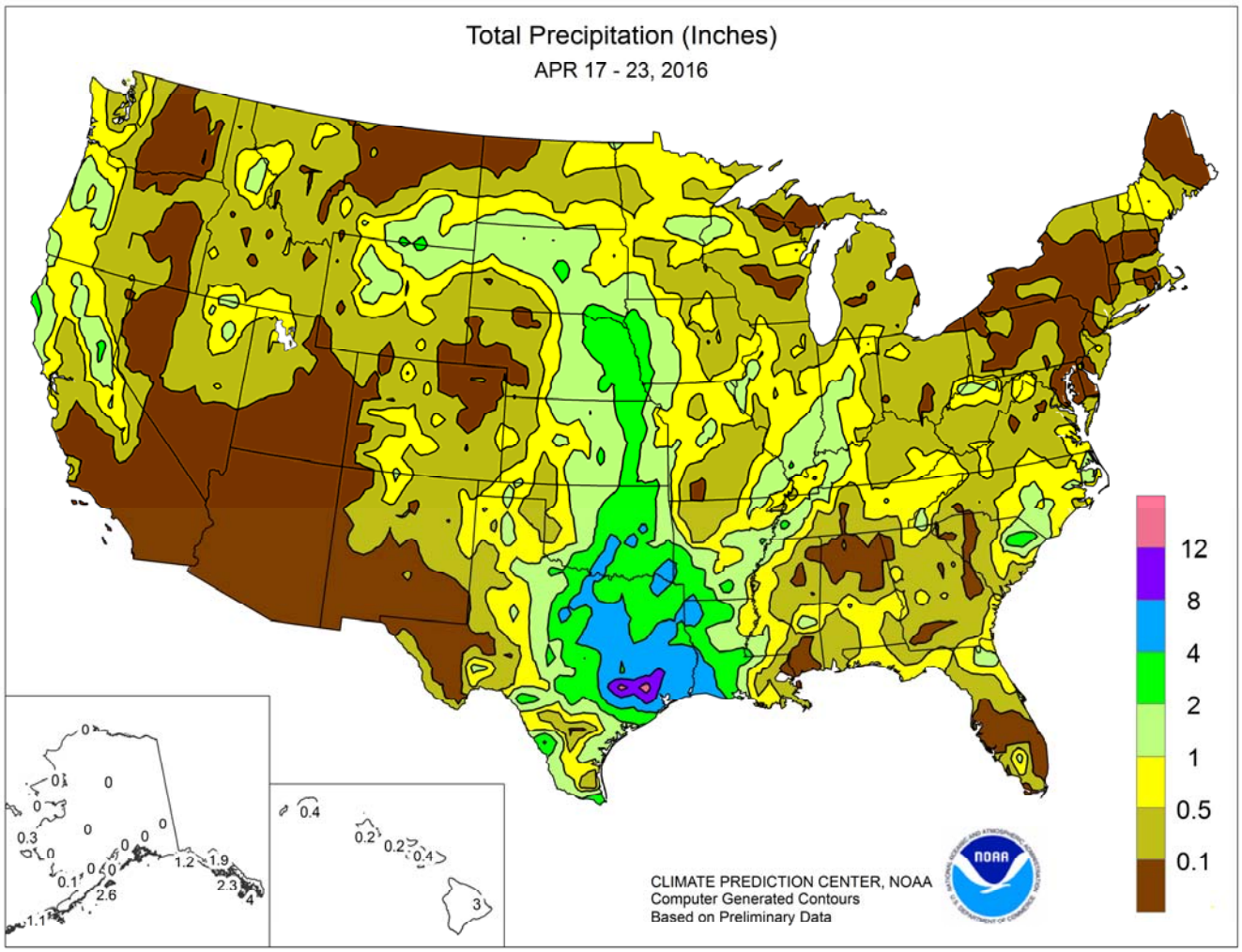
Volume 103, No. 17 http://www.usda.gov/oce/weather April 26, 2016

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

April 17 – 23, 2016

Highlights provided by USDA/WAOB

Slow-moving storms delivered heavy precipitation to the **nation's mid-section**, including late-season snow in the **central Rockies** and environs. Precipitation, not including what fell at the end of the previous week, totaled 2 to 4 inches or more from the **east-central Plains southward to the western Gulf Coast**. In parts of **southeastern Texas**, torrential, early-week rain—locally 10 to 15 inches or more—triggered widespread flash flooding and subsequent river flooding. However, precipitation diminished in coverage and intensity across the **eastern one-third of the**

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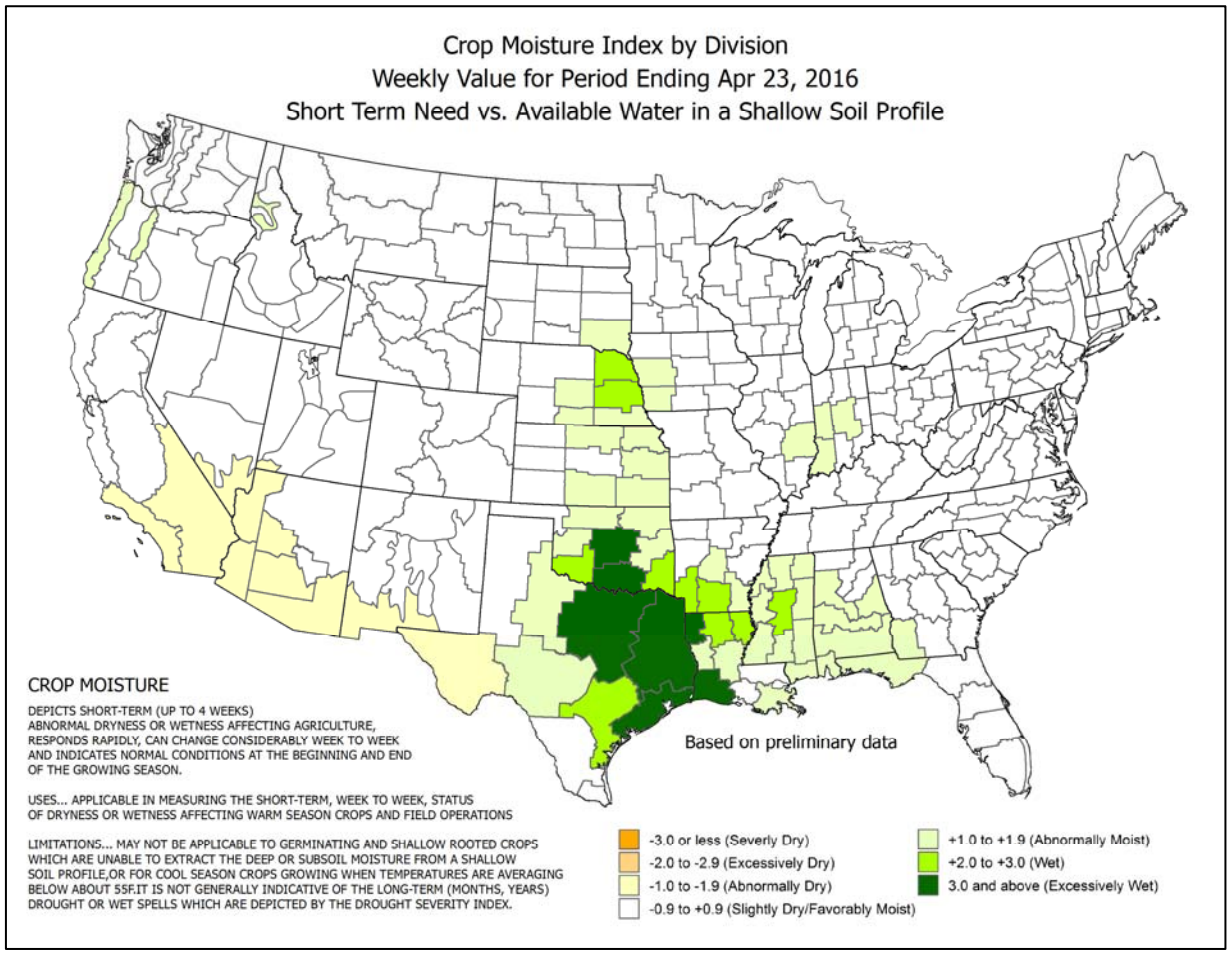
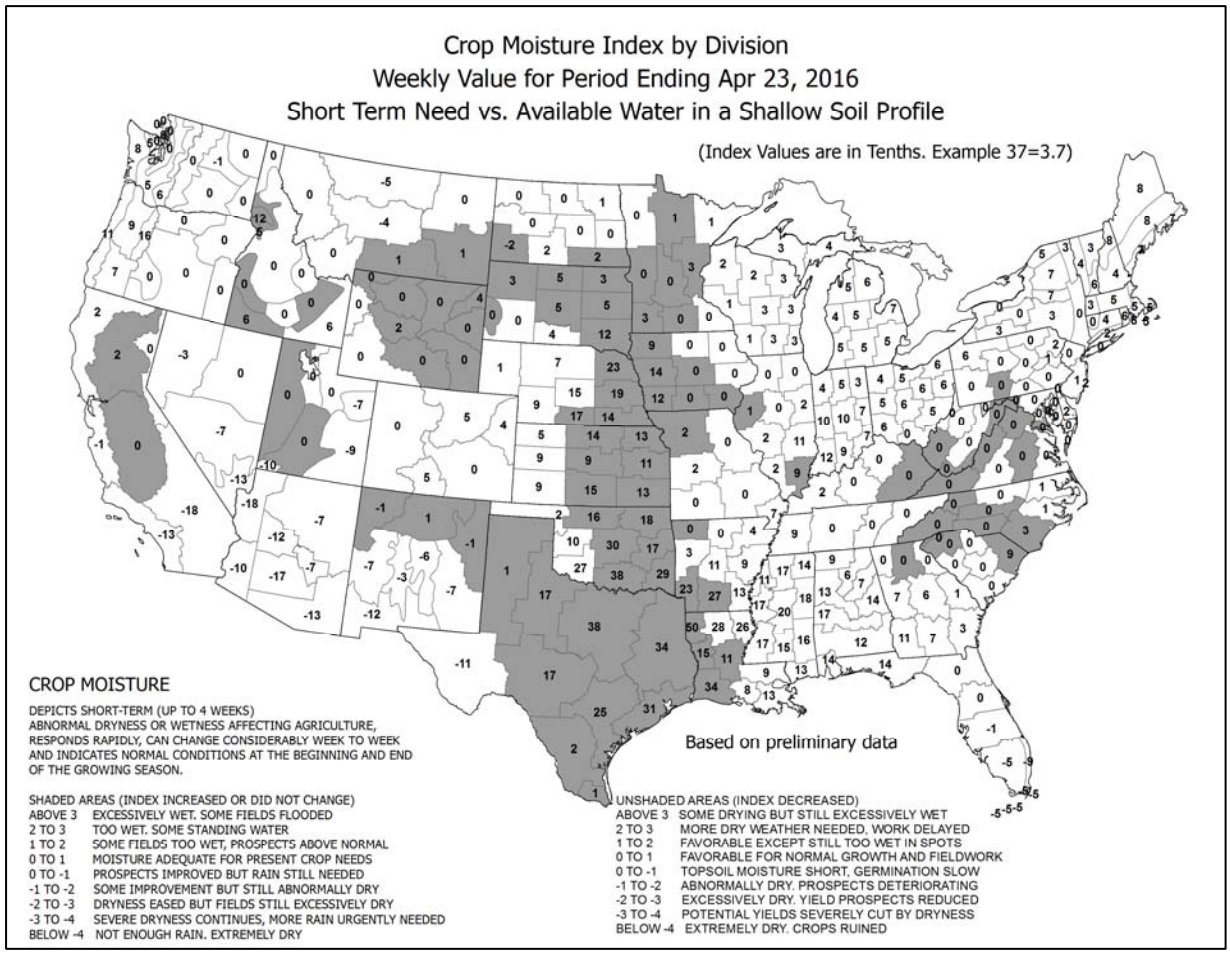
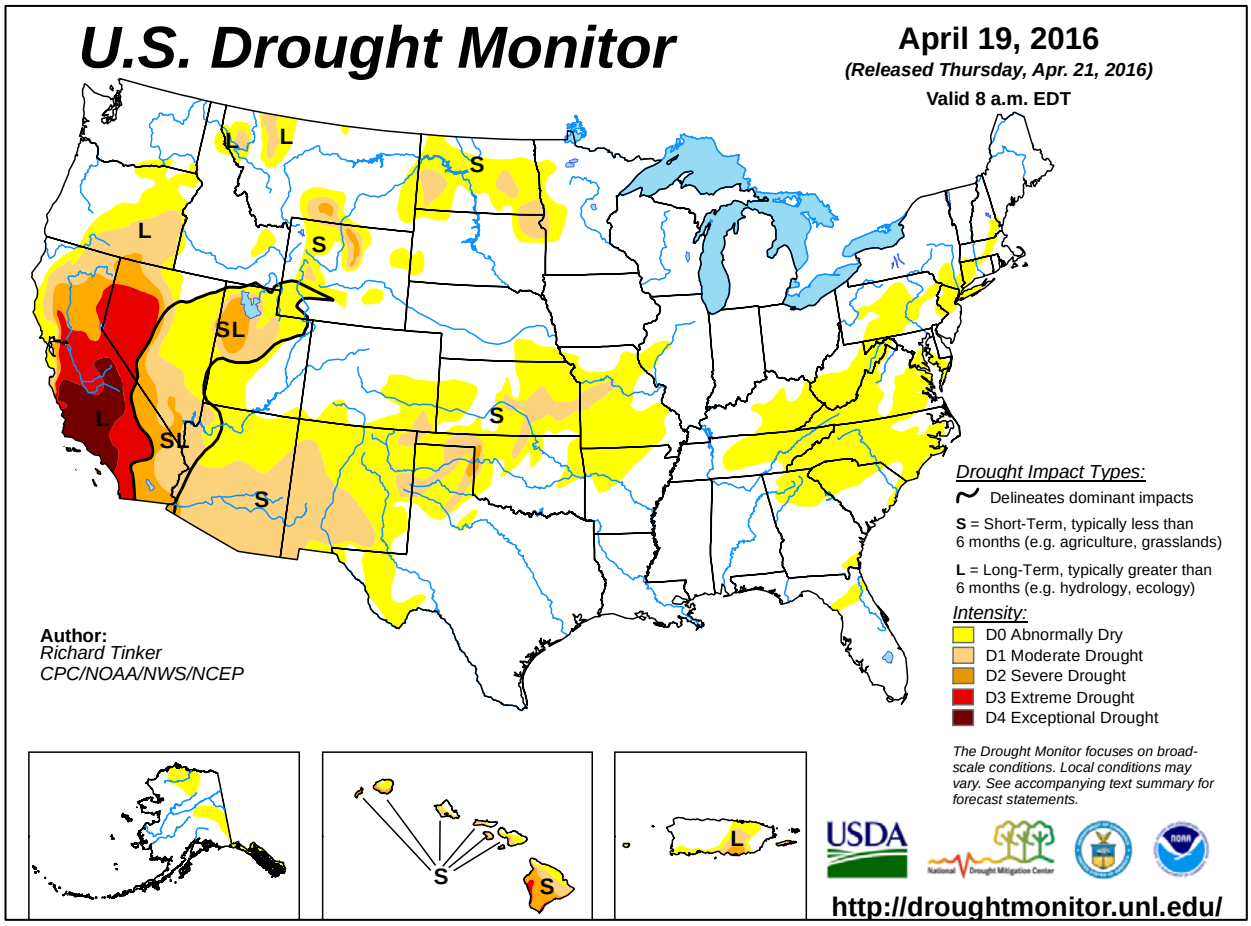
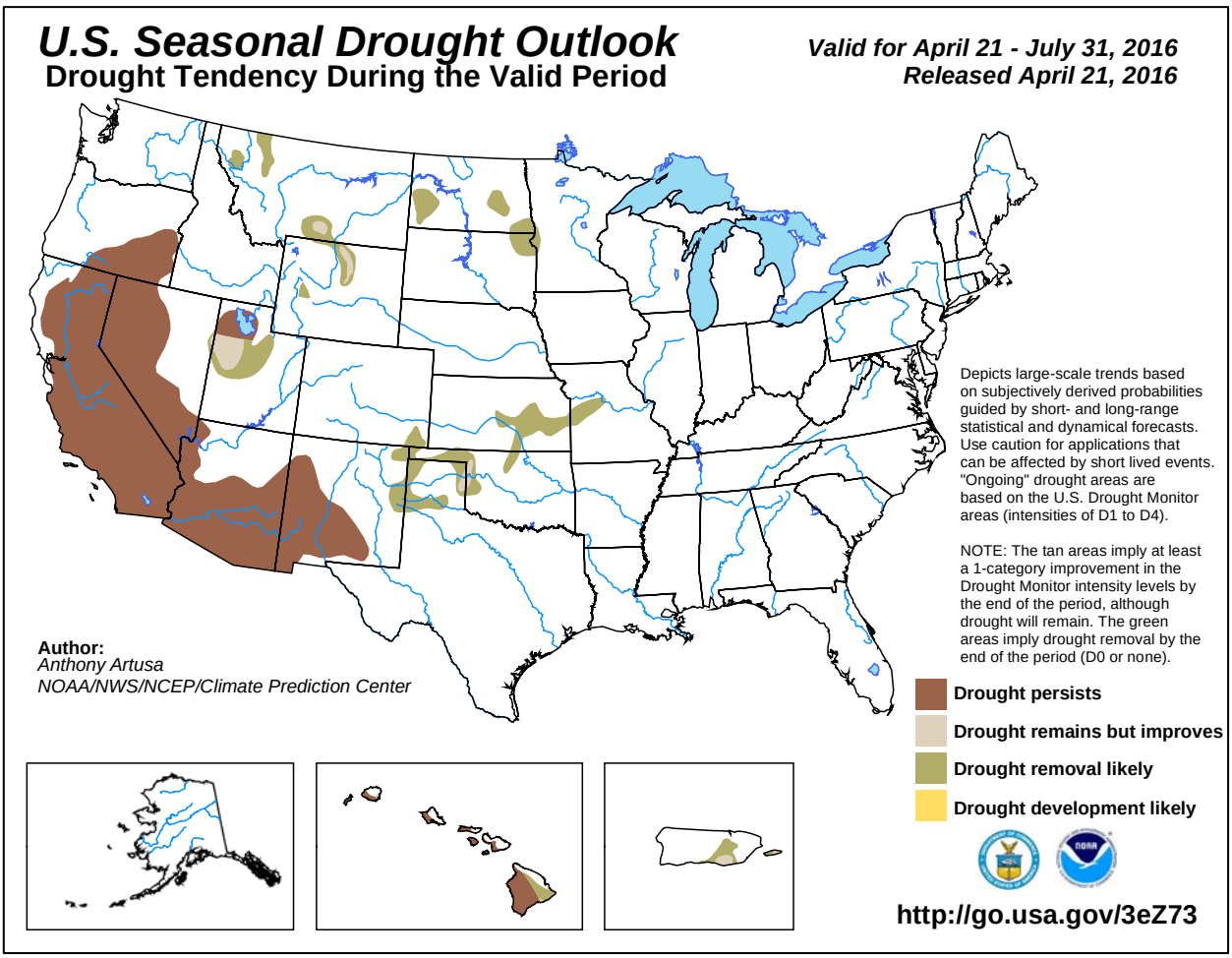
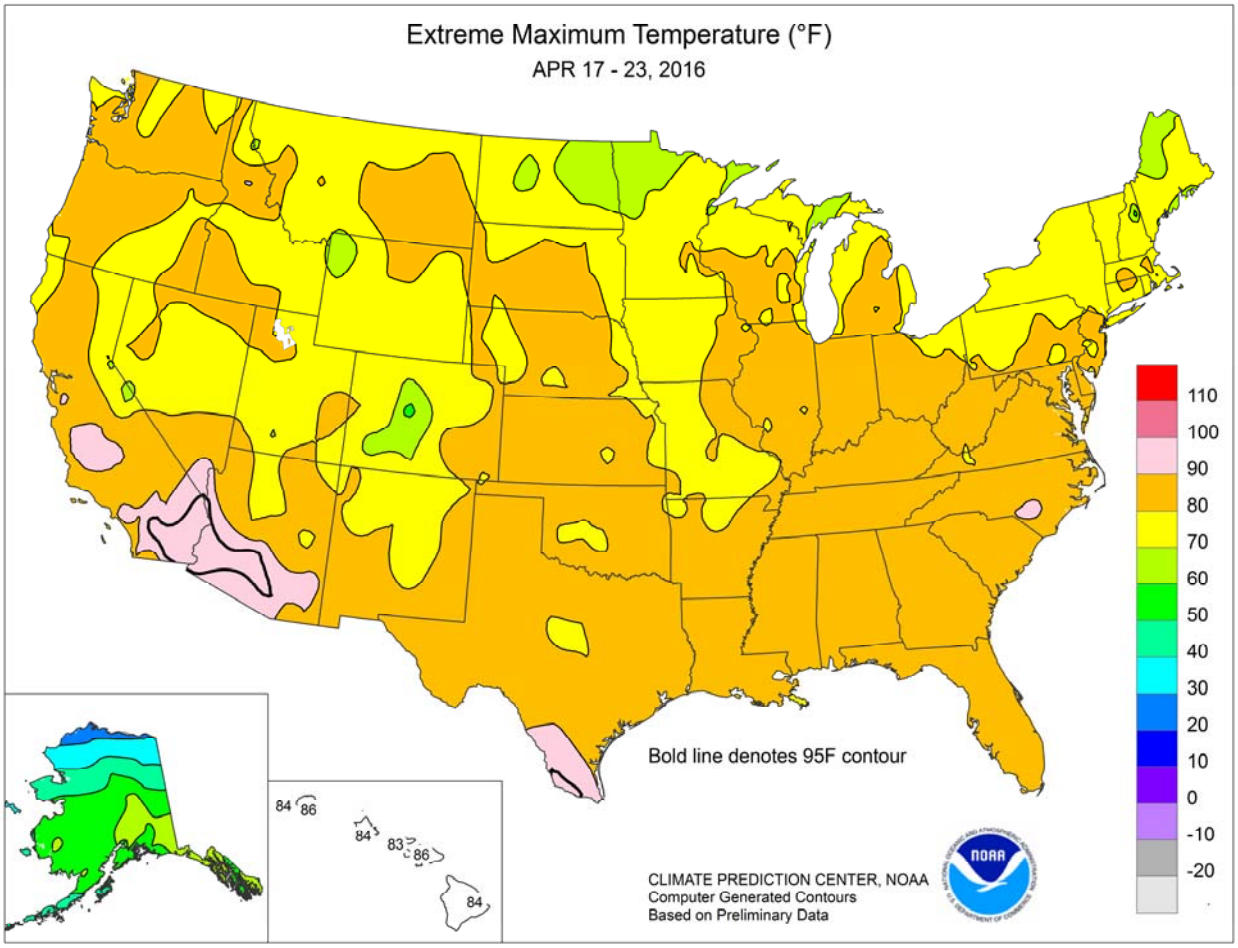
Contents

