	83	75	83	84
MT	95	93	95	92
NE	100	98	99	99
NC	58	60	72	57
OH	95	94	96	96
OK	95	90	95	95
OR	82	80	85	86
SD	100	99	100	93
TX	80	79	84	82
WA	94	96	97	94
18 Sts	92	88	92	92
These 18 States planted 90% of last year's winter wheat acreage.				

Cotton Percent Harvested				
	Prev Year	Prev Week	Nov 26 2017	5-Yr Avg
AL	93	73	79	90
AZ	71	62	68	69
AR	100	98	100	100
CA	89	75	80	97
GA	92	78	84	81
KS	67	39	58	68
LA	100	100	100	100
MS	100	97	99	99
MO	100	94	98	93
NC	83	84	90	85
OK	71	60	73	71
SC	85	82	90	80
TN	100	81	91	90
TX	60	67	71	69
VA	96	85	93	93
15 Sts	76	74	79	80
These 15 States harvested 98% of last year's cotton acreage.				

Winter Wheat Condition by Percent					
	VP	P	F	G	EX
AR	1	8	30	56	5
CA	0	0	5	10	85
CO	2	5	27	52	14
ID	2	3	40	35	20
IL	5	6	27	47	15
IN	1	4	20	58	17
KS	4	10	35	47	4
MI	3	5	22	57	13
MO	0	8	35	50	7
MT	3	12	52	27	6
NE	2	8	31	52	7
NC	0	1	13	75	11
OH	0	1	11	63	25
OK	2	8	60	28	2
OR	1	8	19	55	17
SD	25	13	44	17	1
TX	3	14	47	36	0
WA	0	1	11	75	13
18 Sts	3	9	38	43	7
Prev Wk	3	8	37	44	8
Prev Yr	2	8	32	47	11

Sorghum Percent Harvested				
	Prev Year	Prev Week	Nov 26 2017	5-Yr Avg
AR	100	100	100	100
CO	99	86	96	96
IL	95	92	95	98
KS	97	86	94	97
LA	100	100	100	100
MO	99	93	95	97
NE	100	91	96	99
NM	54	70	75	74
OK	96	83	95	95
SD	100	90	95	98
TX	94	95	96	93
11 Sts	96	90	95	96
These 11 States harvested 99% of last year's sorghum acreage.				

Sunflowers Percent Harvested				
	Prev Year	Prev Week	Nov 26 2017	5-Yr Avg
CO	96	87	96	96
KS	94	83	90	94
ND	96	87	93	93
SD	99	89	94	94
4 Sts	97	88	93	93
These 4 States harvested 87% of last year's sunflower acreage.				

VP - Very Poor; P - Poor;

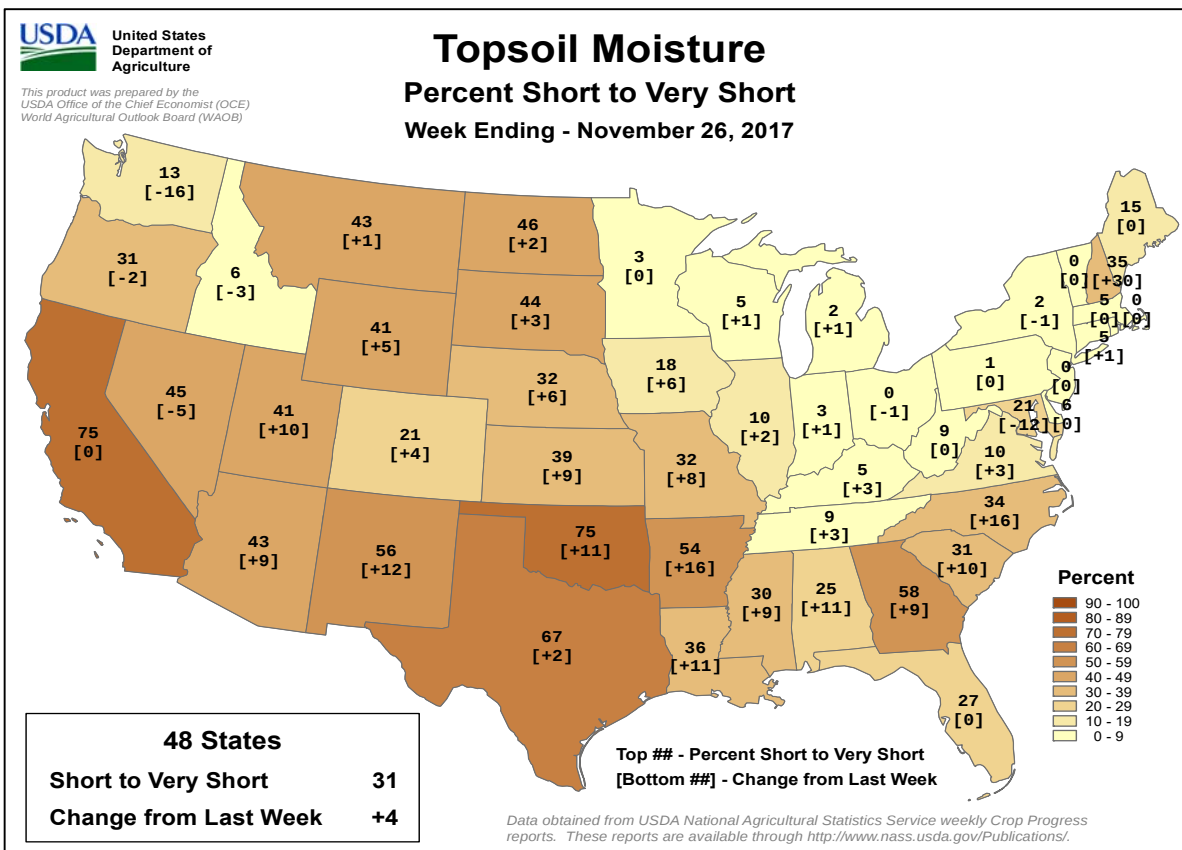
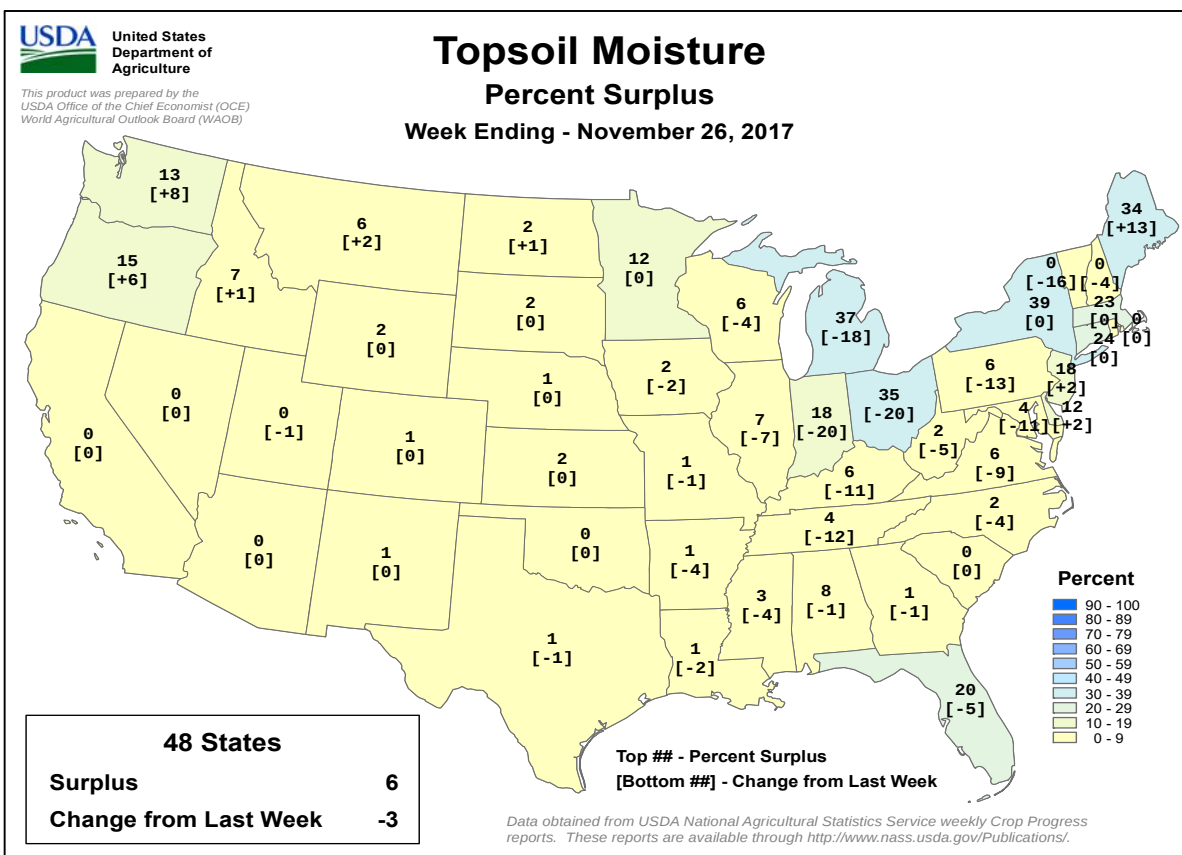
F - Fair;

G - Good; EX - Excellent

Crop Progress and Condition

Week Ending November 26, 2017

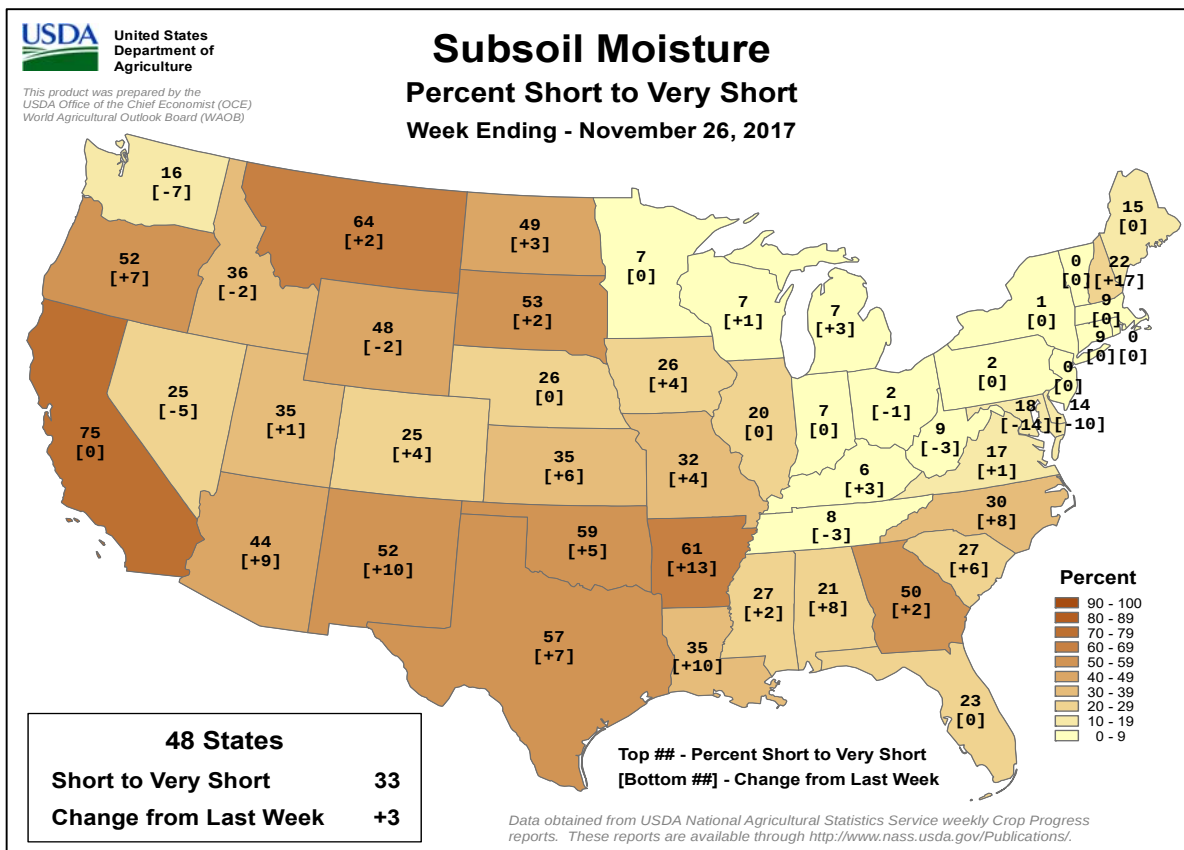
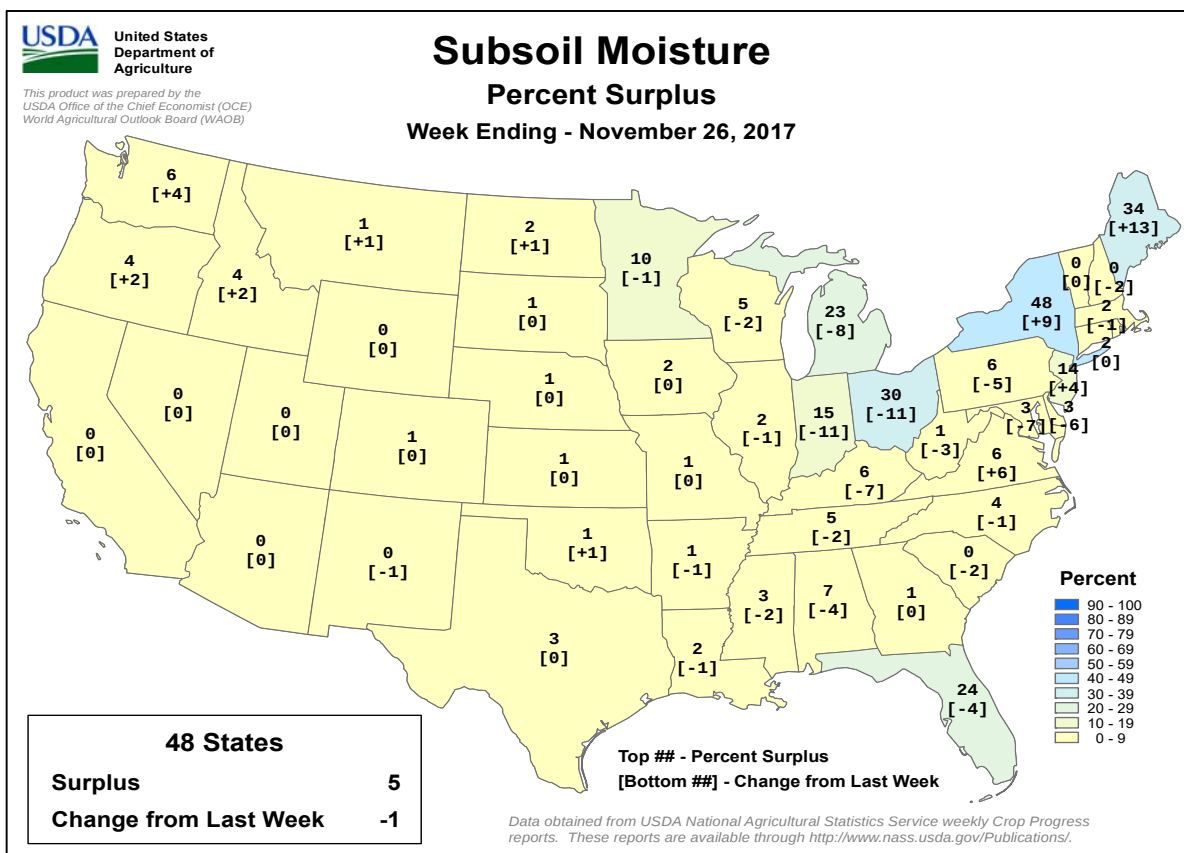
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending November 26, 2017

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



International Weather and Crop Summary

November 19-25, 2017

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

HIGHLIGHTS

EUROPE: Drought intensified on the Iberian Peninsula, while widespread showers persisted over central and northern Europe.

MIDDLE EAST: Locally heavy rain and snow boosted moisture supplies for winter grain planting and establishment across much of the region.