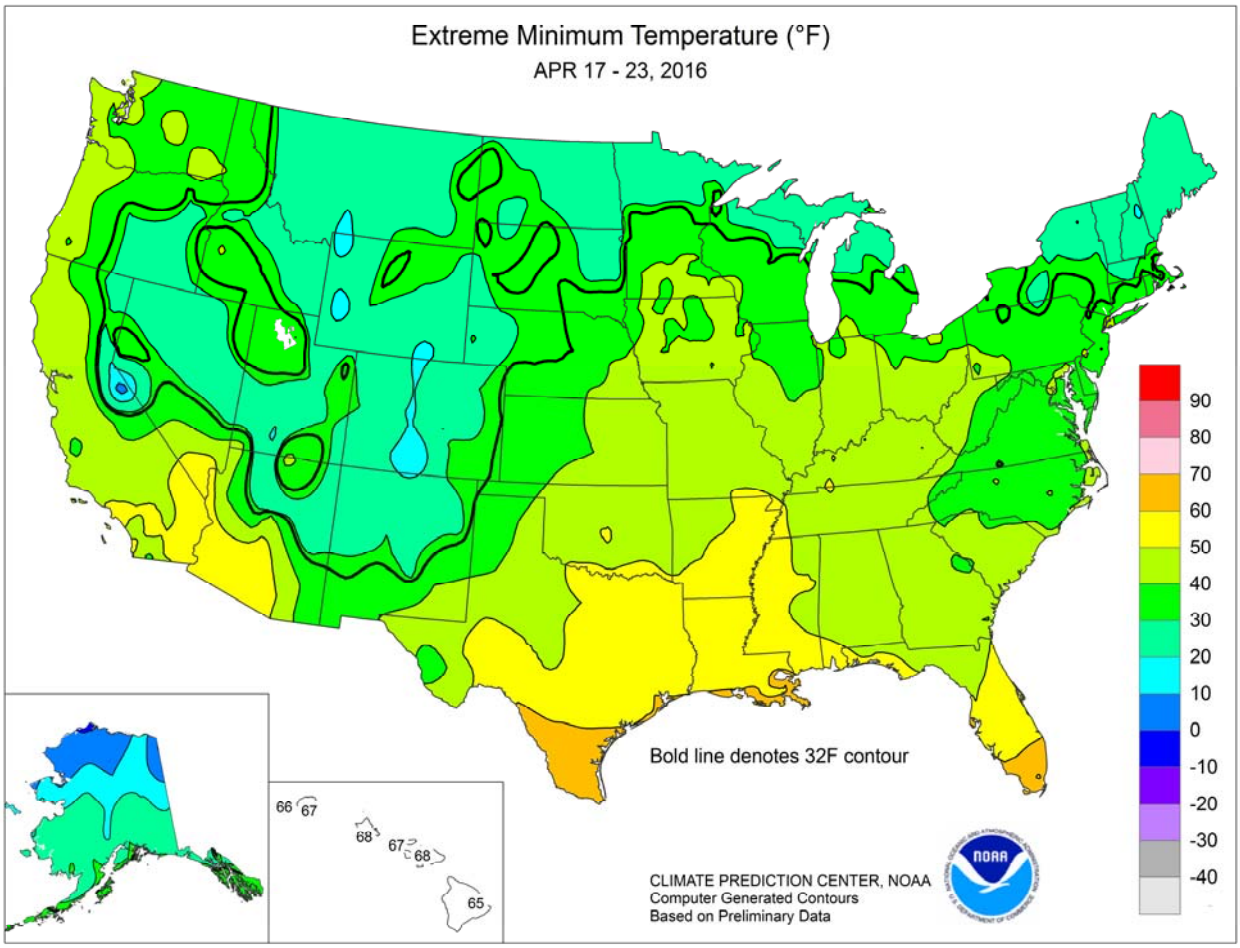

Crop Moisture Index by Division
Weekly Value for Period Ending Apr 23, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Based on preliminary data
-3.0 or less (Severly Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
+1.0 to +1.9 (Abnormally Moist)
+2.0 to +3.0 (Wet)
3.0 and above (Excessively Wet)


Crop Moisture Index by Division
Weekly Value for Period Ending Apr 23, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
SHADED AREAS (INDEX INCREASED OR DID NOT CHANGE)
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. EXTREMELY DRY
UNSHADED AREAS (INDEX DECREASED)
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. CROPS RUINED
Based on preliminary data


U.S. Drought Monitor
April 19, 2016
(Released Thursday, Apr. 21, 2016)
Valid 8 a.m. EDT
Author:
Richard Tinker
CPC/NOAA/NWS/NCEP
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:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
USDA
http://droughtmonitor.unl.edu/

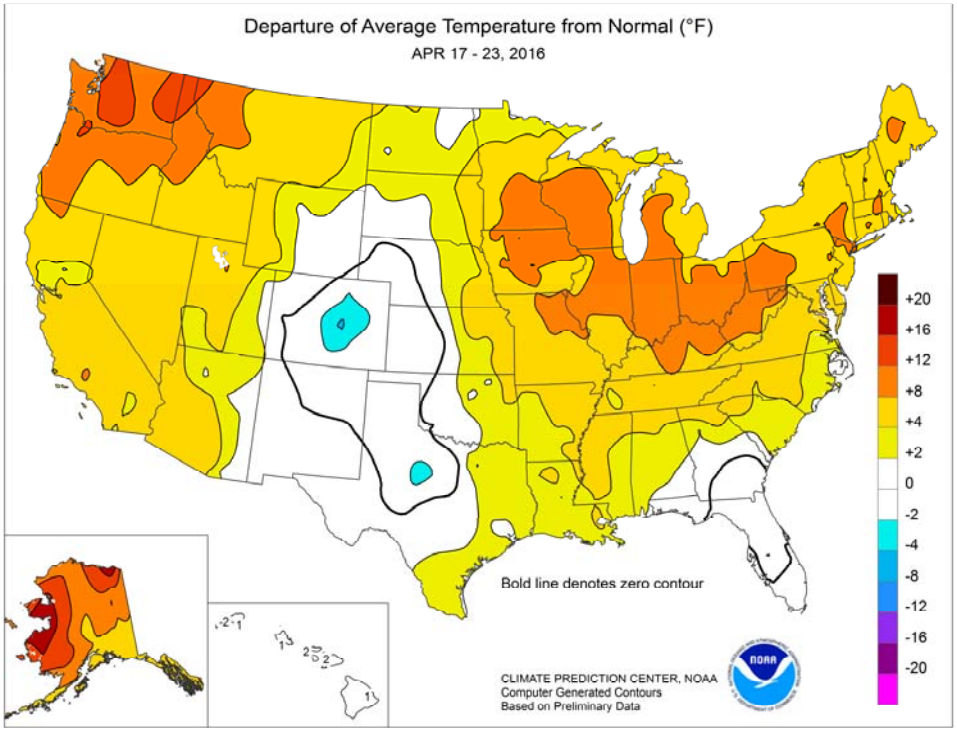

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for April 21 - July 31, 2016
Released April 21, 2016
Author:
Anthony Artusa
NOAA/NWS/NCEP/Climate Prediction Center
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains but improves
Drought removal likely
Drought development likely
http://go.usa.gov/3eZ73


Extreme Maximum Temperature (°F)
APR 17 - 23, 2016
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
84
86
84
83
86
84
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
APR 17 - 23, 2016
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
66
67
68
67
68
65
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

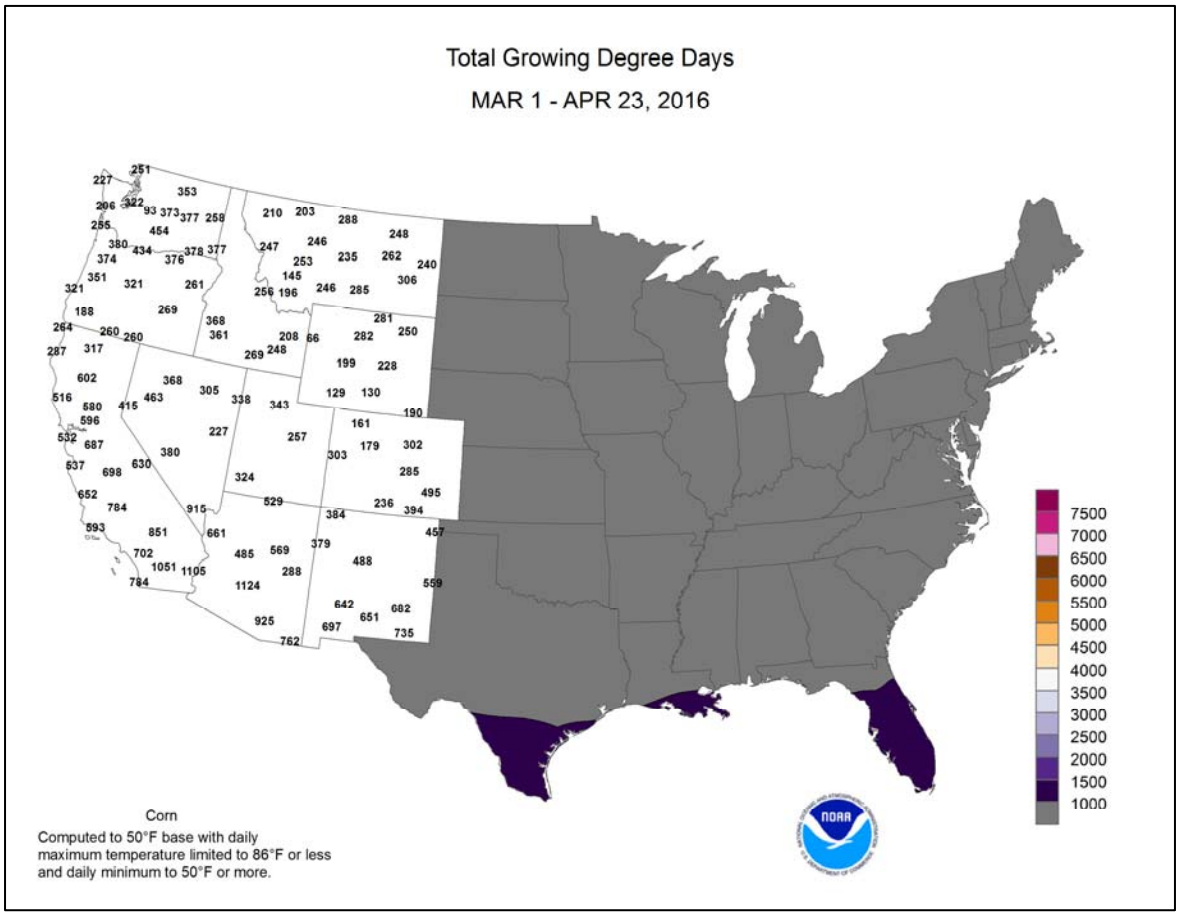
U.S., leaving some areas still in need of additional rain to reverse a short-term drying trend. Unfavorable dryness also persisted from **southern California to the southern Rockies**. Late in the week, shower activity increased across **northern California** and the **Northwest**, trailed by cooler weather. **Northwestern** precipitation was not particularly heavy, but helped to maintain favorable agricultural and hydrological prospects as far south as **northern California**. Despite an end-of-week cooling trend in the **Far West**, generally warm conditions dominated the U.S. However, near- or slightly below-normal temperatures prevailed in the **southern Atlantic region** and **central and southern sections of the Rockies and High Plains**. Weekly temperatures averaged at least 10°F above normal at several **Midwestern** locations, and ranged from 10 to 15°F above normal from the **Pacific Northwest to the northern Rockies**.

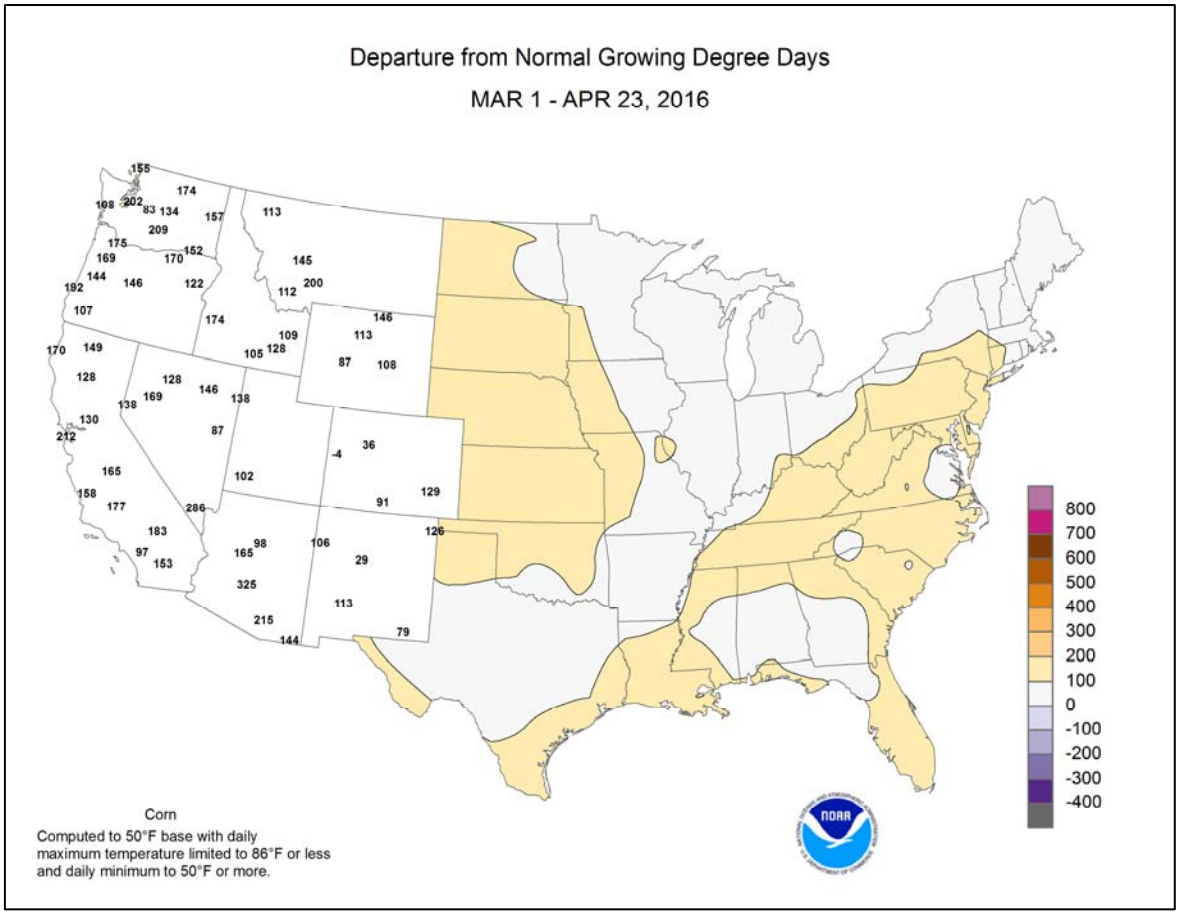


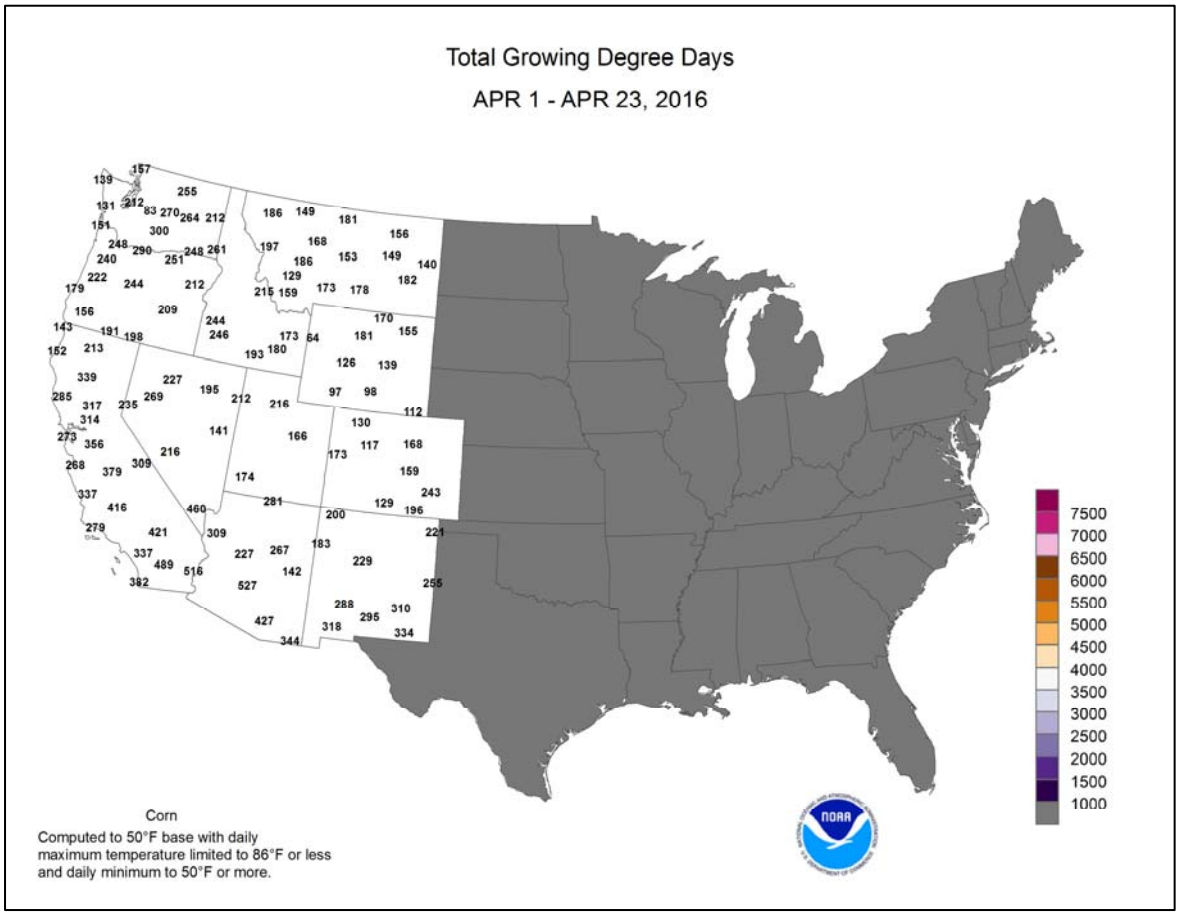
Early-week warmth was particularly impressive in the **Pacific Northwest**, where **Seattle, WA**, posted a monthly record high of 89°F on April 18. **Seattle's** previous monthly record high had been 85°F, set on April 30, 1976, and several earlier dates. From April 17-20, **Seattle** also notched four consecutive highs of 80°F or greater, setting daily records each day. On April 18, daily-record highs topped the 90-degree mark in locations such as **King City, CA** (95°), and **Medford, OR** (91°F). Downtown **Portland, OR**, experienced its earliest 90-degree reading on record with a high of 90°F on April 19—previously set on April 20, 1906, and 1934. Meanwhile, warmth also prevailed in other parts of the country, including the **Midwest** and **East**. In **Wisconsin**, daily-record highs included 83°F (on April 17) in **La Crosse** and 83°F (on April 18) in **Appleton**. Farther south, record-setting highs for April 19 reached 89°F in **Wilmington, NC**, and 86°F in **Louisville, KY**. Later, **Western** warmth began to shift eastward. On April 21, daily-record highs climbed to 87°F in **Boise, ID**, and 82°F in **Missoula, MT**. Warmth also lingered in **Maine**, where daily-record highs for April 22 included 72°F in **Houlton** and 70°F in **Caribou**.