NORTHWESTERN AFRICA: Intensifying drought limited winter grain establishment in Morocco and western Algeria, while sunny skies promoted crop development in eastern portions of the region.

EAST ASIA: Colder weather eased wheat into dormancy across portions of eastern China.

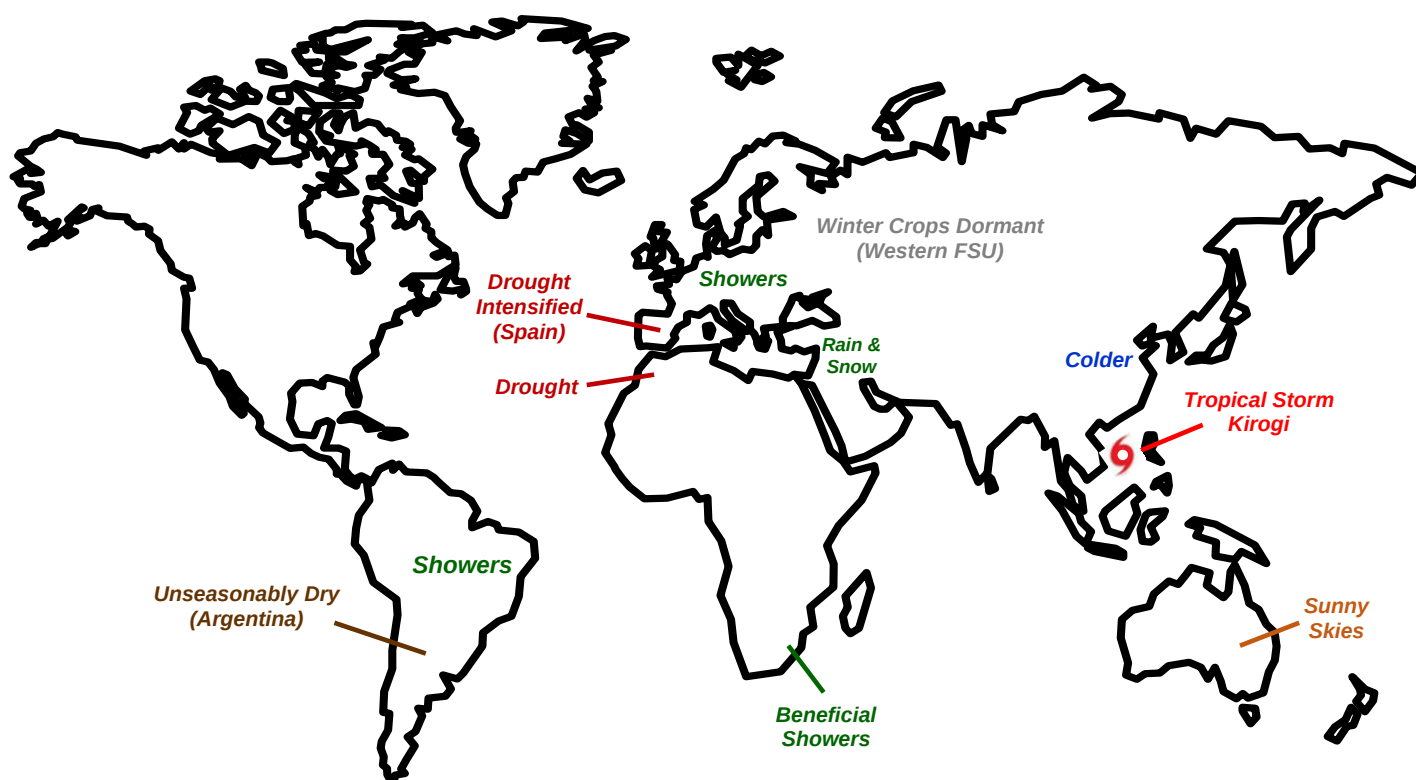
SOUTHEAST ASIA: Tropical Cyclone Kirogi brought more flooding to central Vietnam, but rainfall did not reach key rice areas in the north and south.

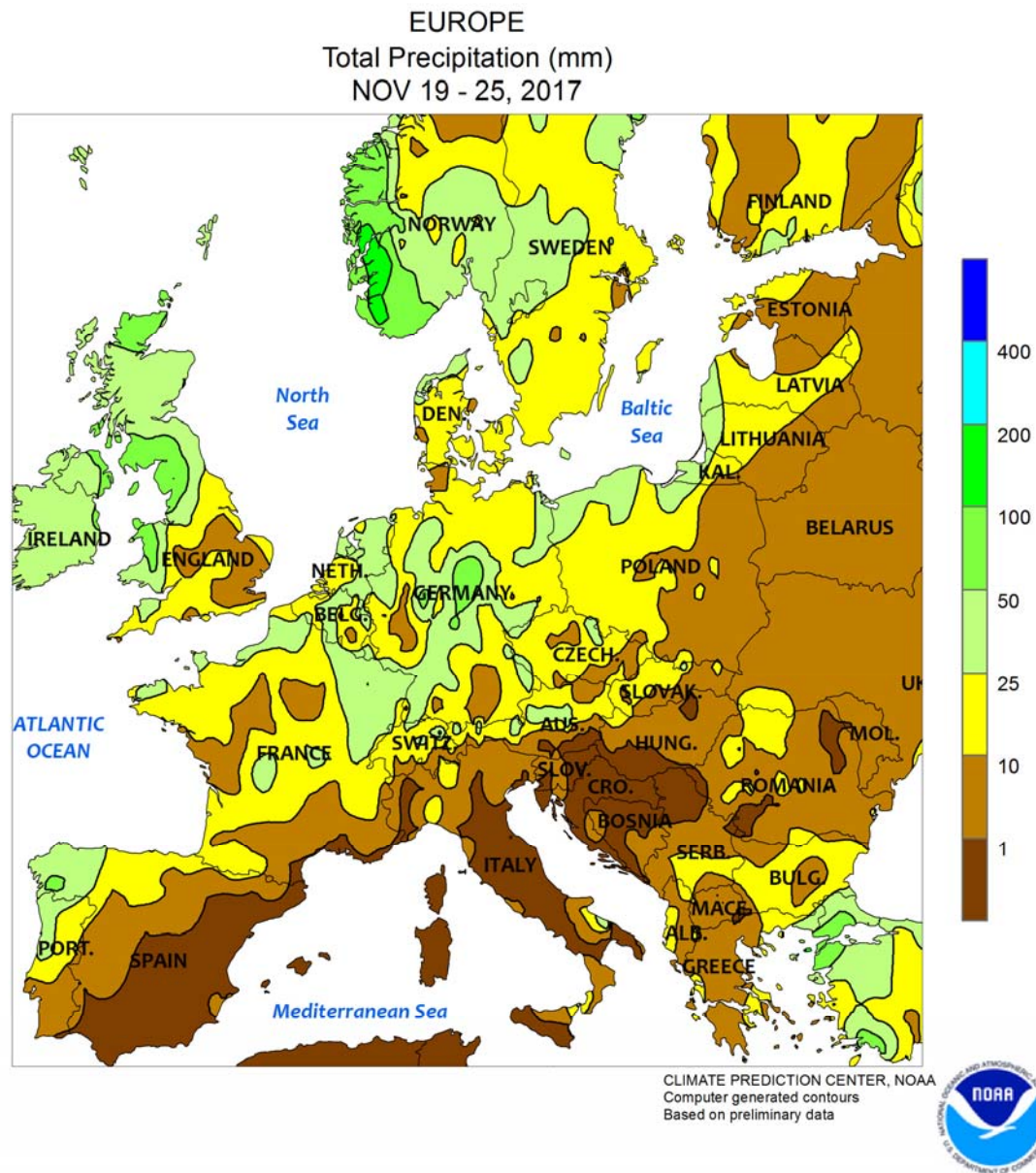
AUSTRALIA: Sunny skies benefited summer crop development and favored winter crop maturation and harvesting.

SOUTH AFRICA: Showers benefited corn and other summer crops in eastern production areas.

ARGENTINA: Unseasonable dryness limited moisture for corn and soybeans in key central production areas.

BRAZIL: Widespread showers maintained overall favorable conditions for soybeans, corn, and other summer crops.



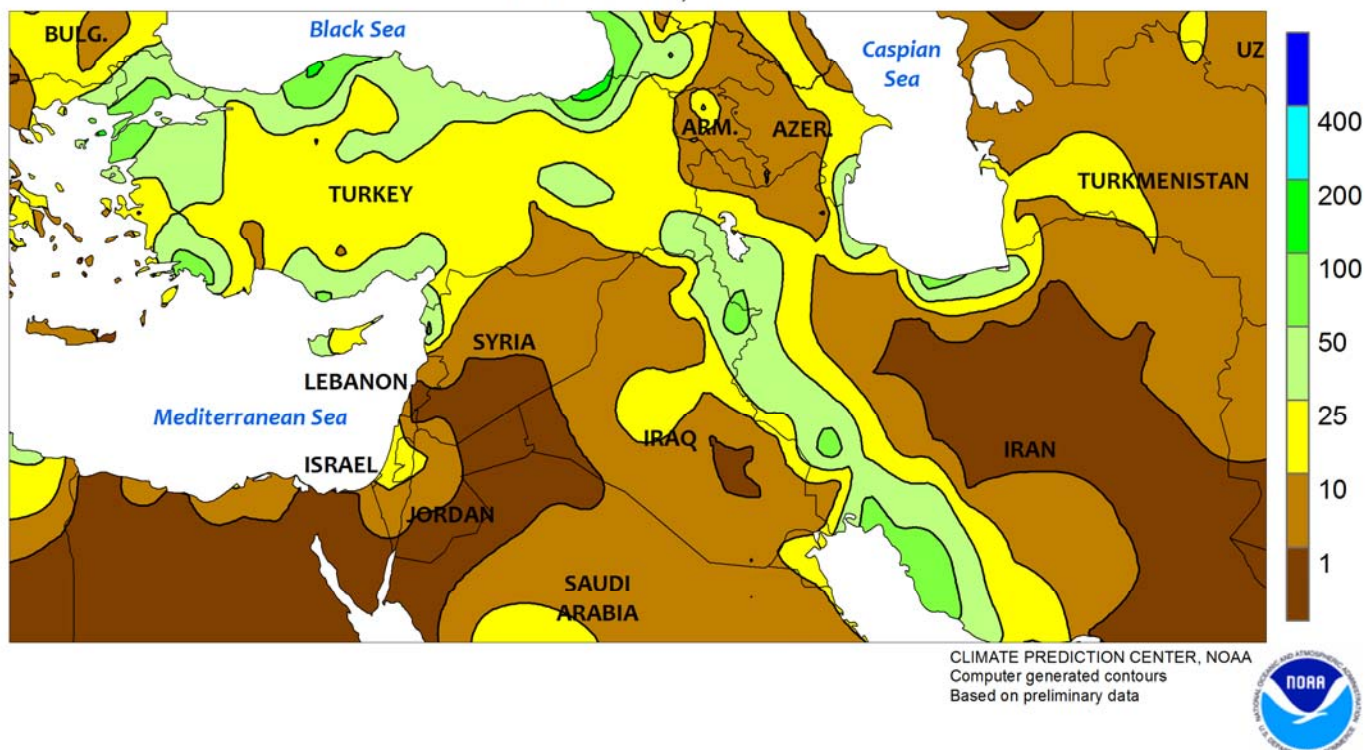


EUROPE

Drought intensified on the Iberian Peninsula, while widespread showers across central and northern Europe maintained or boosted moisture reserves for winter crops. Across Spain, another week without significant rain in the country's primary growing areas left soils devoid of moisture for winter wheat and barley establishment. Since September 1, precipitation deficits in central and northern Spain are in excess of 80 mm (less than one-third of normal), heightening the need for soaking and prolonged rainfall to stem the country's rapidly-declining winter grain prospects. In contrast, unsettled weather continued over much of central and northern Europe, with 5 to 50 mm (locally more) of precipitation maintaining

adequate to locally excessive moisture supplies for winter crops from France and the United Kingdom into Poland and the Baltic States. In particular, the persistent wet weather maintained water-logged soils in northeastern Europe, with 90-day precipitation totaling more than 200 percent of normal over large tracts of Poland. Generally dry weather was observed in southern Europe, benefiting winter crop establishment in the previously-wet Balkans but renewing drought concerns in Italy. Temperatures averaged 2 to 4°C above normal over most of the continent, though eastern-most winter crops areas eased into dormancy where 7-day temperatures dipped below 5°C.

MIDDLE EAST
Total Precipitation (mm)
NOV 19 - 25, 2017

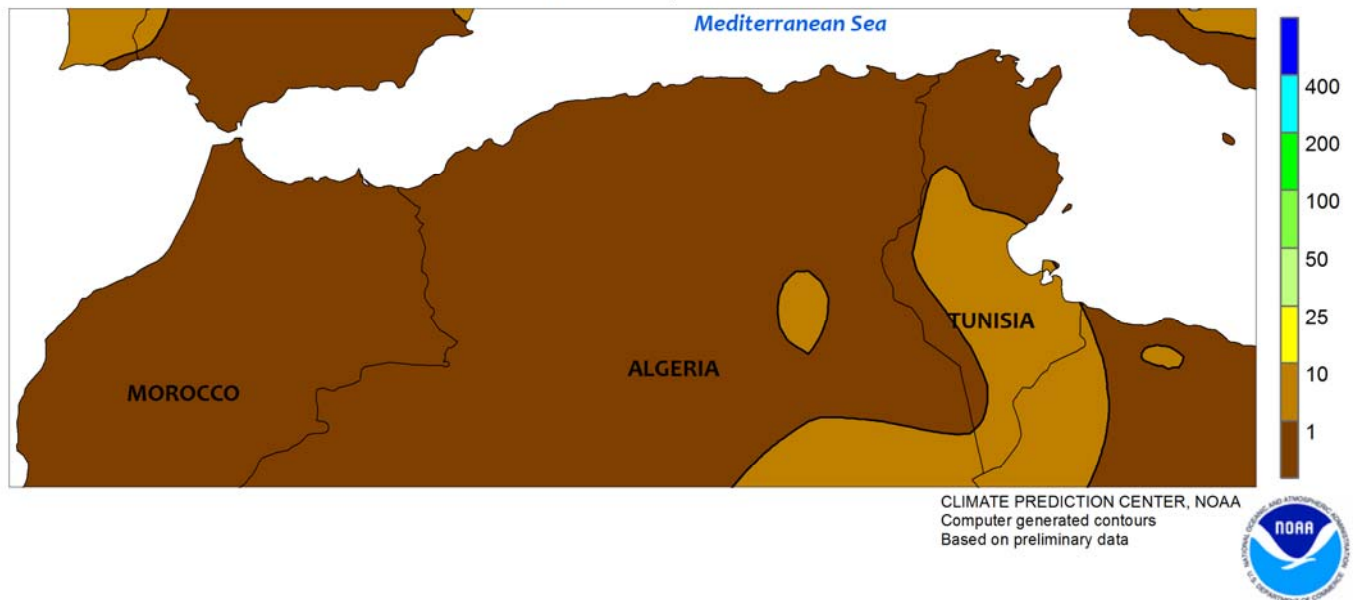


MIDDLE EAST

A slow-moving Mediterranean storm system brought widespread soaking rainfall to the region, boosting moisture supplies for winter crops. The storm initially generated moderate to heavy rain (10-85 mm) across Turkey, though rain changed to snow in the higher elevations toward week's end. Consequently, lingering drought concerns in Turkey's eastern winter grain areas were alleviated, and prospects for this

season's wheat and barley have improved considerably. As the week progressed, rain and mountain snow spread into northern Iraq and western and northern portions of Iran; weekly precipitation totaling 10 to 50 mm (locally topping 70 mm) improved moisture supplies for winter grain planting and establishment. Crops were not yet dormant, but weekly average temperatures dipped close to 5°C in central Turkey.