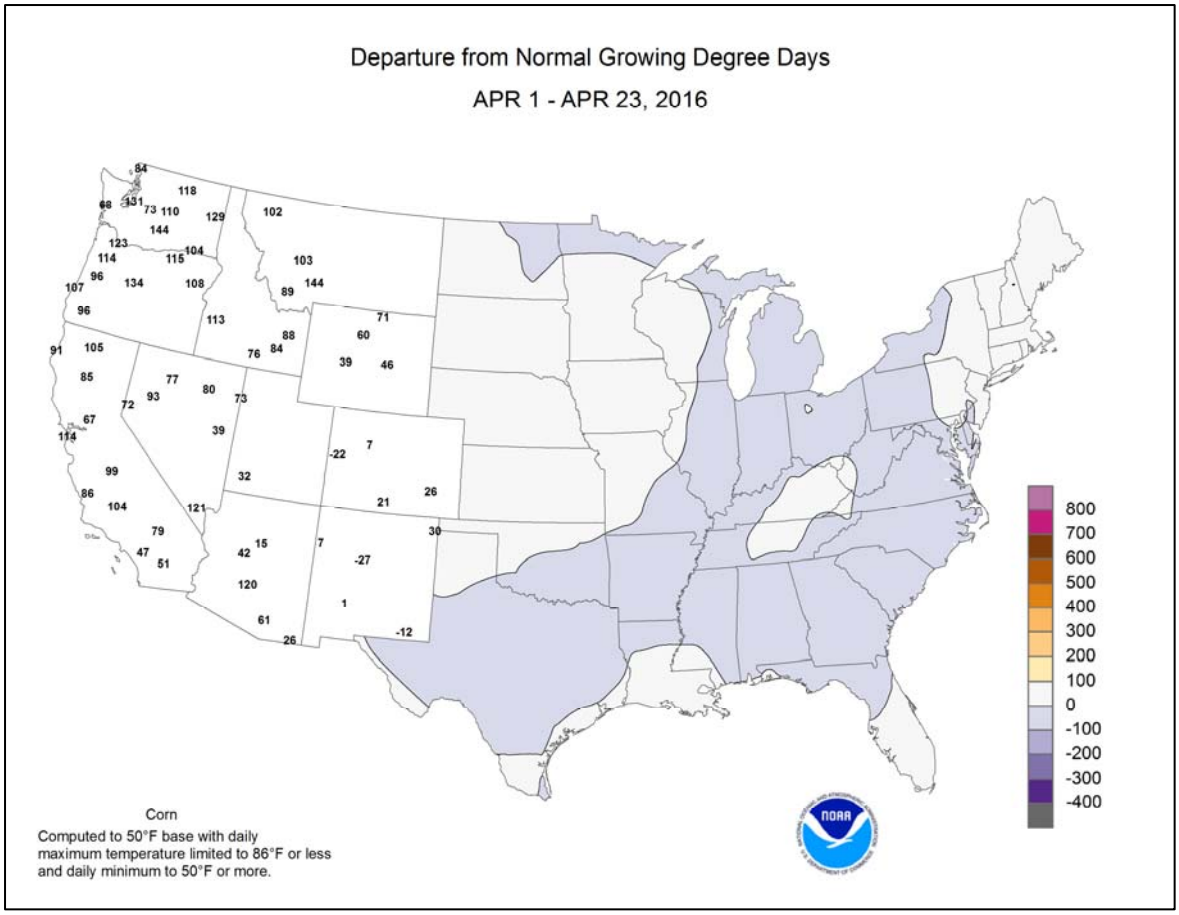
The week began with heavy rain in progress across the **nation's mid-section**. **Hastings, NE**, received 3.14 inches of rain on April 16-17, representing its second-highest 2-day total in April behind 4.82 inches on April 12-13, 1896. Daily-record amounts for April 17 totaled 3.39 inches in **Oklahoma City, OK**; 1.89 inches in **Abilene, TX**; and 1.85 inches in **Hastings**. On the night of April 17-18, historic rainfall triggered major flooding across a relatively small geographic area in **southeastern and south-central Texas**. With a 9.92-inch total on the 18th, **Houston, TX**, experienced its wettest April day on record—toppling the record of 8.16 inches that had been set exactly 40 years earlier, on April 18, 1976. It was also **Houston's** second-wettest day on record, behind only 10.34 inches on June 26, 1989. Daily-record amounts for April 18 reached 6.03 inches in **Shreveport, LA**, and 5.16 inches at **Houston's Hobby Airport**. In several **Texas** communities, including parts of **Austin, Harris, and Waller Counties**, rainfall topped 15 inches in a 24-hour period on April 17-18. For example, 24-hour rainfall along **Cypress Creek at Sharp Road (Harris County)** totaled 16.48 inches. **Cypress Creek near Cypress, TX**, rose 5.52 feet above flood stage on April 19, surging to its second-highest level on record behind 5.60 feet on October 18, 1994. **Peach Creek near Splendora, TX**, climbed 7.87 feet above flood stage on April 18, attaining its highest level since June 14, 1973. The **Colorado River at Columbus, TX**, crested 11.67 feet above flood stage on April 18, representing its highest level since July 26, 1938. And, the **Colorado River at Wharton, TX**, surged 9.29 feet above flood stage on April 21—the worst flood in that location since November 26, 2004, and 5.51 feet above the highest level recorded during the late-May 2015 deluge. Later, another round of rain overspread the **central U.S.** Daily-record amounts for April 19 totaled 2.34 inches in **Wichita Falls, TX**, and 1.88 inches in **Monticello, AR**. A day later, record-setting totals for April 20 reached 2.74 inches in **Cape Girardeau, MO**, and 2.05 inches in **Sioux City, IA**. It was **Cape Girardeau's** wettest April day since April 25, 2011, when 4.69 inches fell. Late in the week, showery weather returned to the **Northwest**. April 22 featured daily-record totals in **California** locations such as **Redding** (2.81 inches) and **South Lake Tahoe** (0.96 inch). At week's end, **Northwestern** precipitation began to spread eastward; daily-record amounts for April 23 included 0.73 inch in **Cut Bank, MT**, and 0.58 inch in **Worland, WY**.

Warm, dry weather covered the **Alaskan mainland**, while some precipitation fell across the state's southern tier. Weekly temperatures averaged at least 15°F above normal in parts of **western and northern Alaska**. Among the parade of **Alaskan** temperature records were highs of 70°F (on April 21) in **Hyder**; 66°F (on April 23) in **Fairbanks**; 66°F (on April 20) on **Annette Island**; 64°F (on April 21) in **Yakutat**; 62°F (on April 23) in **Bethel**; 61°F (on April 21) in **King Salmon**; and 50°F (on April 21) in **Nome**. Meanwhile, daily precipitation records were set in **Kodiak** (1.34 inches on April 23) and **Juneau** (0.89 inch on April 17); weekly totals in those locations were 2.56 and 1.89 inches, respectively. Farther south, **Hawaii** also experienced warm weather, accompanied by scattered showers. On **Kauai**, **Lihue** notched consecutive daily-record highs (85 and 86°F, respectively) on April 22-23. Meanwhile on the **Big Island**, **Hilo's** month-to-date rainfall climbed to 8.02 inches (87 percent of normal), aided by a 2.49-inch total on April 18. On **Oahu**, the **Manoa Lyon Arboretum** netted 5.70 inches of rain in a 24-hour period on April 17-18.


Total Growing Degree Days
MAR 1 - APR 23, 2016
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
MAR 1 - APR 23, 2016
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Total Growing Degree Days
APR 1 - APR 23, 2016
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
APR 1 - APR 23, 2016
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

National Weather Data for Selected Cities

Weather Data for the Week Ending April 23, 2016

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	79	54	82	49	67	5	0.28	-0.74	0.15	8.57	88	19.31	100	87	34	0	0	2	0
	HUNTSVILLE	79	54	84	48	67	6	0.04	-0.92	0.02	6.06	59	16.01	77	79	40	0	0	2	0
	MOBILE	80	59	82	54	69	2	0.07	-1.01	0.05	14.04	127	23.49	107	98	64	0	0	2	0
	MONTGOMERY	82	54	85	46	68	3	0.59	-0.36	0.59	9.67	99	20.33	100	86	35	0	0	1	1
AK	ANCHORAGE	54	36	58	30	45	7	0.00	-0.11	0.00	1.25	124	1.83	75	74	52	0	2	0	0
	BARROW	15	7	22	-2	11	9	0.02	-0.01	0.01	0.14	108	1.30	351	90	81	0	7	2	0
	FAIRBANKS	59	32	66	26	45	11	0.00	-0.03	0.00	0.59	159	0.65	50	67	48	0	4	0	0
	JUNEAU	55	39	61	30	47	5	1.89	1.21	0.89	5.76	101	15.55	107	89	75	0	1	5	2
	KODIAK	47	40	49	34	43	5	2.55	1.26	1.37	13.91	150	37.20	161	94	86	0	0	5	2
	NOME	46	32	50	22	39	18	0.04	-0.10	0.04	0.84	80	1.86	68	68	58	0	3	1	0
AZ	FLAGSTAFF	63	31	70	23	47	3	0.00	-0.26	0.00	1.16	32	4.94	59	62	16	0	5	0	0
	PHOENIX	91	65	97	60	78	7	0.00	-0.02	0.00	0.51	40	1.82	63	26	13	4	0	0	0
	PRESCOTT	72	41	79	33	57	6	0.00	-0.14	0.00	1.15	47	2.63	44	48	12	0	0	0	0
	TUCSON	88	56	95	50	72	5	0.00	-0.05	0.00	0.83	85	2.54	89	28	10	3	0	0	0
AR	FORT SMITH	75	56	84	50	66	4	1.92	1.02	1.11	7.56	112	9.71	83	88	52	0	0	2	2
	LITTLE ROCK	76	58	81	53	67	5	0.76	-0.51	0.43	14.28	158	19.97	125	93	53	0	0	3	0
CA	BAKERSFIELD	86	56	92	46	71	7	0.00	-0.06	0.00	1.21	67	3.34	80	47	28	3	0	0	0
	FRESNO	84	55	90	48	69	7	0.14	0.03	0.14	4.02	140	8.77	122	68	37	2	0	1	0
	LOS ANGELES	78	58	84	55	68	7	0.00	-0.09	0.00	1.77	60	5.44	60	74	30	0	0	0	0
	REDDING	80	51	90	47	65	7	2.81	2.36	2.81	13.59	189	27.18	142	79	47	1	0	1	1
	SACRAMENTO	79	50	88	44	65	6	0.17	0.00	0.17	5.65	154	11.91	108	87	30	0	0	1	0
	SAN DIEGO	80	61	87	59	71	8	0.00	-0.10	0.00	1.31	44	4.57	63	53	35	0	0	0	0
	SAN FRANCISCO	73	55	83	51	64	8	0.15	-0.04	0.15	5.93	138	12.36	97	65	54	0	0	1	0
	STOCKTON	80	49	90	44	65	4	0.41	0.24	0.41	5.82	188	11.21	136	87	49	1	0	1	0
CO	ALAMOSA	54	26	70	12	40	-2	0.62	0.51	0.35	1.81	221	2.79	218	90	51	0	6	3	0
	CO SPRINGS	58	34	78	30	46	0	0.35	-0.03	0.28	2.89	132	4.43	157	82	33	0	4	2	0
	DENVER INTL	56	35	77	29	46	0	0.18	-0.06	0.11	3.54	241	4.52	234	78	48	0	4	2	0
	GRAND JUNCTION	64	39	80	30	52	0	0.19	0.01	0.17	1.82	114	3.19	118	73	47	0	2	2	0
	PUEBLO	65	38	84	35	52	1	0.23	-0.05	0.18	2.29	123	3.16	129	80	48	0	0	3	0
CT	BRIDGEPORT	69	47	74	40	58	8	0.23	-0.67	0.19	4.40	61	11.56	83	78	41	0	0	2	0
	HARTFORD	73	40	82	32	57	7	0.57	-0.31	0.54	4.37	64	11.20	82	71	26	0	1	2	1
DC	WASHINGTON	77	53	85	47	65	8	0.28	-0.33	0.28	2.61	46	9.08	79	77	32	0	0	1	0
DE	WILMINGTON	74	46	82	36	60	7	0.16	-0.60	0.16	3.60	55	10.32	81	82	29	0	0	1	0
FL	DAYTONA BEACH	80	61	85	56	70	1	0.83	0.33	0.68	3.48	59	14.19	120	96	48	0	0	2	1
	JACKSONVILLE	80	54	86	46	67	0	0.60	-0.07	0.58	4.50	70	12.15	92	98	40	0	0	2	1
	KEY WEST	81	71	82	70	76	-1	1.14	0.67	1.06	1.70	50	8.78	123	88	63	0	0	3	1
	MIAMI	83	70	89	67	76	0	0.04	-0.73	0.03	1.70	34	12.12	135	75	48	0	0	2	0
	ORLANDO	83	61	86	56	72	0	0.01	-0.48	0.01	5.96	109	13.30	130	87	43	0	0	1	0
	PENSACOLA	76	64	83	58	70	2	0.00	-0.78	0.00	7.65	80	16.30	83	89	54	0	0	0	0
	TALLAHASSEE	83	54	86	45	69	2	0.58	-0.12	0.58	13.02	139	21.71	112	85	48	0	0	1	1
	TAMPA	84	65	86	59	74	2	0.08	-0.29	0.08	3.29	78	12.00	131	82	39	0	0	1	0
	WEST PALM BEACH	82	70	89	62	76	2	0.00	-0.78	0.00	2.99	47	15.54	122	68	44	0	0	0	0
GA	ATHENS	80	52	85	43	66	4	0.04	-0.68	0.04	3.83	50	11.99	72	88	51	0	0	1	0
	ATLANTA	78	55	82	48	66	4	0.31	-0.46	0.25	4.53	56	17.06	96	70	41	0	0	2	0
	AUGUSTA	81	48	86	39	65	2	0.03	-0.57	0.03	7.59	108	13.01	83	97	37	0	0	1	0
	COLUMBUS	79	54	83	45	67	2	0.73	-0.08	0.58	8.74	99	16.17	90	89	35	0	0	2	1
	MACON	77	52	85	41	64	1	0.28	-0.38	0.28	9.72	131	15.45	91	94	48	0	0	1	0
	SAVANNAH	81	53	84	44	67	1	0.72	0.00	0.72	7.27	116	13.68	104	87	44	0	0	1	1
HI	HILO	80	68	84	65	74	2	3.04	0.27	1.74	12.51	51	17.09	40	87	76	0	0	4	2
	HONOLULU	82	70	84	68	76	0	0.19	-0.04	0.08	0.45	16	0.89	11	77	68	0	0	4	0
	KAHULUI	84	69	86	68	76	2	0.37	0.00	0.34	3.10	82	4.65	47	85	72	0	0	3	0
	LIHUE	80	70	86	67	75	1	0.38	-0.28	0.31	3.28	56	4.44	32	79	71	0	0	4	0
ID	BOISE	74	48	87	44	61	10	0.41	0.13	0.41	2.04	87	3.54	73	62	33	0	0	1	0
	LEWISTON	78	48	86	41	63	11	0.17	-0.13	0.17	2.94	143	4.52	109	75	49	0	0	1	0
	POCATELLO	69	36	79	28	52	5	0.13	-0.12	0.13	3.65	165	4.93	113	73	36	0	3	1	0
IL	CHICAGO/O'HARE	68	46	83	38	57	8	0.49	-0.38	0.46	4.53	83	6.60	75	79	49	0	0	2	0
	MOLINE	72	45	83	39	59	7	0.89	0.01	0.59	4.13	71	5.46	62	87	50	0	0	3	1
	PEORIA	73	51	82	41	62	9	0.16	-0.68	0.13	2.97	55	4.35	51	86	45	0	0	2	0
	ROCKFORD	72	46	83	37	59	10	0.10	-0.75	0.08	5.78	114	7.31	93	77	49	0	0	2	0
	SPRINGFIELD	75	52	83	43	63	9	0.43	-0.34	0.20	7.11	126	9.44	104	87	42	0	0	3	0
IN	EVANSVILLE	76	52	83	48	64	7	1.16	0.12	1.08	8.41	111	14.75	108	91	47	0	0	2	1
	FORT WAYNE	71	48	82	45	60	10	0.30	-0.53	0.22	5.76	105	8.81	93	80	46	0	0	2	0
	INDIANAPOLIS	75	52	83	49	64	11	1.79	0.96	1.43	7.89	129	11.60	105	80	42	0	0	3	1
	SOUTH BEND	71	46	82	38	58	8	1.22	0.38	1.14	7.60	135	11.38	115	81	48	0	0	2	1
IA	BURLINGTON	71	51	80	45	61	7	1.02	0.18	0.61	4.84	86	6.22	74	95	55	0	0	4	1
	CEDAR RAPIDS	69	47	81	43	58	7	0.17	-0.58	0.09	4.33	94	5.86	87	97	57	0	0	4	0
	DES MOINES	70	52	80	45	61	9	0.76	-0.09	0.50	3.48	72	5.25	75	87	63	0	0	3	1
	DUBUQUE	68	47	79	41	58	9	0.23	-0.59	0.23	4.64	90	5.72	73	83	57	0	0	1	0
	SIOUX CITY	67	44	78	36	56	5	2.58	1.94	2.05	5.67	142	7.51	145	91	68	0	0	4	1
	WATERLOO	68	45	79	39	57	8	0.56	-0.20	0.29	4.04	90	5.76	90	87	62	0	0	4	0
KS	CONCORDIA	68	48	80	44	58	4	1.15	0.60	0.44	1.63	40	3.18	58	91	61	0	0	5	0
	DODGE CITY	64	42	82	38	53	-2	0.98	0.46	0.64	5.85	169	6.44	136	92	55	0	0	3	1
	GOODLAND	62	37	81	32	49	-1	0.11	-0.24	0.09	3.26	152	4.12	137	93	65	0	1	3	0
	TOPEKA	71	53	80	48	62	6	2.39	1.66	0.95	4.85	101	6.12	88	91	66	0	0	4	2