NORTHWESTERN AFRICA
Total Precipitation (mm)
NOV 19 - 25, 2017

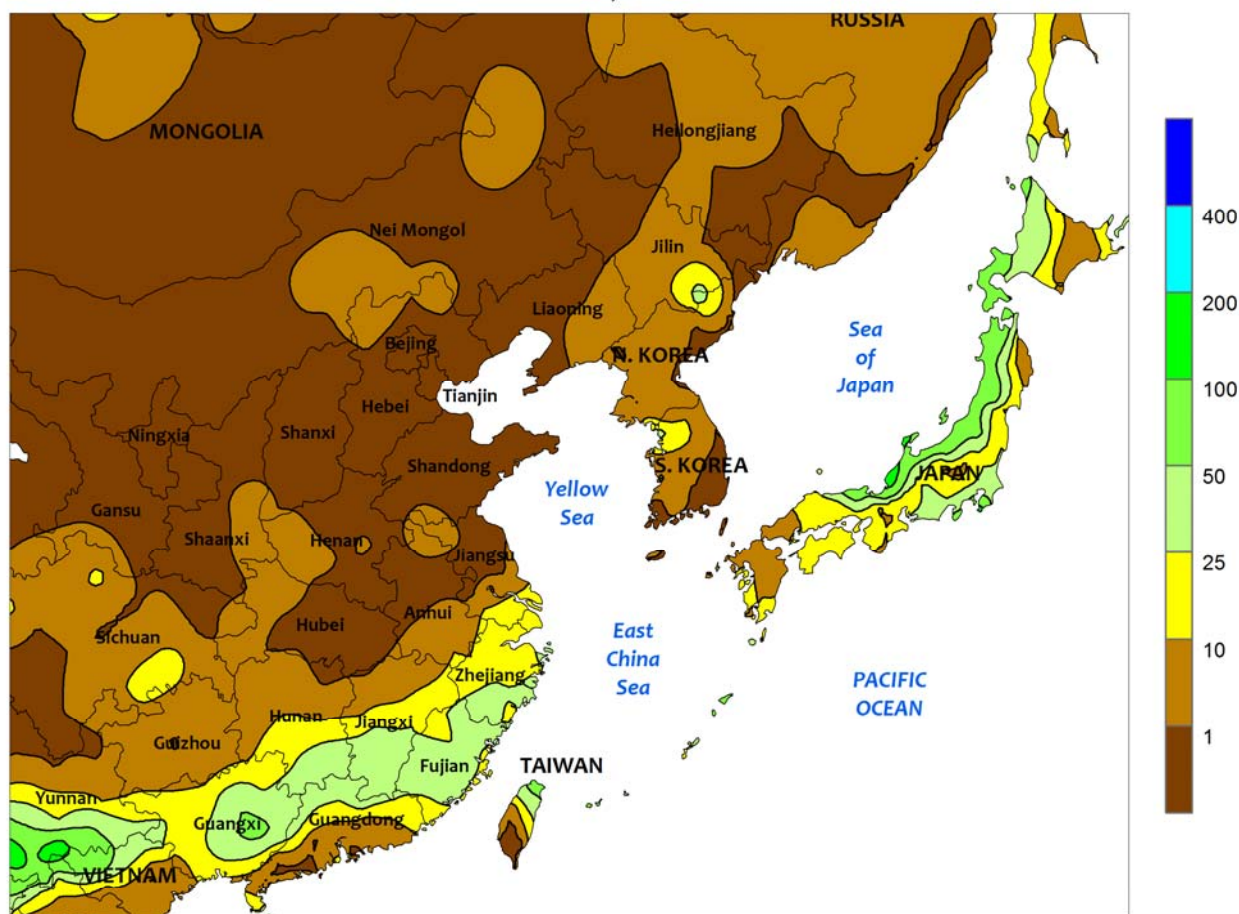


NORTHWESTERN AFRICA

Drought intensified in Morocco and western Algeria, while sunny skies promoted winter grain development in eastern growing areas. Conditions deteriorated further in Morocco, where the driest start to the cool wet season (September-April) over the past 30 years severely limited moisture supplies for winter grain planting and establishment. Since September 1, Morocco's average precipitation has totaled a meager 16 mm in the north (deficit of 95 mm, or 14 percent of normal) and 4

mm in the southwestern growing areas (deficit of 71 mm, or 6 percent of normal). Similar deficits have been reported in western Algeria. In contrast, moisture supplies are markedly better from central Algeria into Tunisia, where season-to-date rainfall has averaged 80 to 150 percent of normal. Consequently, very poor early-season wheat and barley prospects in Morocco and western Algeria contrasted with good to excellent conditions in the east.

EASTERN ASIA
Total Precipitation (mm)
NOV 19 - 25, 2017



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

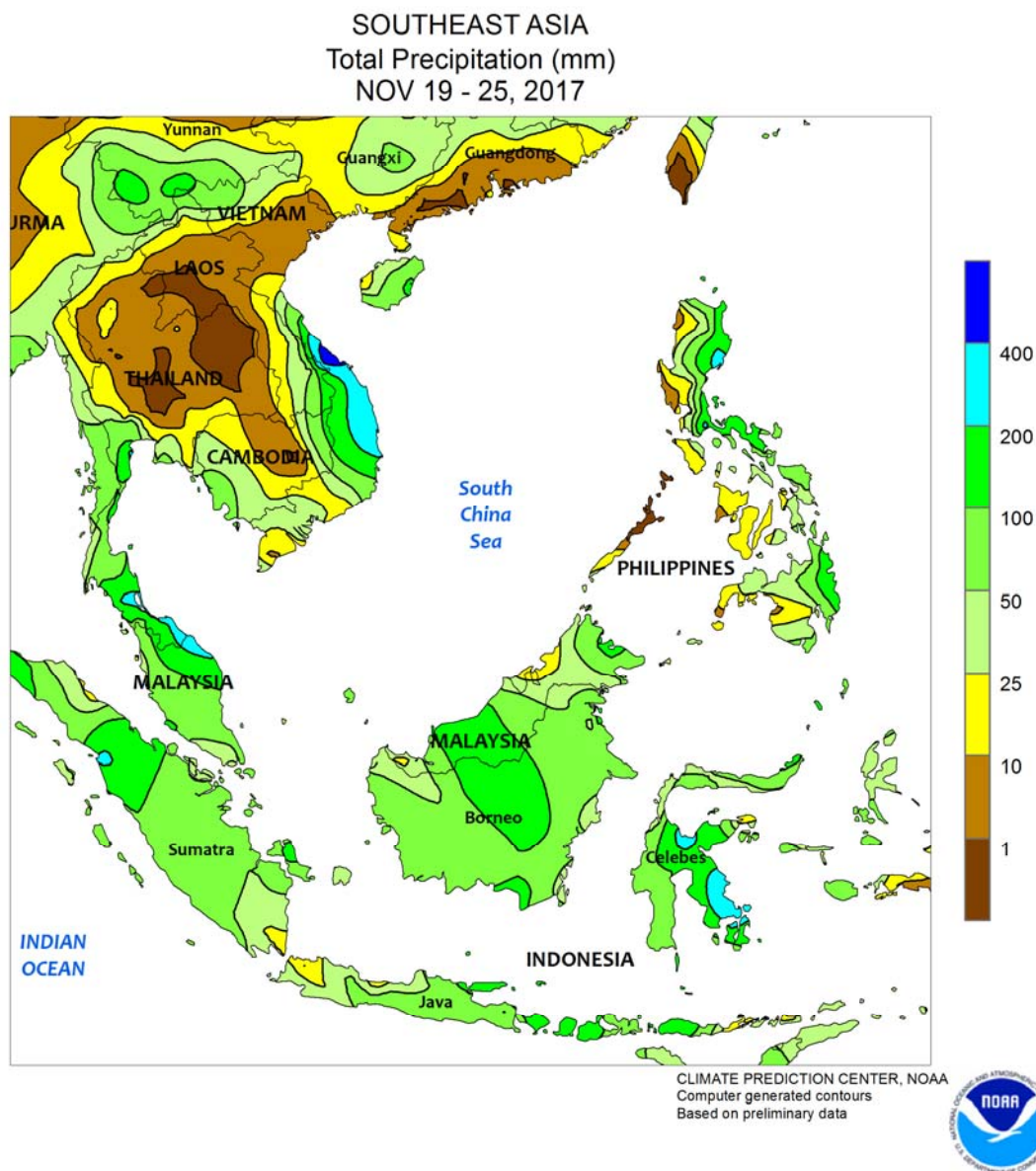


EASTERN ASIA

Colder weather settled over eastern China, easing wheat into dormancy over parts of the North China Plain (Shandong, Hebei, and Shanxi). Meanwhile in more southerly locales, temperatures remained high enough to permit wheat and rapeseed to remain vegetative and aid establishment. Showers (10-30 mm or more) were confined

to seasonably wetter areas of southern China, maintaining favorable moisture conditions for rapeseed and other seasonal crops.