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending April 23, 2016

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	71	50	81	44	60	4	2.61	2.04	1.13	4.28	94	5.02	78	89	59	0	0	4	2
KY	JACKSON	78	55	86	51	67	10	0.44	-0.42	0.41	3.56	50	13.12	91	68	30	0	0	2	0
	LEXINGTON	78	52	84	46	65	9	0.26	-0.56	0.19	4.08	57	10.42	76	78	44	0	0	2	0
	LOUISVILLE	80	56	87	52	68	10	0.58	-0.31	0.41	7.02	96	12.84	93	76	34	0	0	2	0
	PADUCAH	78	52	82	48	65	7	0.39	-0.79	0.27	10.32	130	15.78	103	91	42	0	0	2	0
LA	BATON ROUGE	80	62	84	57	71	4	0.61	-0.69	0.35	12.70	137	22.01	107	93	52	0	0	3	0
	LAKE CHARLES	78	64	83	57	71	3	3.65	2.82	1.68	9.03	147	15.20	102	94	67	0	0	4	3
	NEW ORLEANS	80	67	82	63	73	4	0.52	-0.62	0.52	13.63	148	21.76	106	85	58	0	0	1	1
	SHREVEPORT	78	62	84	54	70	4	7.31	6.27	6.03	22.06	297	27.08	167	94	63	0	0	4	2
ME	CARIBOU	60	31	71	29	46	6	0.00	-0.61	0.00	7.49	166	12.96	136	72	27	0	5	0	0
	PORTLAND	63	37	68	30	50	5	0.20	-0.77	0.12	5.54	75	13.08	89	81	31	0	2	3	0
MD	BALTIMORE	76	47	83	38	62	8	0.09	-0.57	0.09	3.16	51	12.36	98	68	34	0	0	1	0
MA	BOSTON	64	45	78	39	54	4	0.11	-0.70	0.08	5.64	85	13.08	94	76	34	0	0	3	0
	WORCESTER	67	45	79	38	56	10	0.00	-0.88	0.00	5.66	79	13.04	91	***	***	0	0	0	0
MI	ALPENA	62	34	82	29	48	6	0.22	-0.30	0.22	6.56	170	11.09	159	90	42	0	3	1	0
	GRAND RAPIDS	68	46	82	38	57	9	0.08	-0.73	0.07	7.17	137	12.10	138	80	43	0	0	2	0
	HOUGHTON LAKE	66	38	80	31	52	9	0.21	-0.31	0.21	6.25	165	9.37	141	90	41	0	1	1	0
	LANSING	67	43	81	34	55	8	0.26	-0.45	0.25	5.82	123	8.98	115	79	50	0	0	2	0
	MUSKEGON	66	46	78	36	56	10	0.24	-0.42	0.24	6.35	140	10.56	127	73	51	0	0	1	0
	TRAVERSE CITY	65	38	80	29	52	8	0.13	-0.50	0.13	5.39	132	9.17	103	86	38	0	1	1	0
MN	DULUTH	56	37	69	30	46	5	0.00	-0.47	0.00	4.69	145	6.57	127	82	53	0	2	0	0
	INT'L FALLS	55	32	67	21	43	2	0.79	0.48	0.35	4.00	207	5.36	157	93	53	0	3	4	0
	MINNEAPOLIS	69	49	79	43	59	11	0.87	0.35	0.32	3.28	92	4.68	87	80	57	0	0	4	0
	ROCHESTER	67	46	78	40	57	11	0.39	-0.32	0.29	4.54	111	5.94	103	90	61	0	0	4	0
	ST. CLOUD	67	46	78	37	56	11	0.23	-0.25	0.09	1.91	61	2.87	64	84	48	0	0	5	0
MS	JACKSON	80	58	83	51	69	5	0.31	-1.07	0.20	19.02	184	30.61	149	90	48	0	0	2	0
	MERIDIAN	79	54	82	47	67	2	1.17	-0.08	0.89	16.26	144	23.75	105	92	50	0	0	2	1
	TUPELO	79	55	82	47	67	5	0.21	-0.89	0.16	11.39	113	18.56	93	85	47	0	0	3	0
MO	COLUMBIA	74	54	80	48	64	9	0.38	-0.61	0.29	2.85	46	4.51	44	94	53	0	0	4	0
	KANSAS CITY	70	52	78	47	61	6	1.13	0.32	0.72	4.19	89	5.35	75	91	56	0	0	5	1
	SAINT LOUIS	77	57	83	49	67	9	0.22	-0.63	0.22	4.08	64	5.68	53	81	48	0	0	1	0
	SPRINGFIELD	73	52	79	45	63	6	0.02	-0.97	0.01	3.77	53	5.05	44	86	54	0	0	2	0
MT	BILLINGS	64	42	83	29	53	6	0.44	0.03	0.28	2.38	103	2.91	79	83	44	0	1	3	0
	BUTTE	64	31	73	23	48	8	0.13	-0.10	0.13	1.50	100	1.97	79	81	22	0	4	1	0
	CUT BANK	66	33	76	23	49	7	0.65	0.45	0.65	1.34	121	1.82	102	82	28	0	3	1	1
	GLASGOW	67	38	80	26	52	6	0.00	-0.17	0.00	1.33	143	2.00	130	76	52	0	1	0	0
	GREAT FALLS	67	33	79	24	50	6	0.64	0.32	0.64	2.91	150	3.56	114	85	29	0	3	1	1
	HAVRE	70	35	79	27	53	7	0.01	-0.18	0.01	3.03	244	3.49	169	85	44	0	3	1	0
	MISSOULA	73	37	82	28	55	9	0.67	0.42	0.67	1.83	109	2.94	84	68	40	0	2	1	1
NE	GRAND ISLAND	64	44	80	37	54	3	2.45	1.84	1.70	3.99	103	6.17	121	92	71	0	0	5	1
	LINCOLN	69	50	82	43	59	6	2.24	1.56	1.23	3.21	76	4.80	86	93	64	0	0	4	2
	NORFOLK	64	43	81	35	54	4	2.85	2.25	1.59	5.30	139	7.45	145	89	65	0	0	4	3
	NORTH PLATTE	62	37	81	32	49	0	0.42	-0.05	0.34	4.12	162	5.38	156	94	55	0	1	3	0
	OMAHA	68	51	80	46	60	7	2.27	1.57	1.91	3.33	80	5.05	88	92	70	0	0	3	1
	SCOTTSBLUFF	63	36	81	31	50	3	0.42	-0.01	0.41	4.51	189	5.28	151	90	55	0	2	2	0
	VALENTINE	62	37	84	30	49	2	0.80	0.32	0.59	3.29	137	3.97	125	87	64	0	3	3	1
NV	ELY	65	29	73	22	47	4	0.24	0.05	0.24	2.16	129	5.19	164	64	29	0	6	1	0
	LAS VEGAS	85	62	91	58	74	7	0.00	0.00	0.00	1.03	158	1.58	82	20	11	3	0	0	0
	RENO	73	42	80	38	58	9	0.10	0.04	0.10	1.75	162	3.87	121	52	27	0	0	1	0
	WINNEMUCCA	73	31	79	22	52	5	0.08	-0.11	0.08	1.27	86	3.38	116	76	26	0	4	1	0
NH	CONCORD	71	37	80	28	54	8	0.03	-0.66	0.03	3.96	74	9.74	91	78	21	0	2	1	0
NJ	NEWARK	76	50	83	42	63	10	0.04	-0.85	0.04	2.37	33	10.42	74	61	27	0	0	1	0
NM	ALBUQUERQUE	70	44	81	34	57	1	0.04	-0.07	0.04	0.48	49	0.90	47	70	28	0	0	1	0
NY	ALBANY	71	41	78	32	56	8	0.03	-0.71	0.03	2.50	45	7.81	76	68	26	0	1	1	0
	BINGHAMTON	66	42	74	34	54	9	0.10	-0.73	0.10	6.74	121	12.45	117	66	39	0	0	1	0
	BUFFALO	66	43	74	38	54	7	0.00	-0.69	0.00	4.20	79	9.48	87	70	31	0	0	0	0
	ROCHESTER	67	40	77	35	53	6	0.03	-0.60	0.03	2.70	58	8.00	88	69	38	0	0	1	0
	SYRACUSE	68	39	78	34	54	7	0.00	-0.77	0.00	3.94	71	10.66	104	76	29	0	0	0	0
NC	ASHEVILLE	74	47	82	35	61	6	0.31	-0.45	0.31	2.79	38	11.77	78	79	35	0	0	1	0
	CHARLOTTE	79	52	88	37	65	3	0.34	-0.28	0.34	2.10	32	8.88	62	84	32	0	0	1	0
	GREENSBORO	78	53	87	40	65	7	0.42	-0.36	0.41	2.95	46	9.09	70	73	33	0	0	2	0
	HATTERAS	70	56	78	51	63	2	0.63	-0.04	0.63	8.14	108	21.25	123	86	53	0	0	1	1
	RALEIGH	78	52	88	37	65	5	1.02	0.42	1.02	6.26	102	12.66	93	79	42	0	0	1	1
	WILMINGTON	79	51	89	39	65	1	0.87	0.24	0.86	4.72	74	16.78	115	85	39	0	0	2	1
ND	BISMARCK	60	37	74	30	48	3	0.51	0.16	0.29	1.90	103	2.54	91	92	63	0	1	3	0
	DICKINSON	58	34	72	30	46	2	0.56	0.13	0.39	1.21	62	1.63	59	91	53	0	2	3	0
	FARGO	59	41	66	29	50	4	0.44	0.14	0.26	1.75	83	2.74	79	89	62	0	1	3	0
	GRAND FORKS	58	37	68	25	48	4	0.11	-0.17	0.10	1.83	106	2.41	81	89	58	0	2	2	0
	JAMESTOWN	56	38	69	26	47	2	0.44	0.13	0.17	1.34	74	1.53	52	92	61	0	2	4	0
	WILLISTON	61	38	73	35	49	5	0.03	-0.21	0.03	0.87	60	2.00	84	82	65	0	0	1	0
OH	AKRON-CANTON	70	46	80	40	58	9	0.53	-0.26	0.42	7.14	127	11.73	113	70	41	0	0	2	0
	CINCINNATI	76	52	83	48	64	9	0.44	-0.47	0.26	7.39	107	14.02	112	75	44	0	0	2	0
	CLEVELAND	67	45	79	42	56	7	0.10	-0.67	0.10	6.87	126	11.46	112	77	39	0	0	1	0
	COLUMBUS	73	49	81	44	61	8	0.10	-0.66	0.08	6.36	121	10.77	108	74	42	0	0	2	0
	DAYTON	74	49	83	43	61	9	0.28	-0.66	0.17	6.95	110	11.77	105	76	42	0	0	2	0
	MANSFIELD	69	46	80	39	57	9	0.26	-0.70	0.19	6.33	98	11.23	99	78	38	0	0	2	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending April 23, 2016

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	66	44	82	38	55	5	0.61	-0.14	0.35	7.45	146	10.67	120	79	51	0	0	2	0
	YOUNGSTOWN	70	43	80	35	56	7	0.46	-0.31	0.39	6.80	122	11.99	121	66	41	0	0	2	0
OK	OKLAHOMA CITY	72	53	79	50	62	1	4.72	4.03	3.38	7.37	149	8.83	113	95	58	0	0	3	2
	TULSA	74	56	83	50	65	3	3.25	2.33	1.39	7.34	116	8.53	86	96	64	0	0	4	3
OR	ASTORIA	68	48	85	46	58	9	0.57	-0.49	0.41	13.79	121	36.07	125	91	72	0	0	3	0
	BURNS	71	32	78	27	52	8	0.00	-0.17	0.00	1.44	79	3.16	77	73	31	0	3	0	0
	EUGENE	74	46	82	41	60	10	0.89	0.11	0.50	8.26	94	18.10	79	87	55	0	0	3	1
	MEDFORD	77	48	91	44	63	11	0.22	-0.06	0.17	3.25	115	8.49	115	82	34	1	0	2	0
	PENDLETON	76	46	83	39	61	9	0.15	-0.10	0.15	1.98	96	4.35	92	74	40	0	0	1	0
	PORTLAND	77	52	89	47	65	13	0.66	0.08	0.61	6.53	113	17.86	119	81	53	0	0	3	1
	SALEM	77	48	88	44	62	12	0.76	0.17	0.50	8.13	128	18.86	109	82	52	0	0	3	1
PA	ALLENTOWN	74	43	83	34	59	9	0.03	-0.77	0.02	2.45	40	11.48	93	68	32	0	0	2	0
	ERIE	64	41	71	36	53	5	0.00	-0.77	0.00	4.32	75	10.53	100	70	47	0	0	0	0
	MIDDLETOWN	73	46	81	38	60	7	0.22	-0.53	0.12	3.15	56	13.07	115	79	25	0	0	2	0
	PHILADELPHIA	75	50	82	44	63	9	0.11	-0.67	0.11	3.48	54	10.47	83	64	32	0	0	1	0
	PITTSBURGH	73	50	81	45	61	10	0.11	-0.57	0.11	4.33	80	9.26	88	58	29	0	0	1	0
	WILKES-BARRE	71	42	78	35	57	7	0.12	-0.65	0.12	4.05	79	9.85	102	68	25	0	0	1	0
	WILLIAMSPORT	72	41	82	34	57	7	0.06	-0.74	0.06	2.06	35	8.48	75	65	31	0	0	1	0
RI	PROVIDENCE	69	43	76	38	56	6	0.19	-0.74	0.13	6.43	84	14.80	95	79	40	0	0	2	0
SC	BEAUFORT	81	54	86	46	68	3	0.36	-0.26	0.36	5.30	86	11.28	85	93	36	0	0	1	0
	CHARLESTON	82	55	87	43	68	3	0.16	-0.40	0.16	4.33	70	12.62	94	85	33	0	0	1	0
	COLUMBIA	83	53	88	41	68	4	0.68	0.07	0.68	4.70	67	11.33	73	85	33	0	0	1	1
	GREENVILLE	79	52	87	42	66	6	0.33	-0.42	0.33	3.10	39	11.35	68	79	34	0	0	1	0
SD	ABERDEEN	63	39	80	29	51	4	1.83	1.42	1.15	3.02	113	3.71	102	89	64	0	1	2	2
	HURON	62	39	80	28	50	2	1.19	0.66	0.63	2.80	84	3.67	84	96	63	0	1	2	2
	RAPID CITY	60	37	80	32	49	3	0.44	-0.01	0.32	1.86	81	2.72	87	92	55	0	1	2	0
	SIOUX FALLS	66	43	75	33	54	7	1.75	1.14	0.91	3.92	105	5.60	118	91	66	0	0	3	2
TN	BRISTOL	78	46	85	38	62	7	0.56	-0.17	0.56	3.76	60	11.16	85	84	31	0	0	1	1
	CHATTANOOGA	81	53	85	45	67	7	0.25	-0.64	0.25	4.96	52	15.70	79	86	38	0	0	1	0
	KNOXVILLE	80	53	86	43	67	8	0.49	-0.39	0.37	4.40	54	14.29	85	81	35	0	0	2	0
	MEMPHIS	78	59	81	55	69	6	1.73	0.38	0.96	20.00	200	27.85	150	82	43	0	0	3	2
	NASHVILLE	80	55	85	49	67	8	0.22	-0.65	0.22	4.85	62	11.48	74	83	30	0	0	1	0
TX	ABILENE	71	54	80	50	63	-2	3.40	3.01	1.94	7.97	309	8.69	186	97	72	0	0	5	1
	AMARILLO	69	44	83	37	56	-1	1.76	1.46	0.71	2.45	119	3.14	97	89	48	0	0	3	2
	AUSTIN	80	60	82	52	70	1	2.51	1.91	1.29	8.98	238	11.16	146	91	75	0	0	4	2
	BEAUMONT	79	64	85	55	72	3	5.89	5.02	4.67	11.03	168	16.99	109	98	67	0	0	5	2
	BROWNSVILLE	85	69	91	66	77	3	2.32	1.84	2.24	5.18	224	7.06	146	96	67	1	0	3	1
	CORPUS CHRISTI	83	69	88	66	76	4	2.32	1.83	1.98	9.31	296	11.60	176	91	67	0	0	2	1
	DEL RIO	81	64	85	59	72	1	2.78	2.36	2.05	6.09	289	6.84	188	92	69	0	0	3	1
	EL PASO	82	53	87	41	68	3	0.00	-0.05	0.00	0.05	14	0.58	48	48	15	0	0	0	0
	FORT WORTH	77	61	82	57	69	3	3.71	2.95	1.60	6.49	124	9.73	102	85	53	0	0	4	3
	GALVESTON	77	67	81	65	72	1	2.30	1.74	1.39	8.08	174	12.04	106	96	73	0	0	3	2
	HOUSTON	77	62	81	56	70	1	1.83	1.00	0.79	5.81	97	9.92	78	99	81	0	0	5	2
	LUBBOCK	76	49	84	41	62	1	0.45	0.14	0.44	1.22	75	1.61	57	88	52	0	0	2	0
	MIDLAND	79	55	86	52	67	2	0.10	-0.08	0.09	1.67	211	2.15	113	84	51	0	0	2	0
	SAN ANGELO	74	55	81	50	65	-1	2.41	2.02	1.71	8.45	425	9.25	232	94	67	0	0	5	1
	SAN ANTONIO	80	63	84	56	72	3	2.66	2.03	1.70	8.61	236	11.54	163	91	58	0	0	3	2
	VICTORIA	81	64	85	57	73	3	2.11	1.40	1.46	8.09	189	13.03	149	94	74	0	0	4	2
	WACO	78	59	81	52	68	1	4.65	3.91	1.48	10.76	239	13.21	150	94	66	0	0	4	4
	WICHITA FALLS	73	54	81	52	64	1	3.70	3.09	2.34	8.24	199	9.94	146	92	70	0	0	5	2
UT	SALT LAKE CITY	72	48	83	37	60	9	0.21	-0.25	0.21	3.32	99	5.78	95	56	21	0	0	1	0
VT	BURLINGTON	64	38	76	32	51	6	0.34	-0.33	0.18	3.67	83	8.00	96	77	27	0	1	2	0
VA	LYNCHBURG	76	47	85	36	61	5	0.36	-0.42	0.36	5.01	78	12.30	94	74	37	0	0	1	0
	NORFOLK	74	50	85	42	62	4	0.65	-0.09	0.59	5.42	82	16.29	117	80	44	0	0	2	1
	RICHMOND	78	47	87	37	63	5	0.60	-0.09	0.60	2.59	40	10.24	79	78	39	0	0	1	1
	ROANOKE	78	50	88	38	64	7	0.21	-0.61	0.21	2.69	41	10.92	85	63	35	0	0	1	0
	WASH/DULLES	75	47	83	38	61	7	0.19	-0.53	0.18	2.83	48	11.08	94	72	41	0	0	2	0
WA	OLYMPIA	76	44	88	38	60	12	0.28	-0.49	0.22	10.05	123	25.19	115	91	57	0	0	2	0
	QUILLAYUTE	68	47	80	45	58	11	0.56	-1.08	0.37	18.06	107	49.53	115	92	67	0	0	3	0
	SEATTLE-TACOMA	76	52	89	48	64	13	0.01	-0.54	0.01	6.29	108	19.71	130	78	55	0	0	1	0
	SPOKANE	76	49	85	41	63	16	0.06	-0.22	0.06	3.54	145	7.00	121	69	28	0	0	1	0
	YAKIMA	81	47	88	37	64	15	0.00	-0.11	0.00	2.10	191	4.82	157	58	46	0	0	0	0
WV	BECKLEY	72	48	80	40	60	7	0.55	-0.24	0.53	3.66	60	9.95	81	65	42	0	0	2	1
	CHARLESTON	80	51	87	43	65	10	0.17	-0.56	0.16	3.67	58	10.84	85	73	26	0	0	2	0
	ELKINS	73	42	80	34	57	7	0.33	-0.47	0.22	4.48	69	10.15	77	83	30	0	0	2	0
	HUNTINGTON	80	51	86	43	66	10	1.41	0.65	1.40	5.08	81	12.54	100	77	27	0	0	2	1
WI	EAU CLAIRE	69	46	81	33	57	10	0.26	-0.43	0.19	5.47	137	6.85	117	89	44	0	0	3	0
	GREEN BAY	65	41	82	35	53	7	0.26	-0.32	0.23	5.13	128	7.61	122	85	48	0	0	2	0
	LA CROSSE	73	49	83	44	61	11	0.12	-0.68	0.06	4.92	109	7.09	106	84	40	0	0	3	0
	MADISON	68	44	80	34	56	9	0.19	-0.60	0.19	6.98	145	9.21	125	81	50	0	0	1	0
	MILWAUKEE	60	42	78	38	51	5	0.19	-0.70	0.12	5.54	101	7.85	87	84	64	0	0	2	0
WY	CASPER	59	32	79	29	46	3	0.26	-0.11	0.14	1.67	90	3.12	101	86	47	0	4	3	0
	CHEYENNE	55	33	72	26	44	2	0.23	-0.14	0.16	3.18	153	4.38	147	81	51	0	3	4	0
	LANDER	59	36	75	31	48	3	0.71	0.21	0.52	5.33	200	6.25	168	86	35	0	3	3	1
	SHERIDAN	61	36	82	32	49	4	1.23	0.80	0.49	2.82	127	4.27	120	82	57	0	1	3	0

Based on 1971-2000 normals ***** Not Available**

National Agricultural Summary

April 18 – 24, 2016

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Above average temperatures prevailed across most of the U.S., while parts of the Southeast experienced slightly cooler than normal weather. Several locations in the Northwest recorded average temperatures more than 6°F above normal. Precipitation was near average throughout most of the nation, with notable exceptions in the southern Great Plains and western Gulf Coast. Storm systems delivered heavy rainfall to parts of Louisiana, Oklahoma, and Texas, with portions of eastern Texas receiving more than 6 inches during the week.