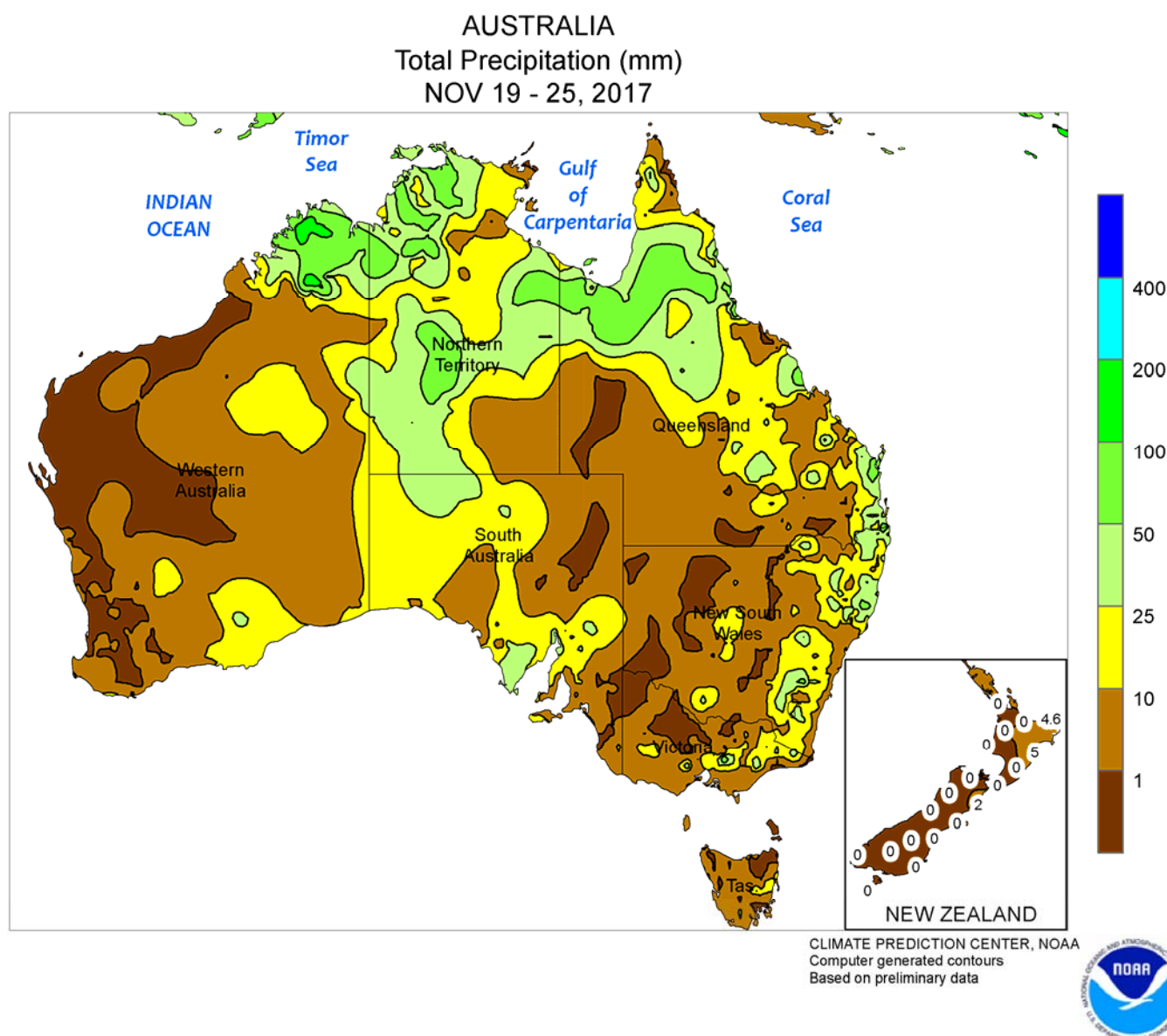
This is the final weekly summary of the season; coverage will resume in March 2018.



SOUTHEAST ASIA

The remnants of Tropical Cyclone Kirogi brought more downpours (50-200 mm) to central Vietnam. While flooding was likely in some locations, rainfall did not reach major rice-producing areas in the north and south. Meanwhile, heavy seasonal showers (25-100 mm) in the Philippines maintained

adequate to abundant moisture supplies for winter rice and corn. Farther south, more heavy showers (25-100 mm or more) in Malaysia and Indonesia kept oil palm and rice favorably watered. In fact, seasonal rainfall (since November 1) in Java, Indonesia, is well above normal and ahead of last year's pace.

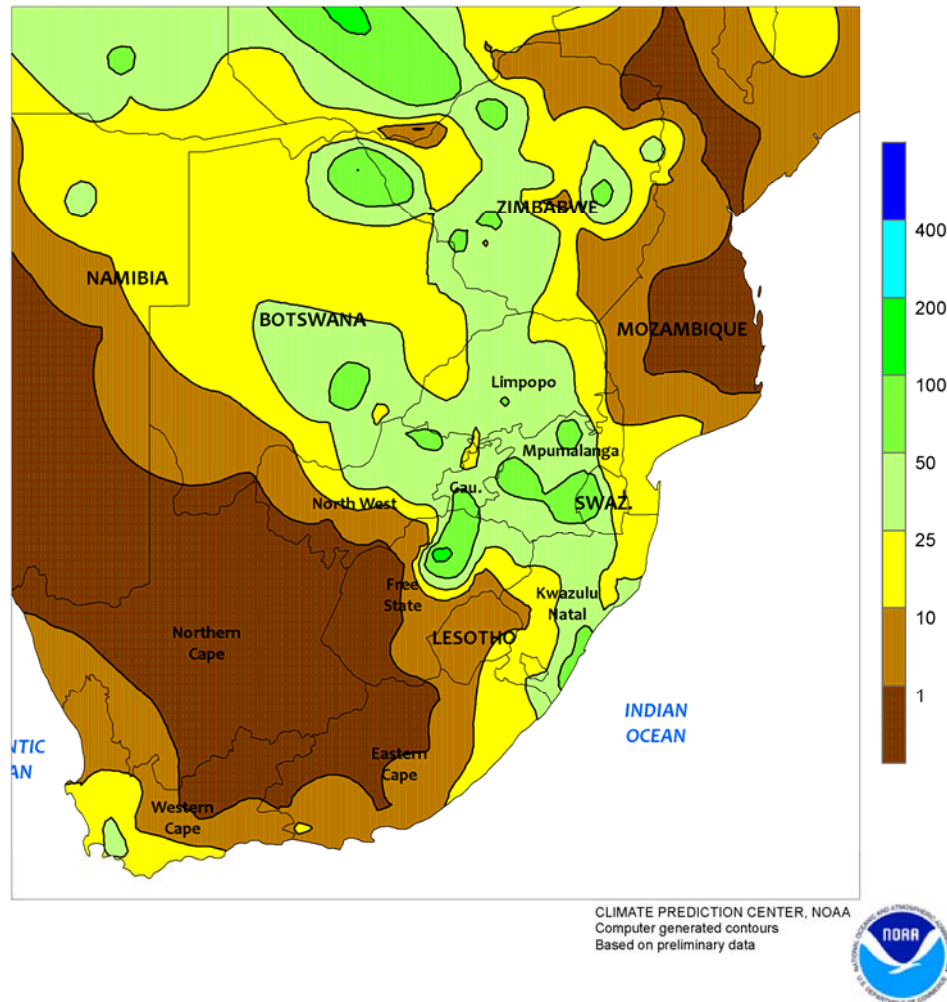


AUSTRALIA

Rain (5-25 mm) blanketed much of eastern Australia, however, most fell outside of the wheat belt. Consequently, sunny skies and adequate moisture supplies promoted development of vegetative cotton and sorghum in southern Queensland and northern New South Wales. Additionally, mostly dry weather favored wheat, barley, and canola maturation and harvesting in southern Queensland, New South Wales, and northern Victoria. Elsewhere in the wheat belt, soaking rain (15-50 mm) in South Australia slowed winter crop drydown and harvesting and likely

increased local concerns about crop quality. In contrast, seasonably warm, dry weather in Western Australia allowed winter grain and oilseed harvesting to proceed without delay. Temperatures in western and northeastern portions of the wheat belt averaged near normal. In southeastern Australia, temperatures averaged 3 to 6°C above normal, with maximum temperatures exceeding 35°C locally. Although temperatures averaged well above normal, the hot weather benefited winter crops, hastening drydown of crops awaiting harvest.