Corn: By April 24, producers had planted 30 percent of the nation's corn crop, 14 percentage points ahead of both last year and the 5-year average. Excellent fieldwork conditions facilitated rapid planting progress, particularly in Minnesota and Illinois. In those two states, producers planted 32 and 30 percent, respectively, of the intended corn acreage during the week. By week's end, 5 percent of the 2016 corn crop had emerged, 3 percentage points ahead of last year and slightly ahead of the 5-year average.

Soybeans: By April 24, three percent of nation's soybean crop was planted, slightly ahead of both last year and the 5-year average. Although planting was most advanced in the Delta, wet conditions have led to significant delays in Louisiana—only 19 percent planted by week's end, 15 percentage points behind the 5-year average.

Winter Wheat: Nationally, 26 percent of the winter wheat was headed by week's end, slightly ahead of last year and 2 points ahead of the 5-year average. Beneficial precipitation promoted rapid crop development in Kansas, with heading advancing 20 percentage points during the week. Overall, 59 percent of the winter wheat was reported in good to excellent condition, up 2 percentage points from last week and 17 points better than the same time last year.

Cotton: By week's end, cotton producers had planted 10 percent of this year's crop, slightly ahead of last year but 3 percentage points behind the 5-year average. Producers in Texas and Georgia—the two largest cotton-producing states—had only planted 11 and 2 percent of their respective crops by week's end, 4 and 5 percentage points behind the 5-year averages.

Sorghum: Producers had planted 20 percent of the nation's sorghum by April 24, three percentage points behind last year and 4 points behind the 5-year average. Producers in the Midwest were just beginning to seed their sorghum.

Rice: Producers had seeded 62 percent of this year's rice by week's end, 25 percentage points ahead of last year and 17 points ahead of the 5-year average. Warm, drier conditions in Missouri allowed for 86 percent of the rice in that state to be planted by week's end, up 36 percentage points from last week. Nationally, emergence advanced to 38 percent, 15 percentage points ahead of last year and 9 points ahead of the 5-year average.

Small Grains: Nationwide, 71 percent of the oat crop was seeded by April 24, three percentage points ahead of last year and 14 points ahead of the 5-year average. Double-digit planting progress was observed in all estimating states except Texas, where planting was complete. Emergence advanced to 41 percent by week's end, slightly ahead of both last year and the 5-year average. At least 25 percent of the crop emerged during the week in Iowa, Minnesota, and Nebraska.

Forty-five percent of the barley crop was seeded by week's end, 7 percentage points behind last year but 9 points ahead of the 5-year average. Nationwide, 15 percent of the 2016 barley crop was emerged, equal to last year but 6 points ahead of the 5-year average. Emergence progress was most rapid in Idaho, advancing 27 percentage points during the week.

Spring wheat producers had seeded 42 percent of this year's crop by April 24, eight percentage points behind last year but 14 points ahead of the 5-year average. Favorable planting conditions in Montana and South Dakota have allowed producers to achieve planting progress more than 25 percentage points ahead of the respective 5-year averages. Nationally, emergence advanced to 8 percent, equal to last year but slightly ahead of the 5-year average.

Other Crops: Nationally, peanut producers had planted 4 percent of this year's crop by week's end, equal to both last year and the 5-year average. Planting was most advanced in Florida, at 12 percent complete. This is 7 percentage points ahead of last year and 6 points ahead of the 5-year average.

Sixty-one percent of the nation's sugarbeet crop was planted by week's end, 11 percentage points behind last year but 25 points ahead of the 5-year average. Despite a late start in Michigan, producers have planted 37 percent of the sugarbeet crop, 5 percentage points ahead of the 5-year average.

Crop Progress and Condition

Week Ending April 24, 2016

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

Corn Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
CO	7	0	7	9
IL	26	12	42	25
IN	2	1	11	13
IA	12	13	40	9
KS	29	35	43	27
KY	6	23	50	28
MI	3	0	3	4
MN	31	13	45	11
MO	17	58	81	31
NE	13	7	16	11
NC	54	46	73	66
ND	6	1	6	4
OH	2	0	8	9
PA	2	4	14	6
SD	13	1	6	7
TN	14	35	65	43
TX	55	49	52	63
WI	4	1	10	3
18 Sts	16	13	30	16

These 18 States planted 93% of last year's corn acreage.

Corn Percent Emerged

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
CO	0	NA	0	0
IL	1	NA	4	6
IN	0	NA	0	3
IA	0	NA	0	0
KS	12	NA	22	8
KY	1	NA	8	12
MI	0	0	0	0
MN	0	NA	1	0
MO	2	NA	24	10
NE	0	NA	1	1
NC	20	12	34	32
ND	0	NA	0	0
OH	0	NA	0	1
PA	0	NA	0	0
SD	0	NA	0	0
TN	2	NA	15	20
TX	46	40	43	53
WI	0	NA	0	0
18 Sts	2	NA	5	4

These 18 States planted 93% of last year's corn acreage.

Soybeans Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AR	15	12	17	16
IL	0	NA	2	2
IN	0	NA	2	3
IA	0	NA	3	0
KS	2	NA	0	1
KY	0	NA	3	2
LA	22	13	19	34
MI	0	NA	0	1
MN	1	NA	2	0
MS	37	19	25	27
MO	0	NA	5	1
NE	0	NA	0	1
NC	1	0	1	2
ND	1	NA	0	0
OH	0	NA	0	2
SD	0	0	0	0
TN	1	NA	2	1
WI	0	NA	1	0
18 Sts	2	NA	3	2

These 18 States planted 95% of last year's soybean acreage.

Cotton Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AL	4	0	14	9
AZ	64	45	55	58
AR	4	0	3	8
CA	44	40	80	61
GA	2	0	2	7
KS	1	0	0	1
LA	4	0	3	15
MS	5	3	6	7
MO	0	2	14	3
NC	0	0	1	5
OK	2	1	2	1
SC	3	2	8	7
TN	2	0	1	1
TX	8	10	11	15
VA	0	0	5	3
15 Sts	9	7	10	13

These 15 States planted 99% of last year's cotton acreage.

Sorghum Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AR	38	19	30	47
CO	0	0	0	0
IL	0	0	1	3
KS	0	0	0	0
LA	63	53	64	77
MO	1	1	14	3
NE	1	0	1	1
NM	4	2	5	3
OK	19	6	10	7
SD	0	0	0	0
TX	54	42	50	59
11 Sts	23	16	20	24

These 11 States planted 98% of last year's sorghum acreage.

VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
* Revised

Peanuts Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AL	7	0	3	4
FL	5	6	12	6
GA	5	0	4	4
NC	0	0	0	3
OK	3	NA	0	3
SC	1	0	0	3
TX	1	NA	2	1
VA	0	NA	0	1
8 Sts	4	NA	4	4

These 8 States planted 97% of last year's peanut acreage.

Sugarbeets Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
ID	82	55	65	76
MI	38	1	37	32
MN	79	54	73	28
ND	74	25	52	26
4 Sts	72	40	61	36

These 4 States planted 84% of last year's sugarbeet acreage.

Crop Progress and Condition

Week Ending April 24, 2016

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

Winter Wheat Percent Headed

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AR	38	29	58	50
CA	77	70	85	82
CO	1	0	0	0
ID	2	1	3	0
IL	2	1	2	13
IN	2	0	3	5
KS	14	3	23	15
MI	0	0	0	0
MO	1	0	23	17
MT	0	0	0	0
NE	0	0	0	0
NC	26	22	40	43
OH	0	0	0	0
OK	63	25	57	52
OR	2	0	0	1
SD	0	0	0	0
TX	57	35	50	52
WA	0	1	5	0
18 Sts	25	12	26	24

These 18 States planted 90% of last year's winter wheat acreage.

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	3	5	33	46	13
CA	0	0	15	35	50
CO	3	11	25	50	11
ID	0	1	11	69	19
IL	1	4	27	52	16
IN	1	3	18	60	18
KS	2	9	36	48	5
MI	1	7	22	53	17
MO	1	4	29	55	11
MT	1	4	35	53	7
NE	0	4	36	50	10
NC	5	15	34	39	7
OH	0	1	20	53	26
OK	0	5	36	50	9
OR	0	0	34	57	9
SD	0	1	28	65	6
TX	2	9	41	39	9
WA	1	2	14	72	11
18 Sts	1	7	33	50	9
Prev Wk	2	7	34	48	9
Prev Yr	6	14	38	35	7

Rice Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AR	34	55	75	47
CA	6	1	3	5
LA	83	75	79	86
MS	46	39	53	44
MO	3	50	86	33
TX	63	75	76	80
6 Sts	37	48	62	45

These 6 States planted 100% of last year's rice acreage.

Rice Percent Emerged

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
AR	17	11	40	26
CA	1	0	0	1
LA	68	56	66	70
MS	27	14	30	28
MO	1	3	35	15
TX	52	59	68	66
6 Sts	23	19	38	29

These 6 States planted 100% of last year's rice acreage.

Oats Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
IA	82	78	92	68
MN	65	46	68	32
NE	92	71	85	80
ND	25	15	28	14
OH	21	21	59	40
PA	30	53	81	41
SD	78	55	74	51
TX	100	100	100	100
WI	40	16	37	26
9 Sts	68	56	71	57

These 9 States planted 68% of last year's oat acreage.

Oats Percent Emerged

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
IA	35	15	40	29
MN	18	2	27	12
NE	63	23	54	41
ND	2	0	1	2
OH	2	6	17	15
PA	10	19	29	17
SD	27	14	28	20
TX	100	100	100	100
WI	5	1	4	6
9 Sts	40	30	41	40

These 9 States planted 68% of last year's oat acreage.

Spring Wheat Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
ID	75	46	65	70
MN	76	23	46	33
MT	40	34	53	24
ND	36	14	26	18
SD	82	61	72	45
WA	89	63	72	67
6 Sts	50	27	42	28

These 6 States planted 99% of last year's spring wheat acreage.

Barley Percent Planted

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
ID	80	54	71	66
MN	54	14	32	23
MT	55	41	52	35
ND	25	10	19	13
WA	74	38	51	49
5 Sts	52	33	45	36

These 5 States planted 82% of last year's barley acreage.

Barley Percent Emerged

	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
ID	41	9	36	28
MN	7	NA	7	5
MT	9	5	11	4
ND	1	NA	4	1
WA	28	23	24	16
5 Sts	15	NA	15	9

These 5 States planted 82% of last year's barley acreage.

Spring Wheat Percent Emerged

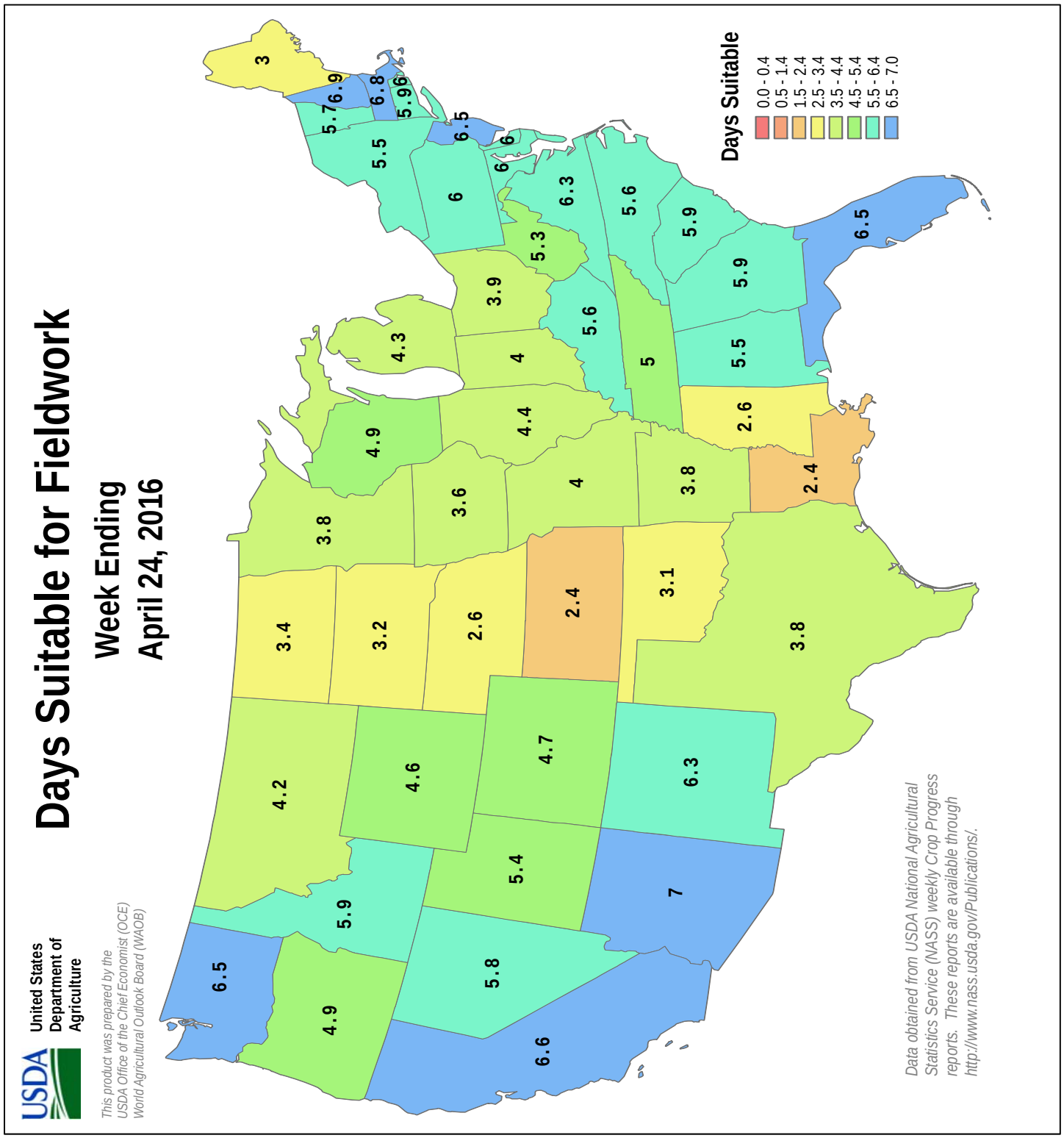
	Prev Year	Prev Week	Apr 24 2016	5-Yr Avg
ID	36	NA	14	29
MN	15	NA	9	8
MT	3	0	2	2
ND	2	NA	5	4
SD	7	14	24	16
WA	42	35	41	31
6 Sts	8	NA	8	7

These 6 States planted 99% of last year's spring wheat acreage.

Crop Progress and Condition

Week Ending April 24, 2016

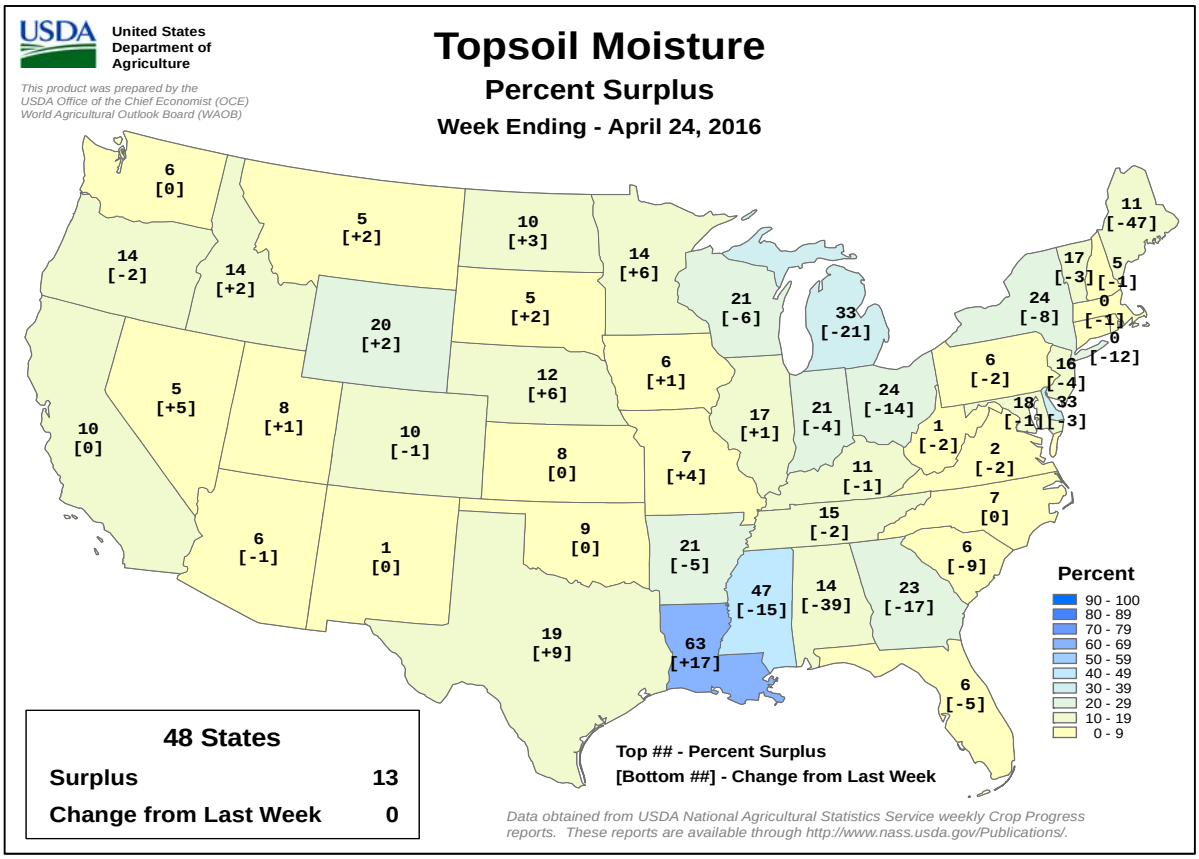
Weekly U.S. Progress and Condition Data provided by USDA/NASS