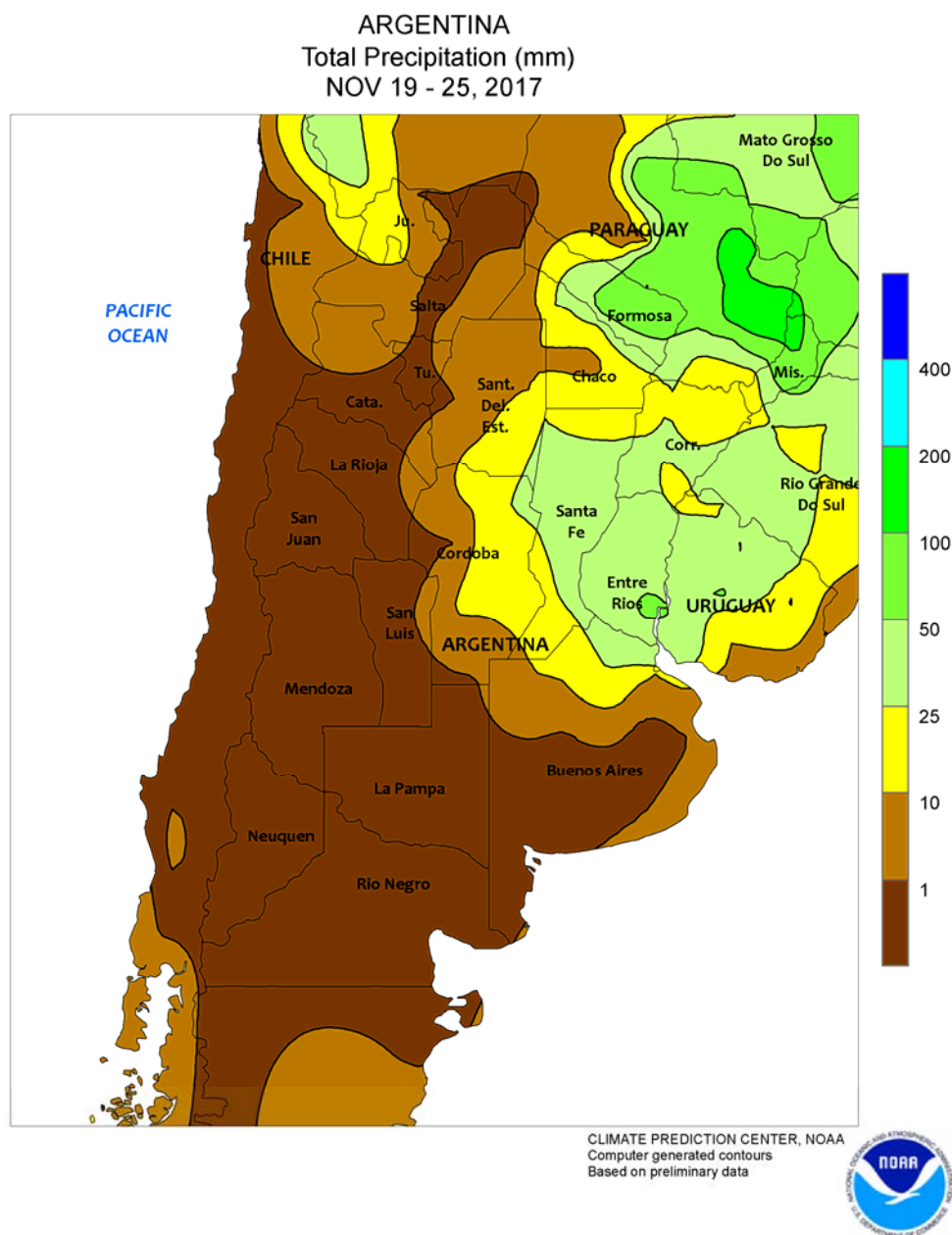
SOUTH AFRICA
Total Precipitation (mm)
NOV 19 - 25, 2017



SOUTH AFRICA

Showers intensified across the corn belt, increasing moisture for emerging to early-vegetative summer crops. Rainfall totaled 25 to 65 mm in most major production areas, including outlying production areas in KwaZulu-Natal and Limpopo. The highest amounts (greater than 50 mm) were concentrated over Mpumalanga, where summer crop development was likely the most advanced. Weekly temperatures averaged near to above normal across the corn belt, with daytime highs reaching the middle 30s (degrees C) in some northern and western locations. Elsewhere, moderate to heavy rain (10-50 mm or more) increased moisture for sugarcane in KwaZulu-Natal and eastern

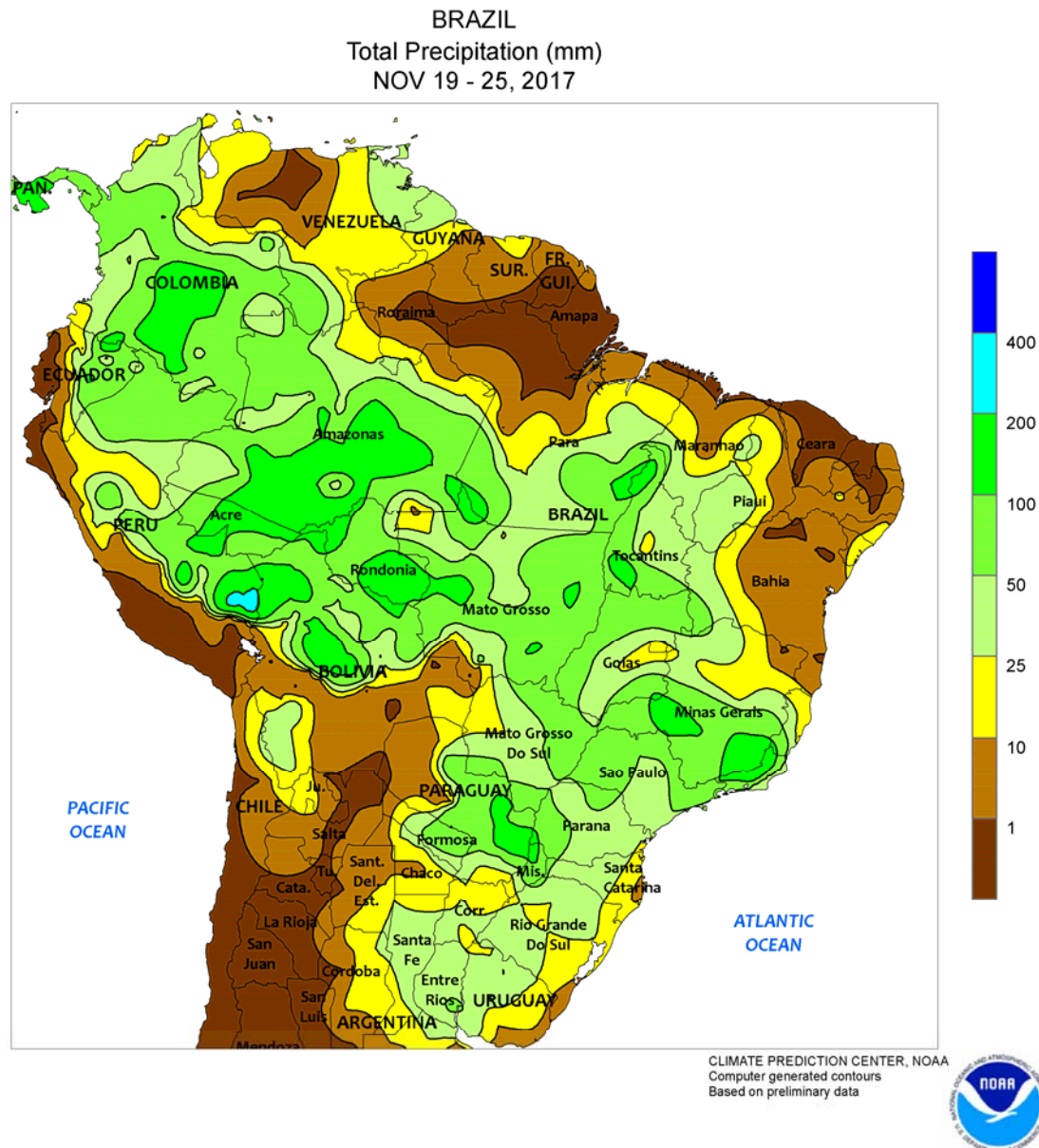
Mpumalanga, though amounts were generally lower than the previous week in most locations and occasional warmth (highs reaching the upper 30s locally) maintained high evaporative losses. Similarly, rainfall diminished significantly across southern sections of the Cape Provinces; more than 10 mm fell in southwestern sections of Western Cape and eastern sections of Eastern Cape, otherwise dry weather dominated. Weekly temperatures averaged up to 2°C below in the country's western farming areas even though highs briefly approached 40°C in spots before the onset of unseasonable coolness (nighttime lows falling below freezing in spots).