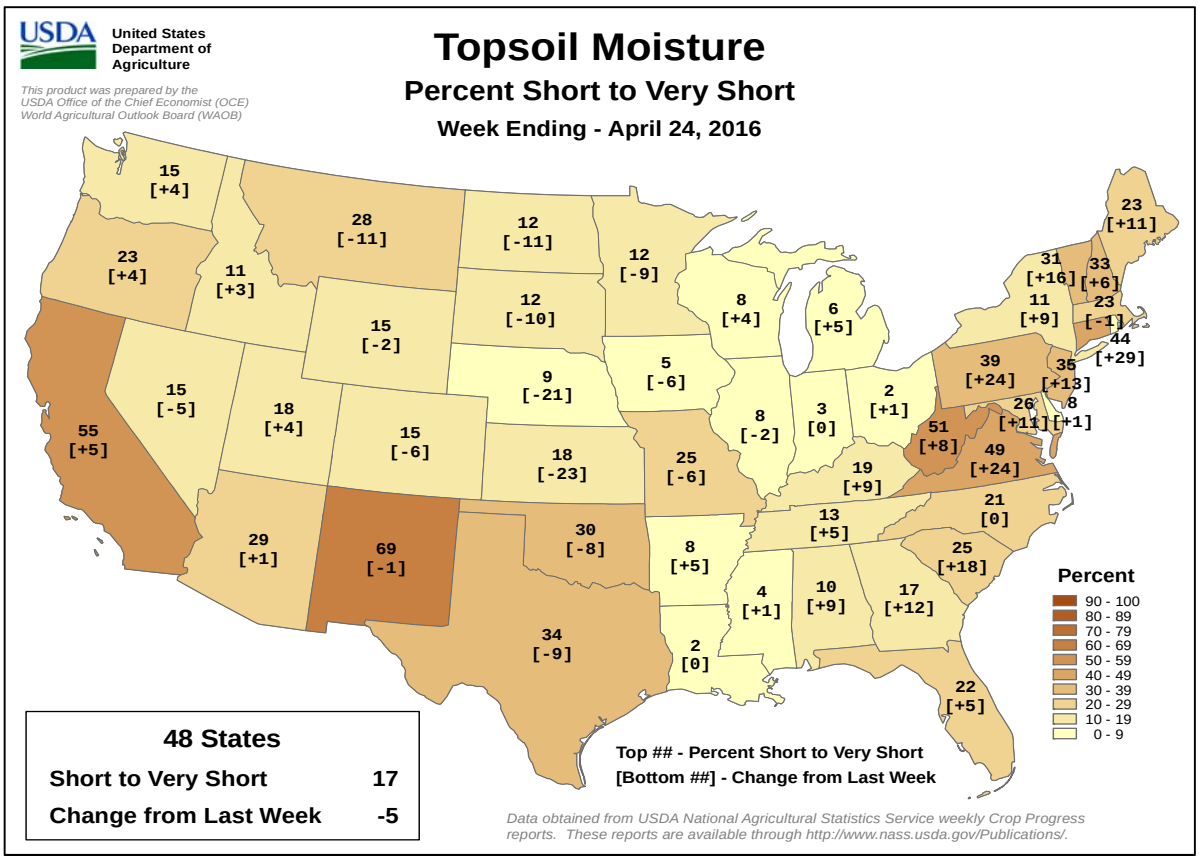


Crop Progress and Condition

Week Ending April 24, 2016

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

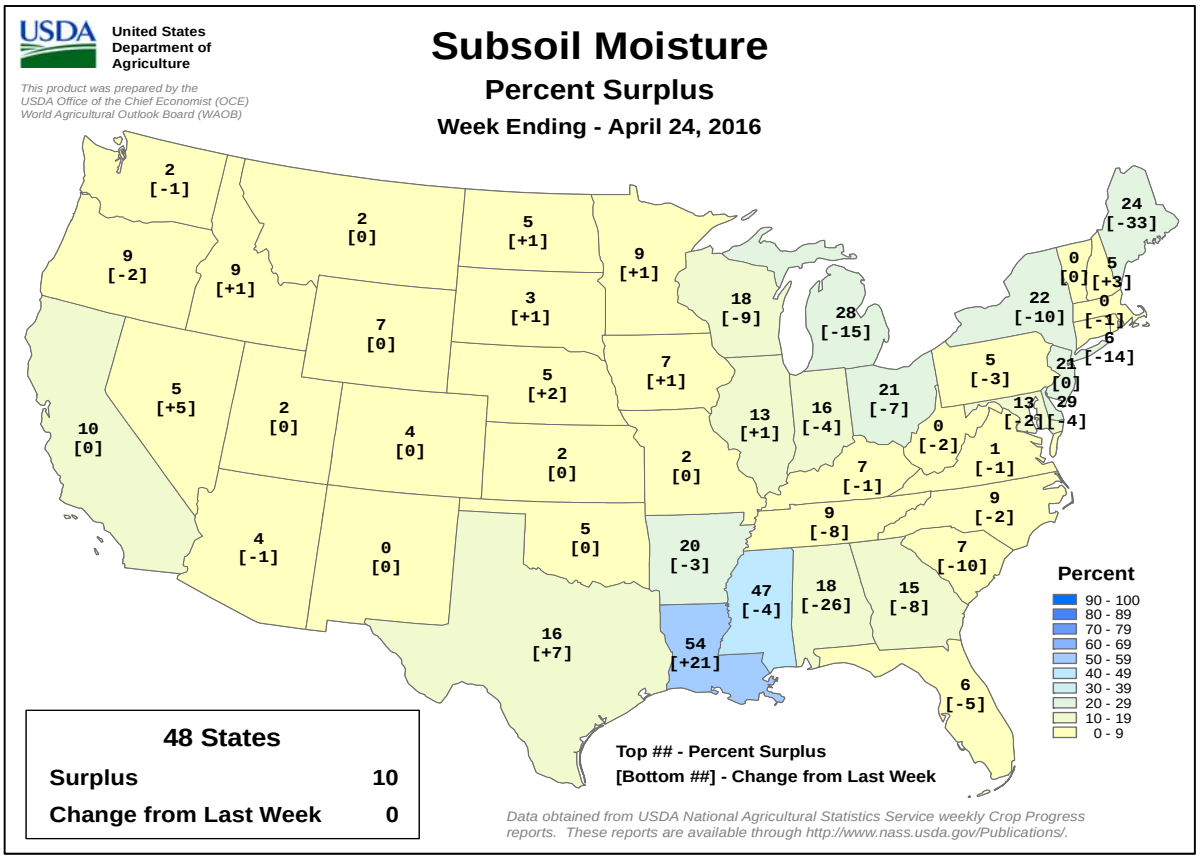


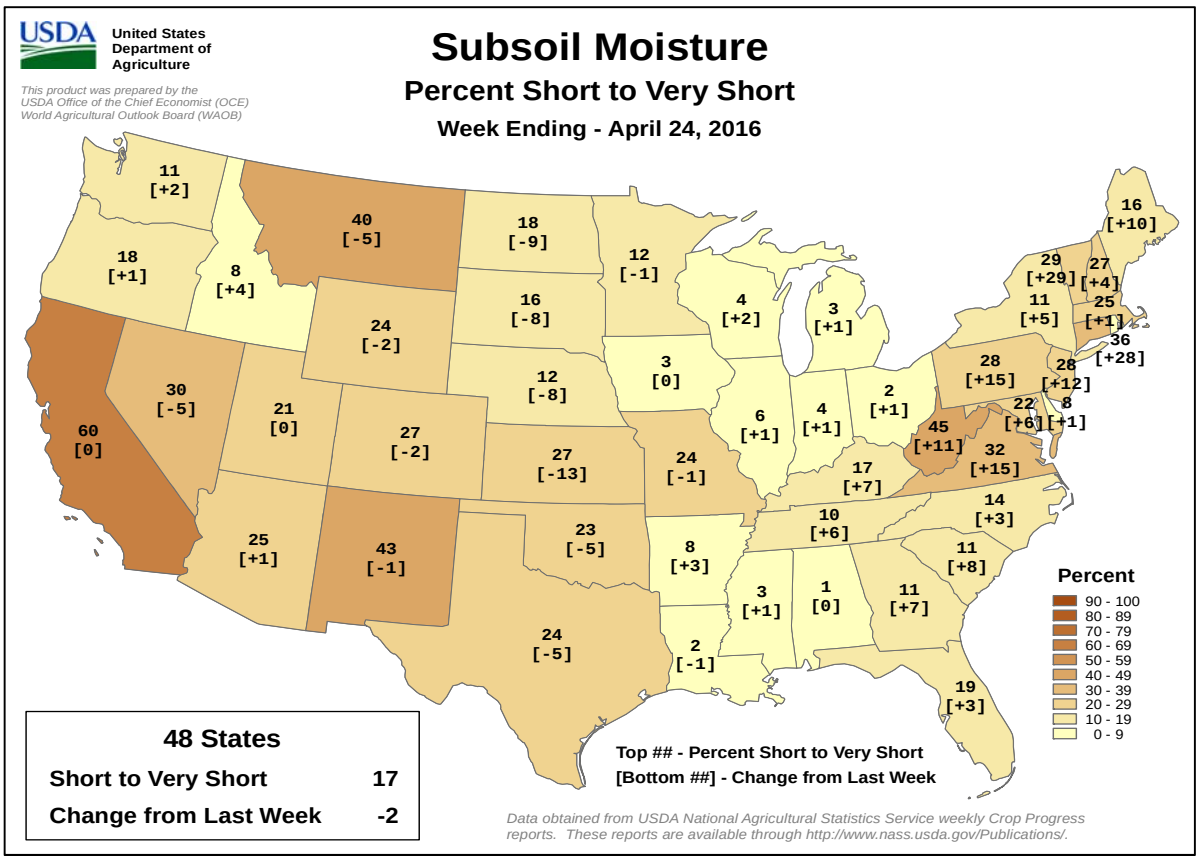


Crop Progress and Condition

Week Ending April 24, 2016

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





International Weather and Crop Summary

April 17-23, 2016

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

HIGHLIGHTS

EUROPE: Sunny skies promoted fieldwork in the north, while rain maintained favorable conditions for winter grain development over most of southern Europe.

WESTERN FSU: Mostly sunny skies promoted summer crop sowing in southern Russia, while showers across the rest of the region favored winter wheat development.

EASTERN FSU: Unseasonable warmth accelerated spring wheat emergence and development over northern Kazakhstan and central Russia.

MIDDLE EAST: Above-normal temperatures accelerated winter grain development before a late-week freeze likely caused some burnback to heading to flowering wheat in central Turkey.

NORTHWESTERN AFRICA: Sunny skies and above–normal temperatures accelerated winter grain maturation and drydown.

EAST ASIA: Showers kept crops well watered in southern China, while soil moisture remained limited for wheat on the North China Plain in the absence of supplemental irrigation.

SOUTHEAST ASIA: Showers were showing a sign of retreating from southern sections of the region, as pre-monsoon rainfall was seen in the northern areas.

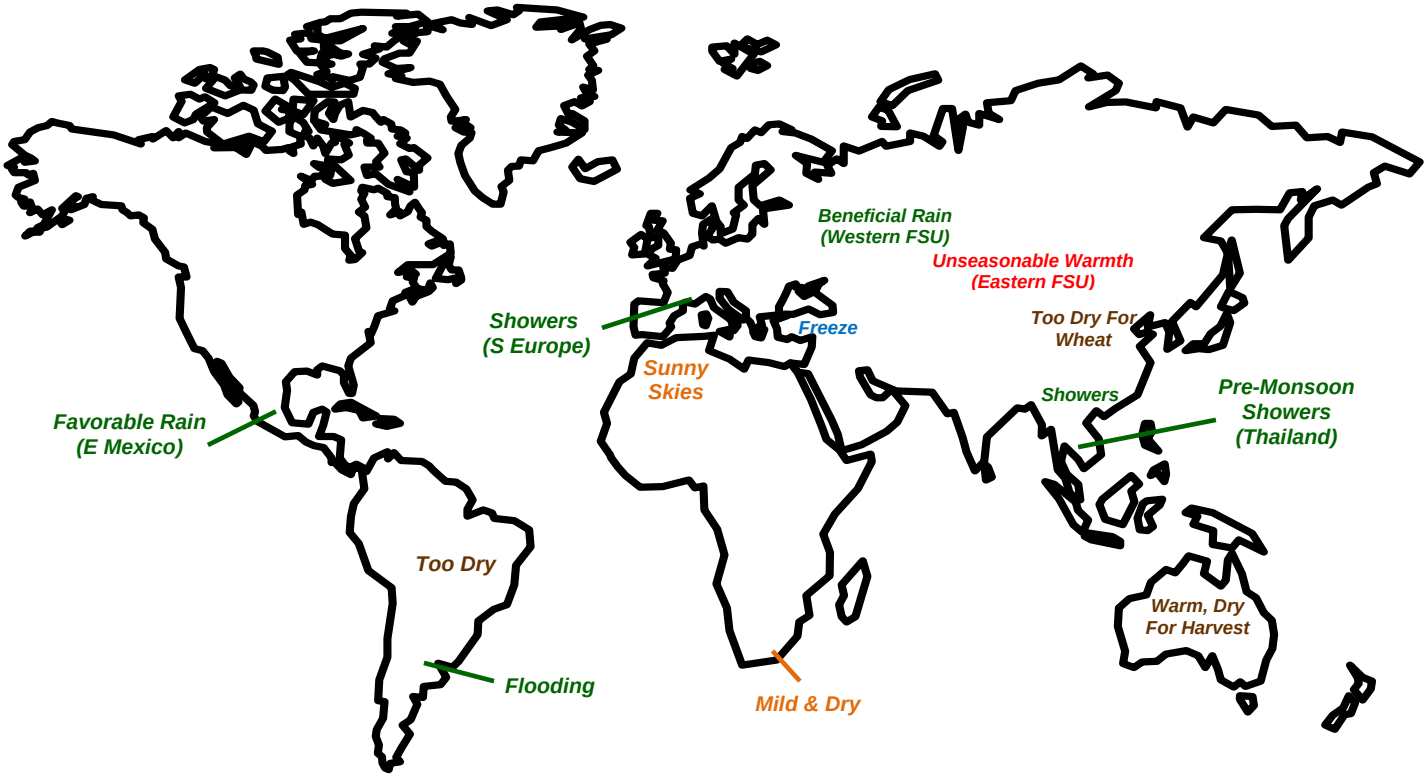
AUSTRALIA: Very warm mostly dry weather favored summer crop maturation and harvesting.

SOUTH AFRICA: Warm mostly dry weather persisted in eastern summer crops areas, as timely rain boosted moisture for winter wheat in Western Cape.

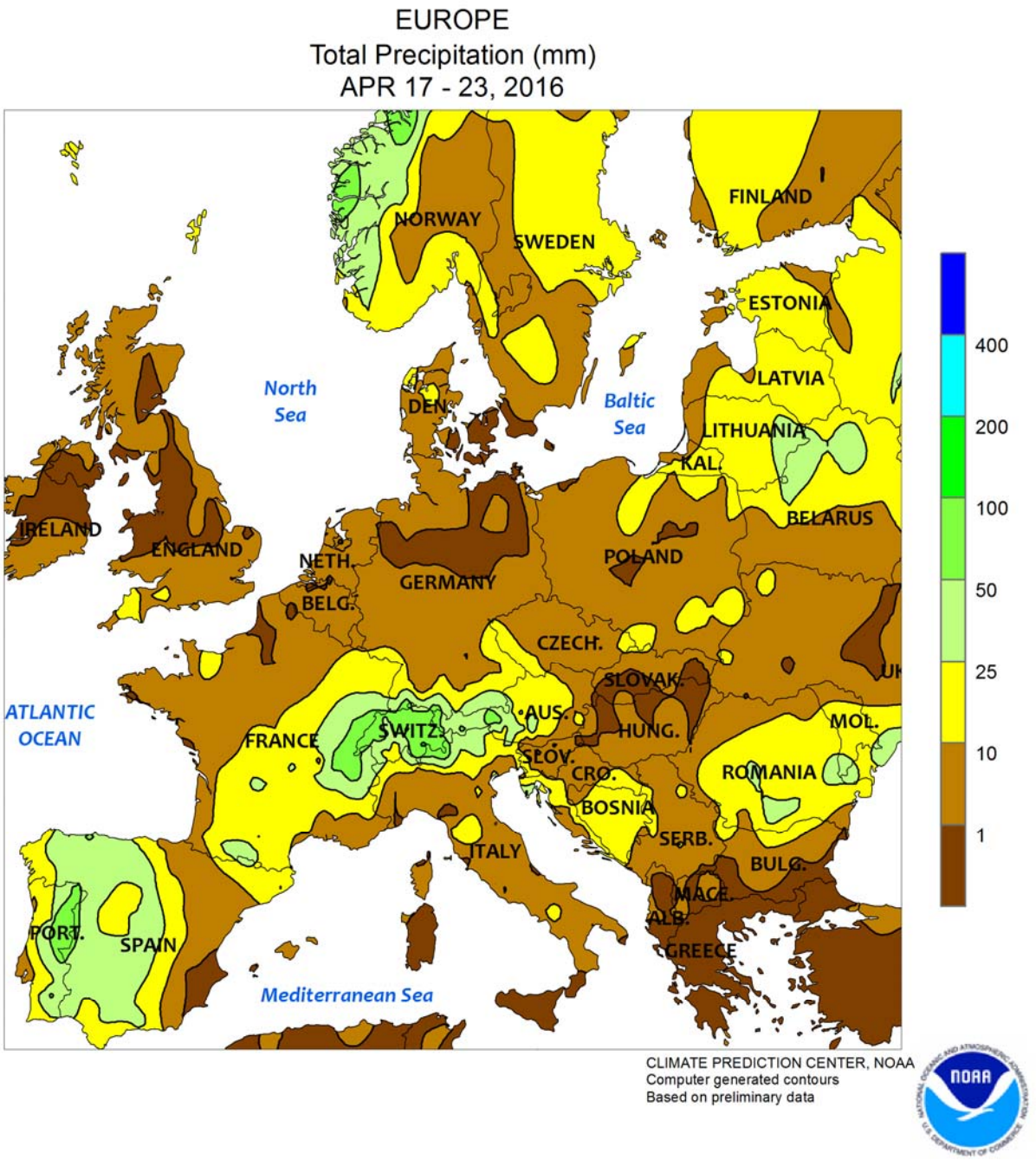
ARGENTINA: Persistent wetness sustained harvest delays and flooding in eastern corn and soybean areas.

BRAZIL: Dry weather dominated much of the central interior, reducing moisture for corn and cotton.

MEXICO: Seasonal showers provided timely moisture for corn planting in eastern sections of the southern plateau.



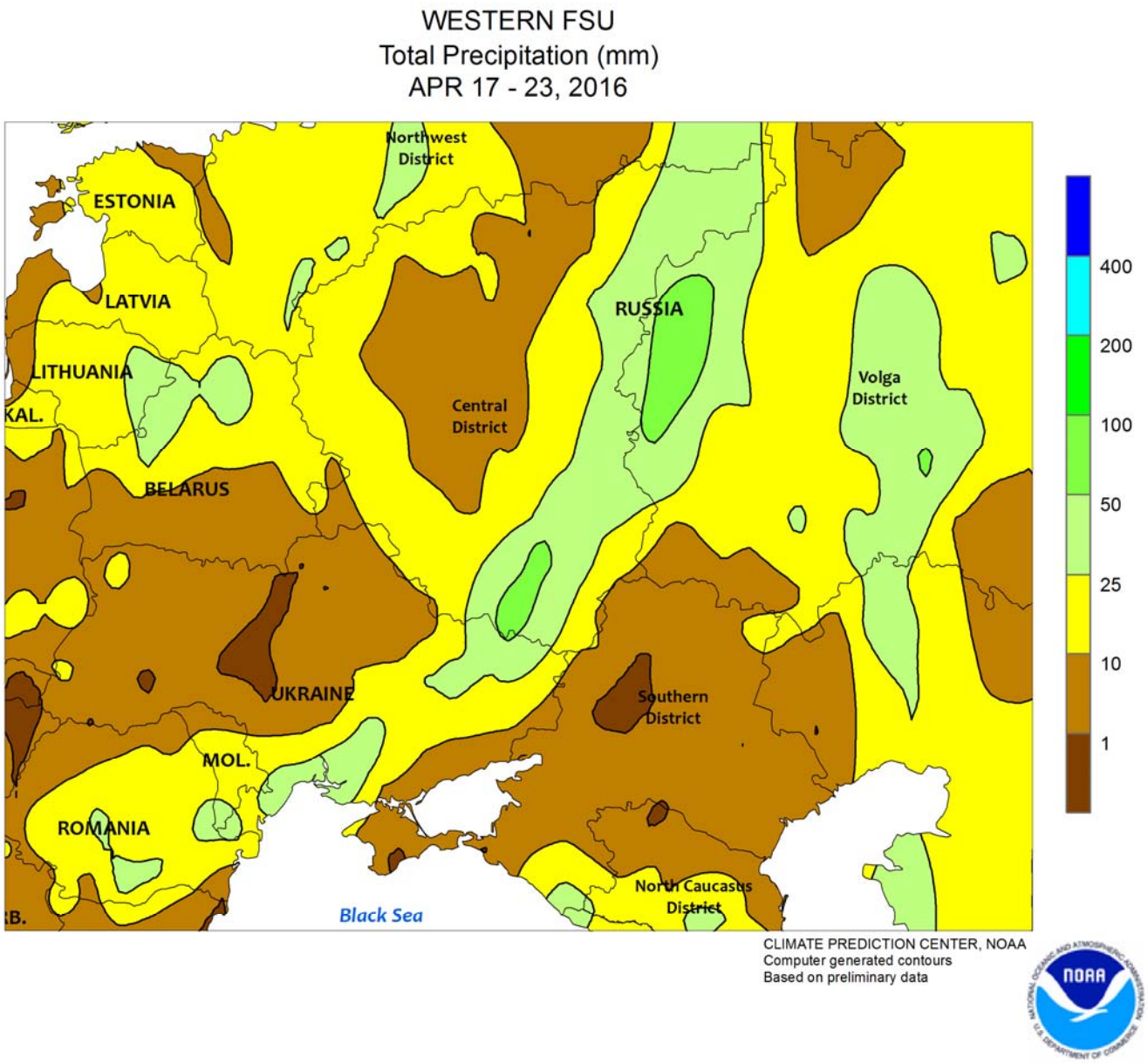
For additional information contact: mbrusberg@oce.usda.gov



EUROPE

Generally dry, cool weather over northern Europe contrasted with warm, showery conditions across southern growing areas. From northern France and the United Kingdom into Poland, sunny skies and near- to slightly below-normal temperatures maintained favorable conditions for vegetative winter wheat and rapeseed. Early-week showers (5-20 mm) benefited winter rapeseed as well as recently-sown spring grains in the Baltic States before dry weather returned. Farther south, dryness intensified from Italy into Hungary, where 30-day rainfall has tallied locally less than 10 percent of normal. Meanwhile, widespread showers (2-20 mm) maintained favorable moisture for winter crops across the lower Danube River Valley. Similarly, moderate to heavy rain (10-60 mm, locally more) over Portugal, Spain, and southern France sustained good to excellent winter crop prospects but slowed corn and sunflower sowing. Temperatures across southern Europe averaged 2 to 5°C above normal, with unseasonable warmth in southeastern Europe (upper 20s to lower 30s, degrees C) accelerating winter wheat toward or into the flowering stage of development several weeks ahead of normal.

For additional information contact: mbrusberg@oce.usda.gov



WESTERN FSU

Widespread showers maintained favorable soil moisture supplies for winter wheat, though fieldwork was able to proceed in western and southern portions of the region. A disturbance tracked northward from the Black Sea region, producing 10 to 50 mm of rain (locally more) from Moldova and southern Ukraine into central and northern Russia. The rainfall maintained adequate to abundant soil moisture for winter grain development and helped improve conditions for Ukraine's winter wheat, which was adversely impacted by autumn drought. However, dry weather prevailed over western Ukraine and Russia's Southern District, enabling a rapid summer crop planting pace and promoting winter wheat development.

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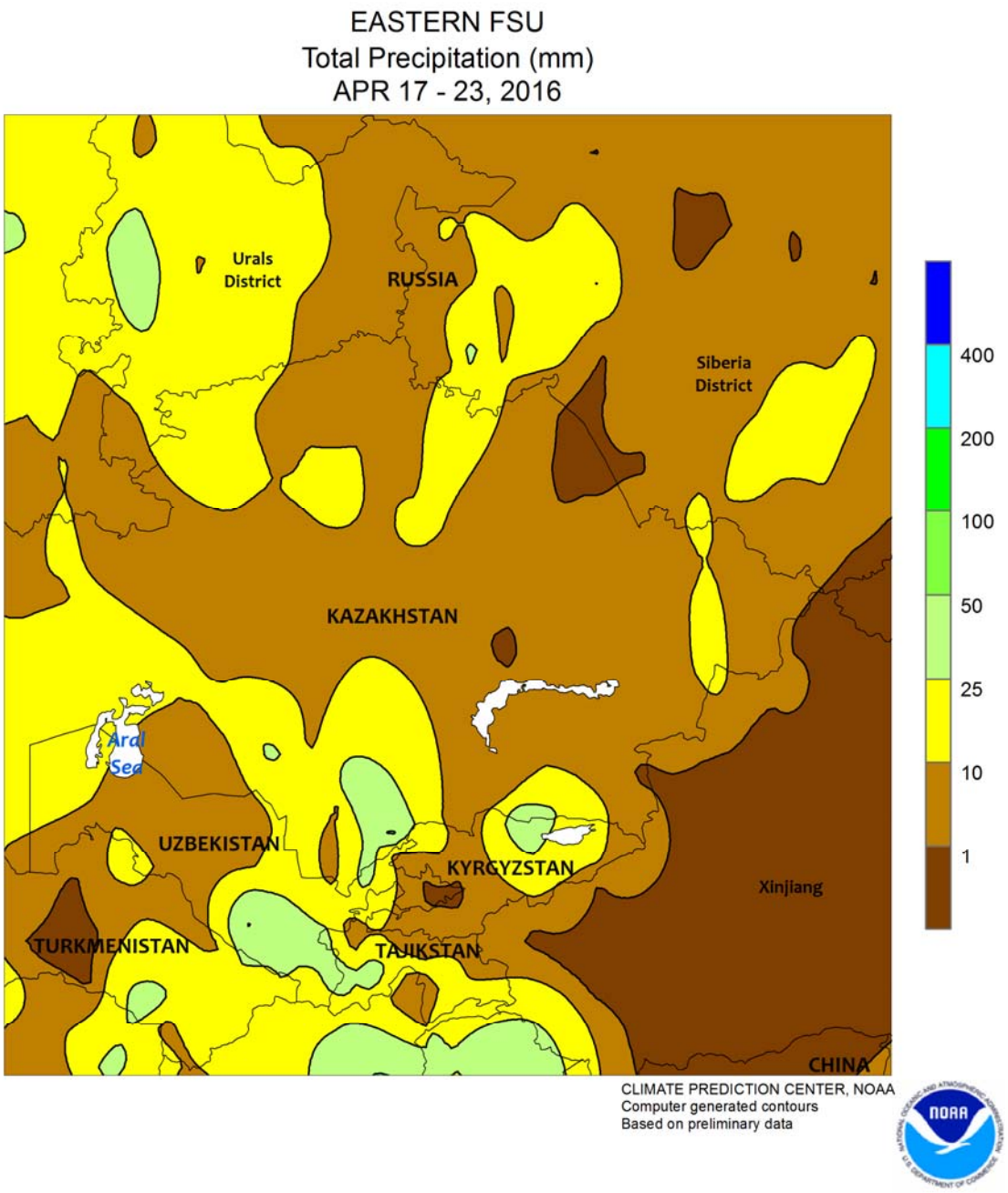

EASTERN FSU

Unusually warm but showery conditions prevailed over much of the region, promoting early crop emergence in the north and advancing winter wheat development in southern growing areas. Temperatures across northern Kazakhstan and neighboring portions of central Russia averaged up to 11°C above normal, with daytime highs approaching 30°C in the Siberia District. The unseasonable warmth engendered early spring wheat emergence and development, though soil moisture remained in good supply following the recent snowpack melt and this week's light to moderate showers (3-20 mm). Farther south, widespread rainfall (10-50 mm, locally more) sustained favorable supplemental moisture for irrigated winter wheat in Uzbekistan; this crop was likely approaching or into the reproductive stages of development.

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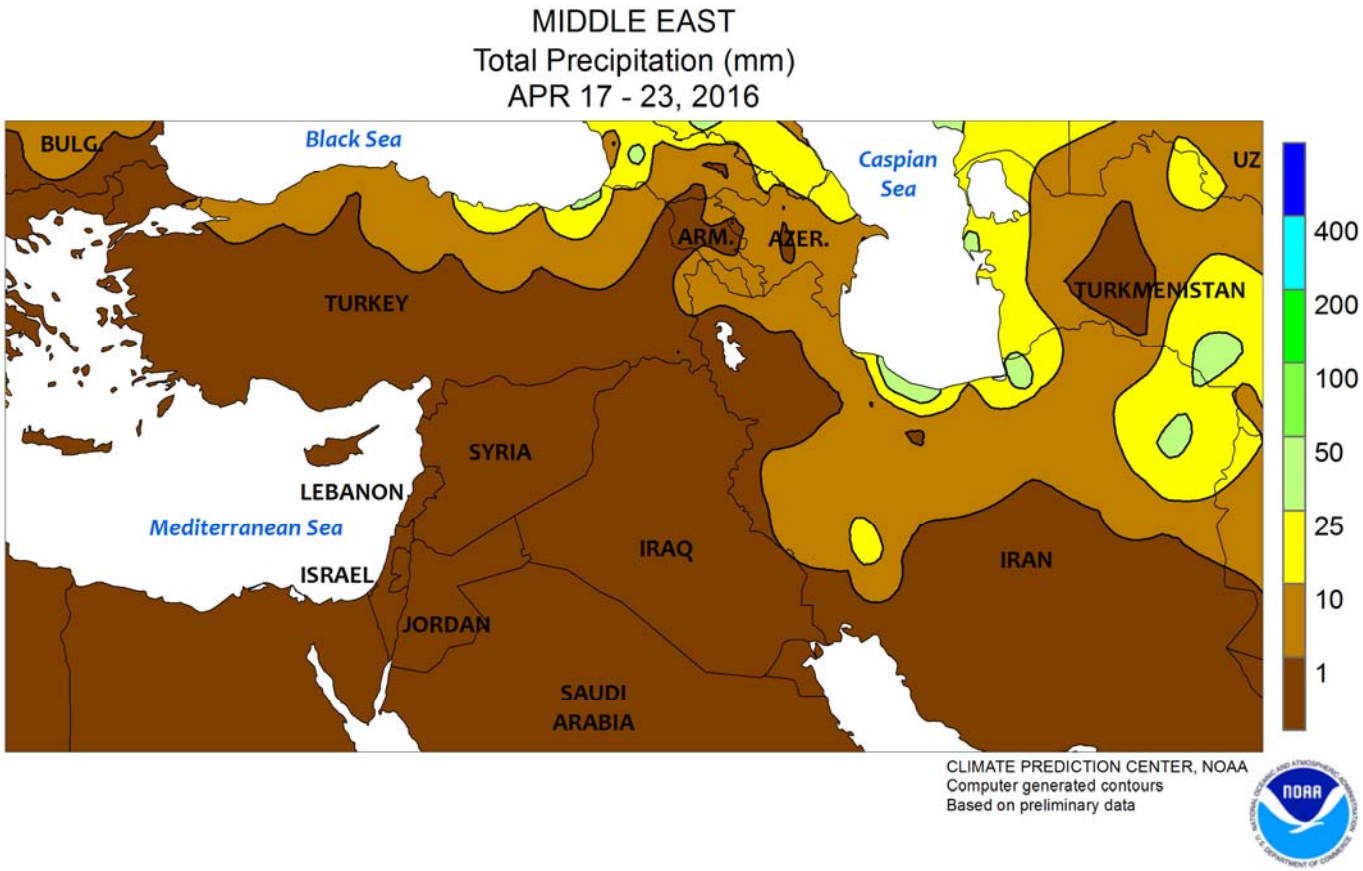

MIDDLE EAST

Warm, sunny weather accelerated winter grain development across much of the region before a late-week freeze impacted parts of central and northern Turkey. Despite the hard freeze at the end of the week, temperatures averaged 2 to 7°C above normal from western Turkey into Iraq. The unseasonable warmth — which began in early February — accelerated winter wheat into the reproductive stages of development on Turkey's Anatolian Plateau up to three weeks ahead of normal. The advanced crop stage coupled with a late-week freeze (as low as -4°C) in central Turkey likely exposed wheat to some burnback or winterkill, particularly in northern and eastern portions of the Anatolian Plateau. The freeze, however, only occurred on one day (April 23), which mitigated the impacts somewhat. From the eastern Mediterranean Coast into southern Iraq, the return of hot weather (31-40°C) accelerated winter wheat maturation and drydown but likely lowered yield expectations in areas where the crop was still reproductive. In Iran, sunny albeit cool weather (1-3°C below normal) maintained favorable prospects for vegetative to reproductive winter grains.

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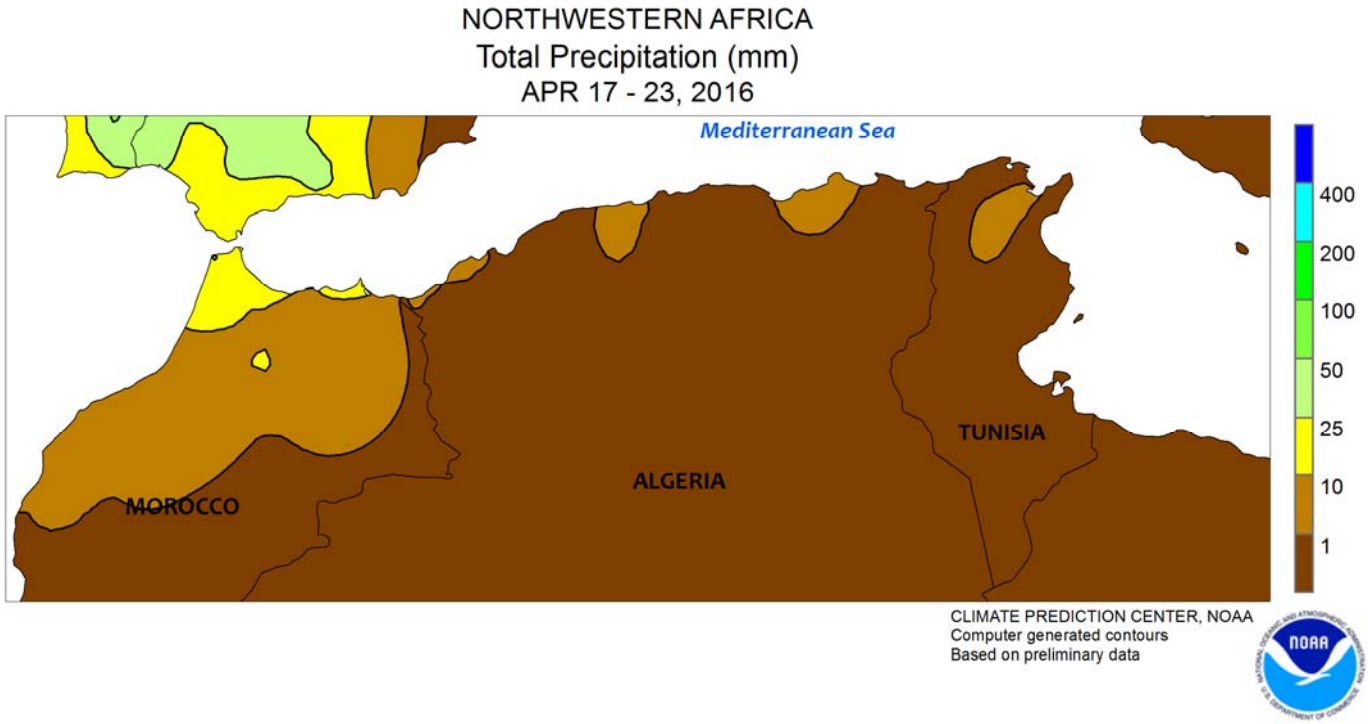

NORTHWESTERN AFRICA

Sunny, warm weather continued over much of the region, though showers were observed in western growing areas. In Morocco, dry, warm weather for much of the week promoted winter wheat maturation and harvesting. However, some light to moderate showers (2-10 mm) interrupted fieldwork in northern and western portions of the country. In Algeria and Tunisia, sunny skies and temperatures up to 5°C above normal accelerated winter grains toward or into the filling stage of development. Winter crop prospects remained good to excellent in central and eastern portions of northern Africa's wheat belt, with timely rain during early April likely enhancing crop yield potential.

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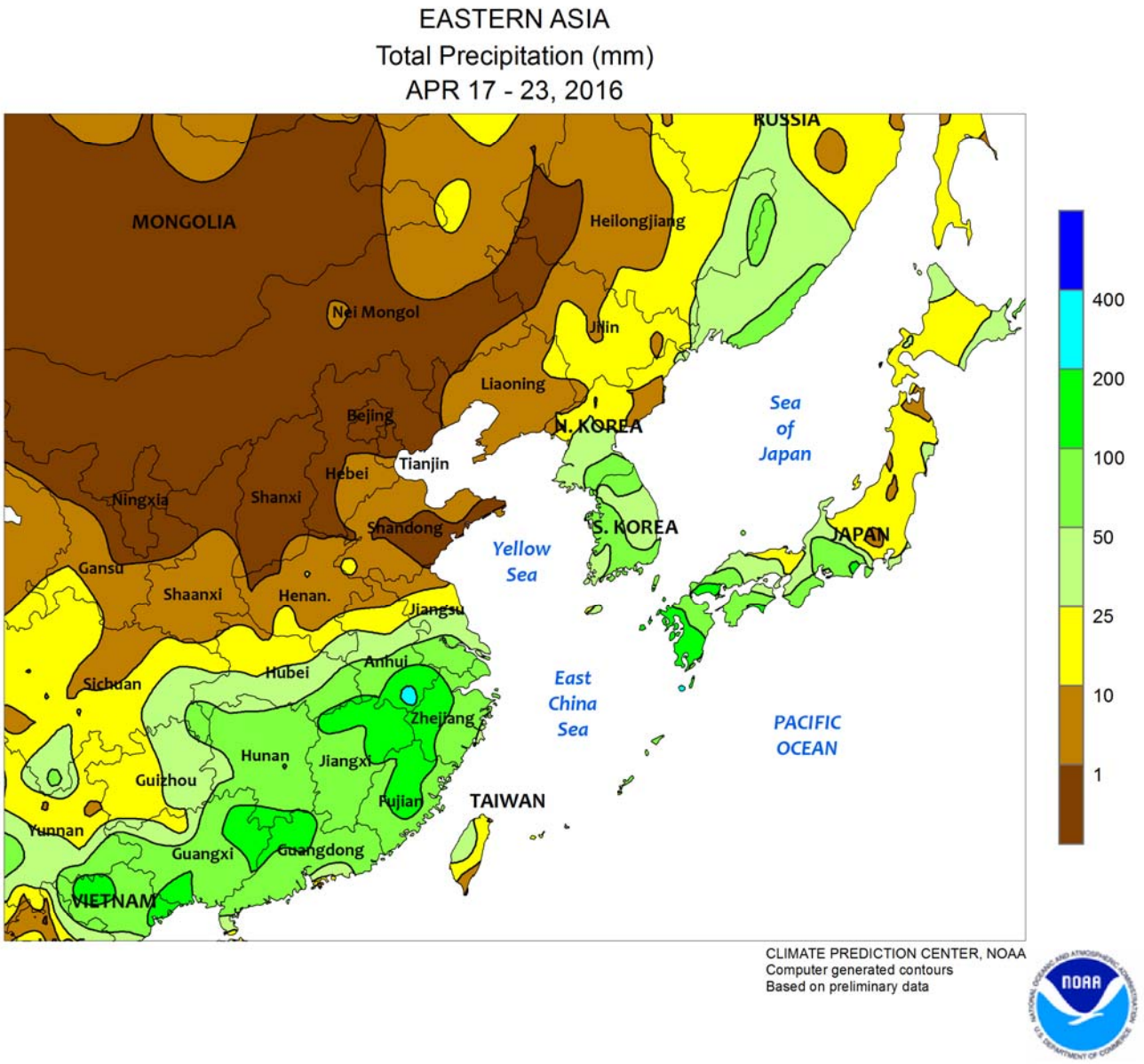

EASTERN ASIA

Showers occurring throughout the week maintained ample soil moisture for rapeseed and spring-sown crops in the Yangtze Valley as well as early-crop rice in southern China. Rainfall amounts averaged 25 mm within the Valley and over 100 mm across the far southern provinces. In contrast, rainfall was light and fleeting on the North China Plain (less than 10 mm reported for the week), enough to only temporarily keep topsoils moistened given maximum temperatures routinely above 25°C (average temperatures were 1-2°C above normal). Even with supplemental irrigation, crop conditions remained fair and well below last year's excellent crop. Elsewhere in the region, light to moderate showers (less than 25 mm) in northeastern China sustained good pre-planting soil moisture. Heavier rainfall totals (25-50 mm or more) maintained abundant soil moisture and water supplies ahead of the cultivation of summer rice on the Korean Peninsula and in Japan.