ARGENTINA

Scattered showers returned to some previously-dry locations in central Argentina, although amounts were below normal. Rainfall totaled more than 10 mm — but mostly below 25 mm — across the lower Parana River Valley (northern Buenos Aires, Enter Rios, and Santa Fe) and eastern sections of Cordoba as a result of several days of light rain. Meanwhile, dry weather dominated the remainder of Buenos Aires as well as La Pampa and southern Cordoba. Weekly temperatures averaged up to 3°C below normal throughout the aforementioned areas though day-to-day temperatures were highly variable; for example, daytime highs in the vicinity of southern Santa Fe dropped from the middle 30s (degrees C) to the middle 10s upon the late-week passage of

a cold front. The same system generated moderate showers over the northeast (Chaco and Formosa eastward), bringing weekly rainfall totals to more than 25 mm in the far north. In contrast, unseasonable dryness persisted in northwestern agricultural districts, including large sections of Salta and Santiago del Estero. As in central Argentina, the frontal passage temporarily lowered temperatures across the north, where daytime highs approached 40°C in spots prior to the onset of the rain. According to the government of Argentina, sunflowers were 89 percent planted as of November 23, similar to last year's pace. Corn was 50 percent planted (48 percent last year), with soybeans 41 percent planted versus 39 percent last year.



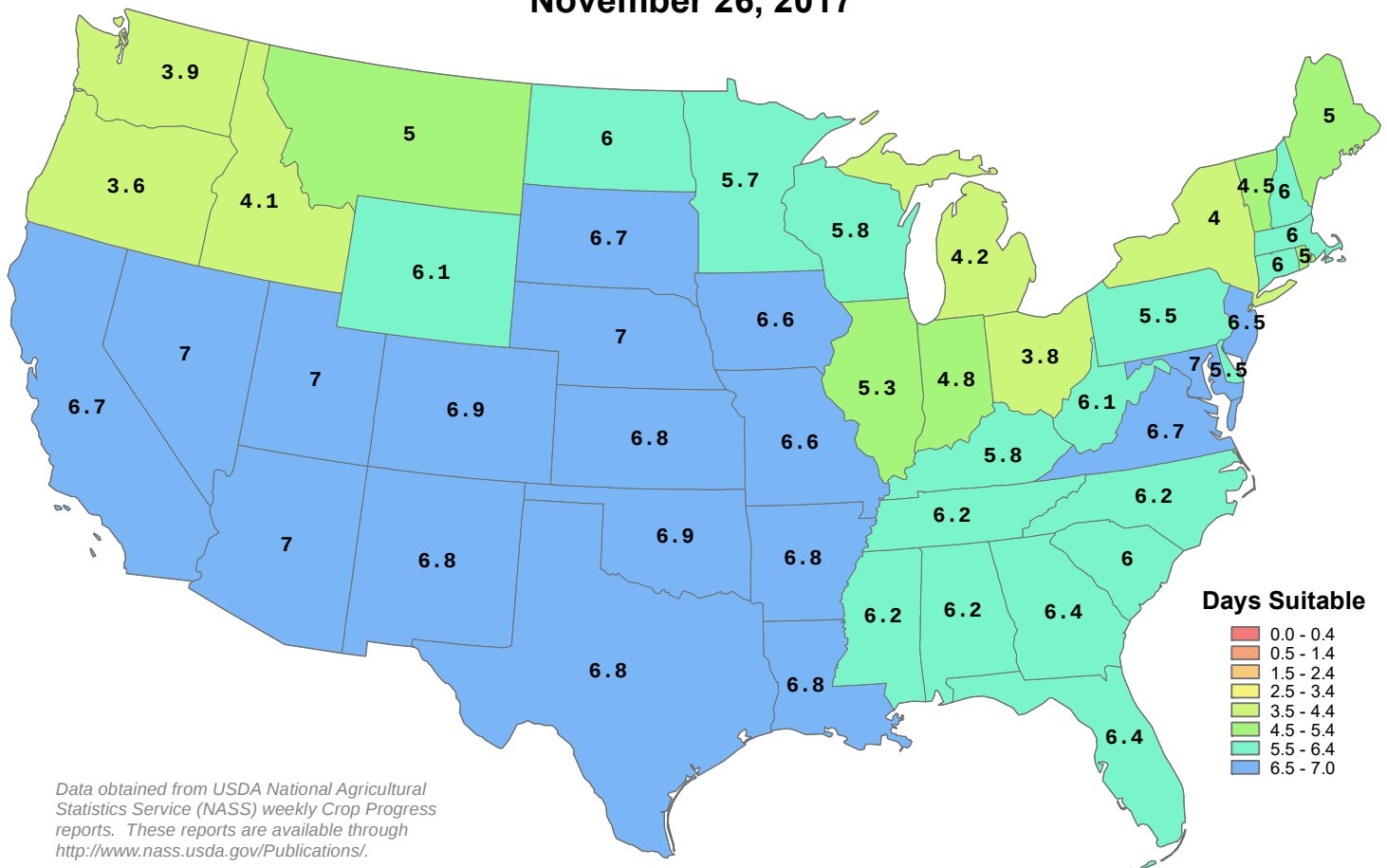
BRAZIL

Widespread, locally heavy showers maintained mostly favorable conditions for soybeans and corn in major production areas of central and southern Brazil. In the northern regions, rainfall totaling 25 to 100 mm in Mato Grosso and Mato Grosso do Sul eastward into Tocantins and western Bahia, with pockets of dryness reported in Goias and the northeast (Piaui and Maranhao). Summer warmth (daytime highs reaching the lower and middle 30s degrees C) fostered rapid development of crops, which were growing with generally favorable levels of available moisture. According to the government of Mato Grosso, soybeans were 96 percent planted as of November 24, compared with 98 percent last year. Farther south, moderate to heavy rain (25-100 mm or

more) stretching from northern-most Rio Grande do Sul northeastward into Minas Gerais maintained overall favorable conditions for summer row crops. According to Parana's government, soybeans were 96 and percent planted as of November 20; wheat planting was nearing completion at 99 percent completed. In Rio Grande do Sul, soybeans and corn were 48 and 94 percent planted, respectively, as of November 23, with wheat harvest virtually complete. The rainfall was also welcome for sugarcane and coffee in Sao Paulo and Minas Gerais, where some of the heaviest rain fell (100-200 mm). In contrast to the heavy seasonal rainfall in central and southern Brazil, seasonably drier conditions dominated much of the northeastern coast.

Days Suitable for Fieldwork

**Week Ending
November 26, 2017**



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