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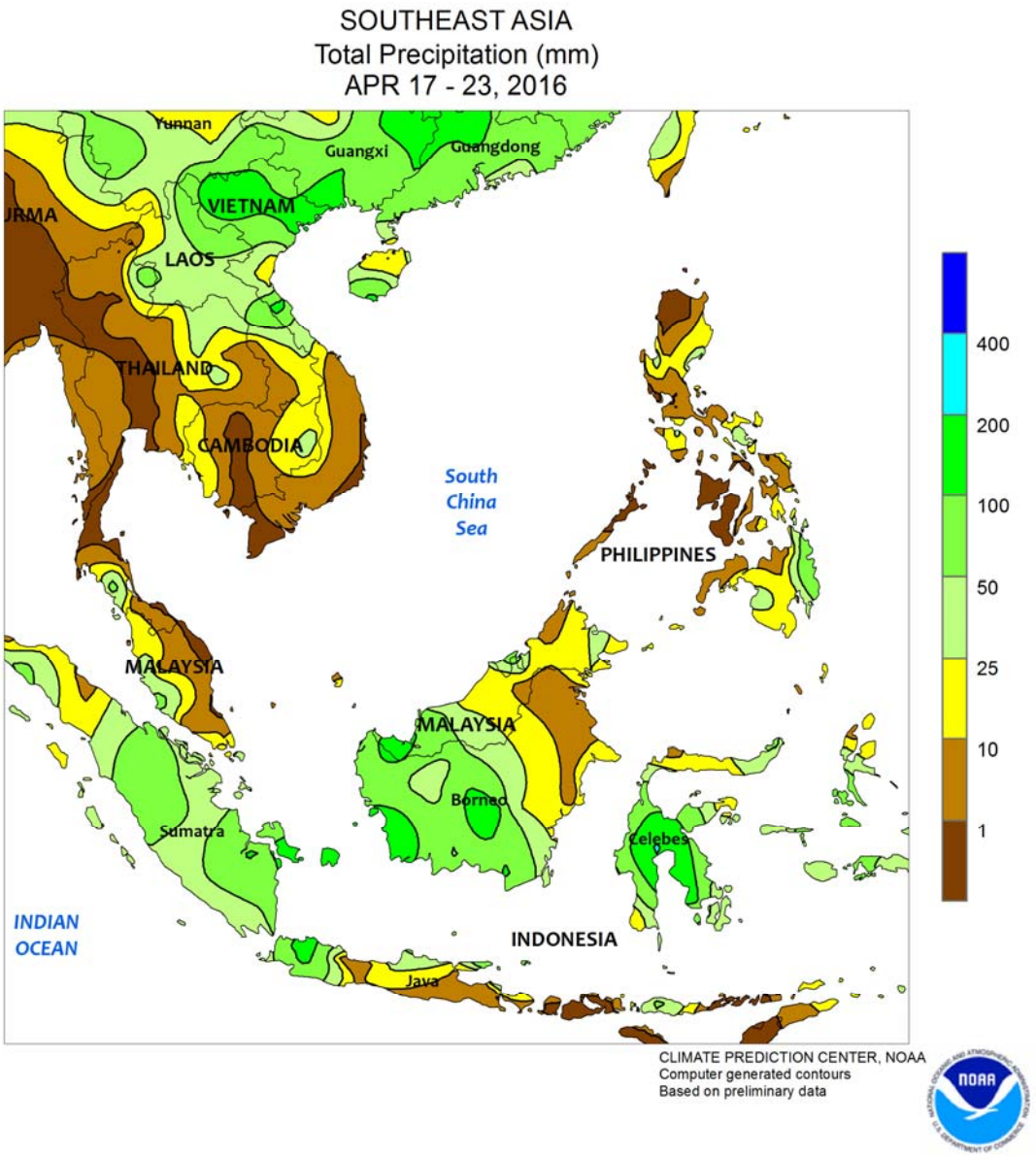

SOUTHEAST ASIA

Drier weather overspread portions of central and eastern Java, Indonesia, aiding rice maturation and harvesting but limiting recharge of water supplies for dry-season rice cultivation; rainfall in these areas was 75 percent of normal for the season. In the west, heavy showers (over 50 mm) returned, slowing rice harvesting but adding to seasonal totals that were near normal. Oil palm in the more northern sections of Indonesia to benefited from consistent rainfall over 50 mm. While showers continued to slowly move into Malaysia, amounts were generally below 25 mm, with little improvement in soil moisture for oil palm. Meanwhile, pre-monsoon rainfall (less than 25 mm) was reported in the Philippines as well as across Thailand and surrounding environs, as fieldwork preparations continued for summer rice.

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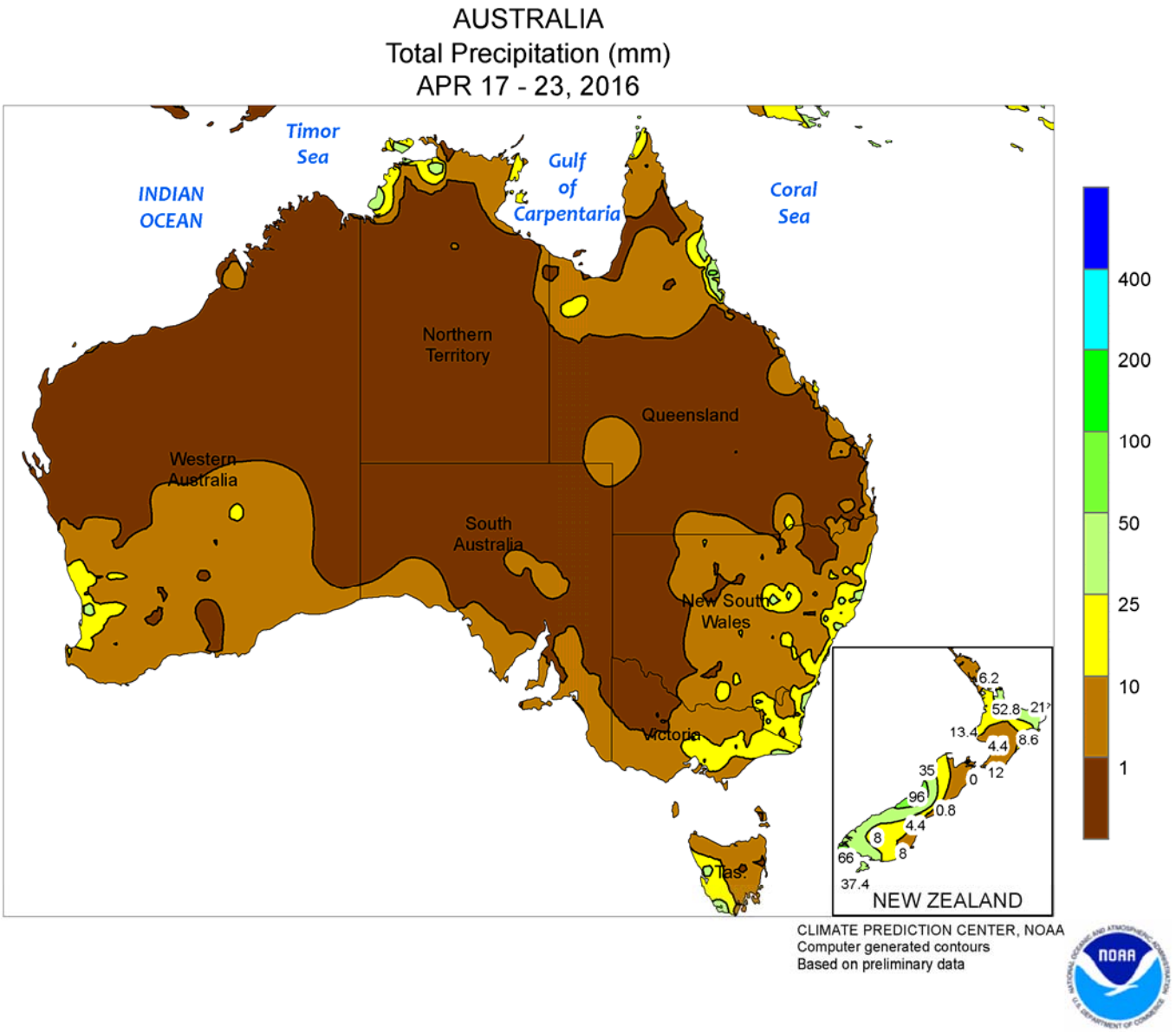

AUSTRALIA

Very warm, mostly dry weather covered southern Queensland and northern New South Wales, favoring cotton and sorghum maturation and harvesting. Additionally, the relatively dry weather aided early winter wheat planting, allowing fieldwork to proceed without delay. Farther south, widely scattered, generally light showers (2-10 mm, locally more) fell throughout the remainder of New South Wales, Victoria, and South Australia, boosting local moisture supplies in advance of winter crop planting. Wheat, barley, and canola are typically planted during May and June in southeastern Australia. Although some planting may have begun, the bulk of the sowing likely will not commence until more widespread, consistent rains arrive, ideally in upcoming weeks. Elsewhere in the wheat belt, scattered showers further increased soil moisture in Western Australia. The rain this week continued a trend of wetter-than-normal weather since mid-March, leading to adequate to abundant moisture supplies at the beginning of the winter crop growing season. Because of the recent beneficial rains, winter grain and oilseed planting has reportedly begun in Western Australia. Temperatures averaged 0 to 2°C above normal in most parts of the wheat belt, except in eastern Victoria and southern New South Wales, where temperatures averaged 3 to 4°C above normal.

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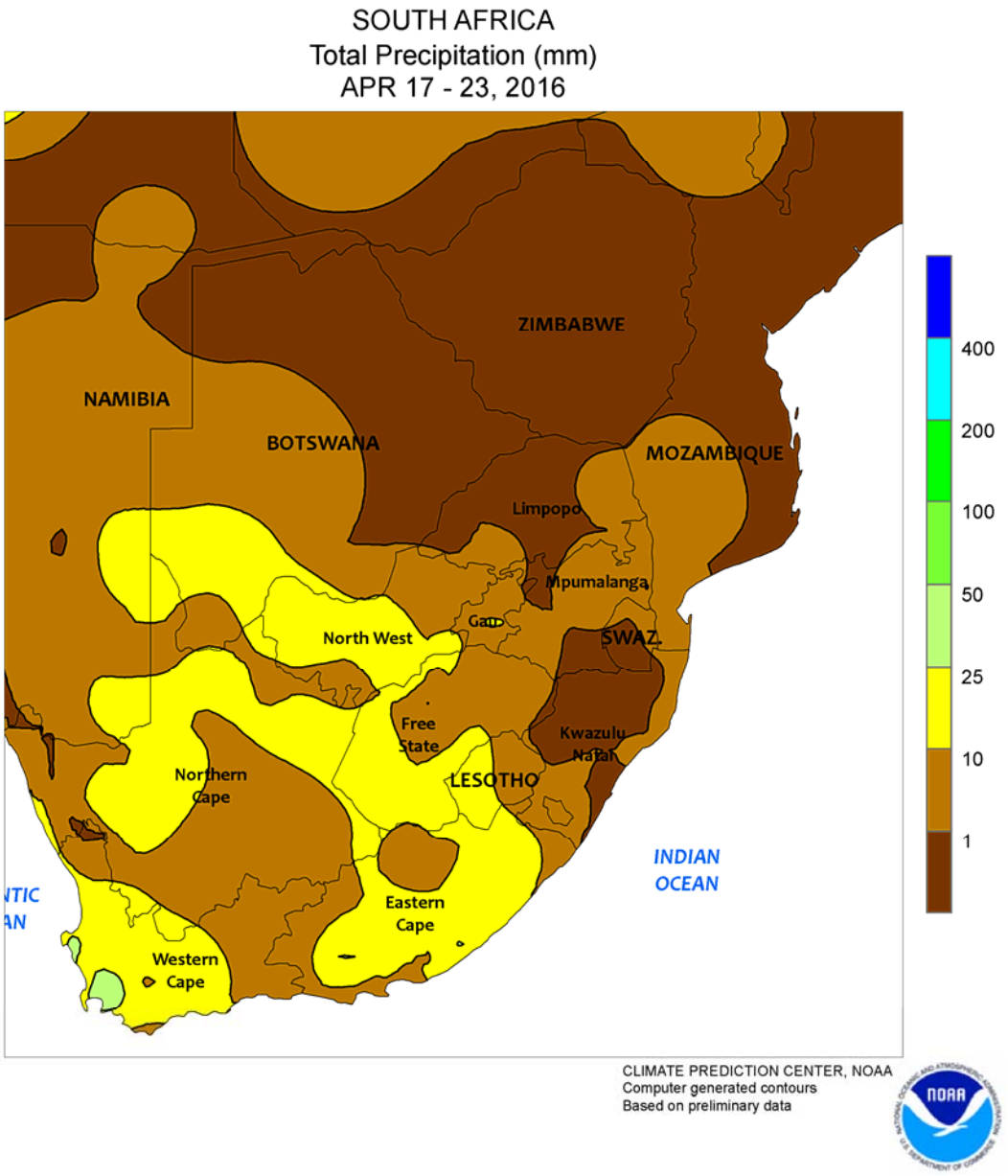

SOUTH AFRICA

Mostly dry, unseasonably warm weather dominated the main eastern production areas, speeding maturation of corn and other rain-fed summer crops. Moderate rain (greater than 10 mm) fell in central sections of North West and isolated locations in Gauteng and Free State; otherwise, little to no rain fell in the corn belt or in sugarcane areas of KwaZulu-Natal and eastern Mpumalanga. Weekly average temperatures were 3°C or more above normal, with daytime highs reaching the 30s (degrees C) in northern sections of the corn belt (North West to northern Mpumalanga) and in the sugarcane areas. Nighttime lows stayed well above freezing. Meanwhile, scattered showers (greater than 10 mm) lingered over eastern sections of the Cape Provinces. Rain (10-25 mm, locally higher) provided timely moisture for the upcoming winter wheat crop in Western Cape.

This is the final weekly summary of the season; coverage will resume in October 2016 upon commencement of summer crop planting.

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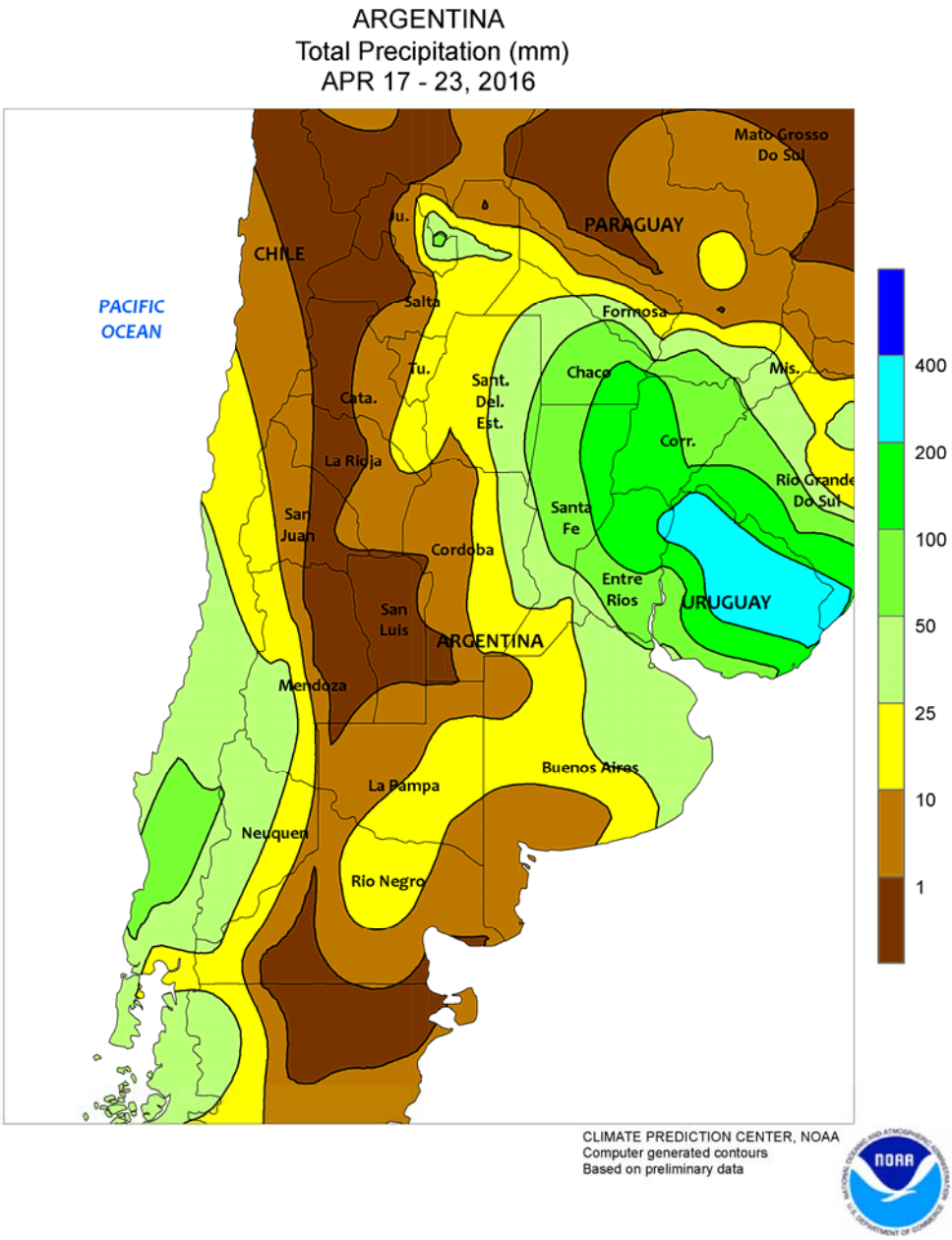

ARGENTINA

Heavy rain lingered over central sections of the Parana River Valley, sustaining flooding of low-lying farmland. The heaviest rain (greater than 100 mm) was again concentrated over the area comprising northern Entre Rios, southern Corrientes, and northeastern Santa Fe; this week, however, the rain extended northwestward into Chaco — possibly damaging open boll cotton — and very heavy rain (greater than 200 mm) fell over Uruguay. Other locations in Entre Rios, Santa Fe, and Chaco recorded more than 50 mm, contributing to local problems with excessive wetness. Agricultural areas in the south (La Pampa and Buenos Aires) and the west (Cordoba to Salta) reported lighter amounts (5-25 mm, locally higher, allowing some fieldwork to progress. Weekly average temperatures were near to slightly below normal in central and northwestern farming areas, with nighttime lows falling below freezing in traditionally cooler locations of Buenos Aires. Weekly temperatures averaged up to 3°C above normal in the northeast, where daytime highs continued to exceed 30°C. According to Argentina's Ministry of Agriculture, corn and soybean harvesting was 16 and 15 percent complete, respectively, as of April 21. In 2015, corn was 26 percent harvested and soybeans 44 percent. This year's lack of progress and reported acreage losses are attributable to the heavy rain that has fallen recently.

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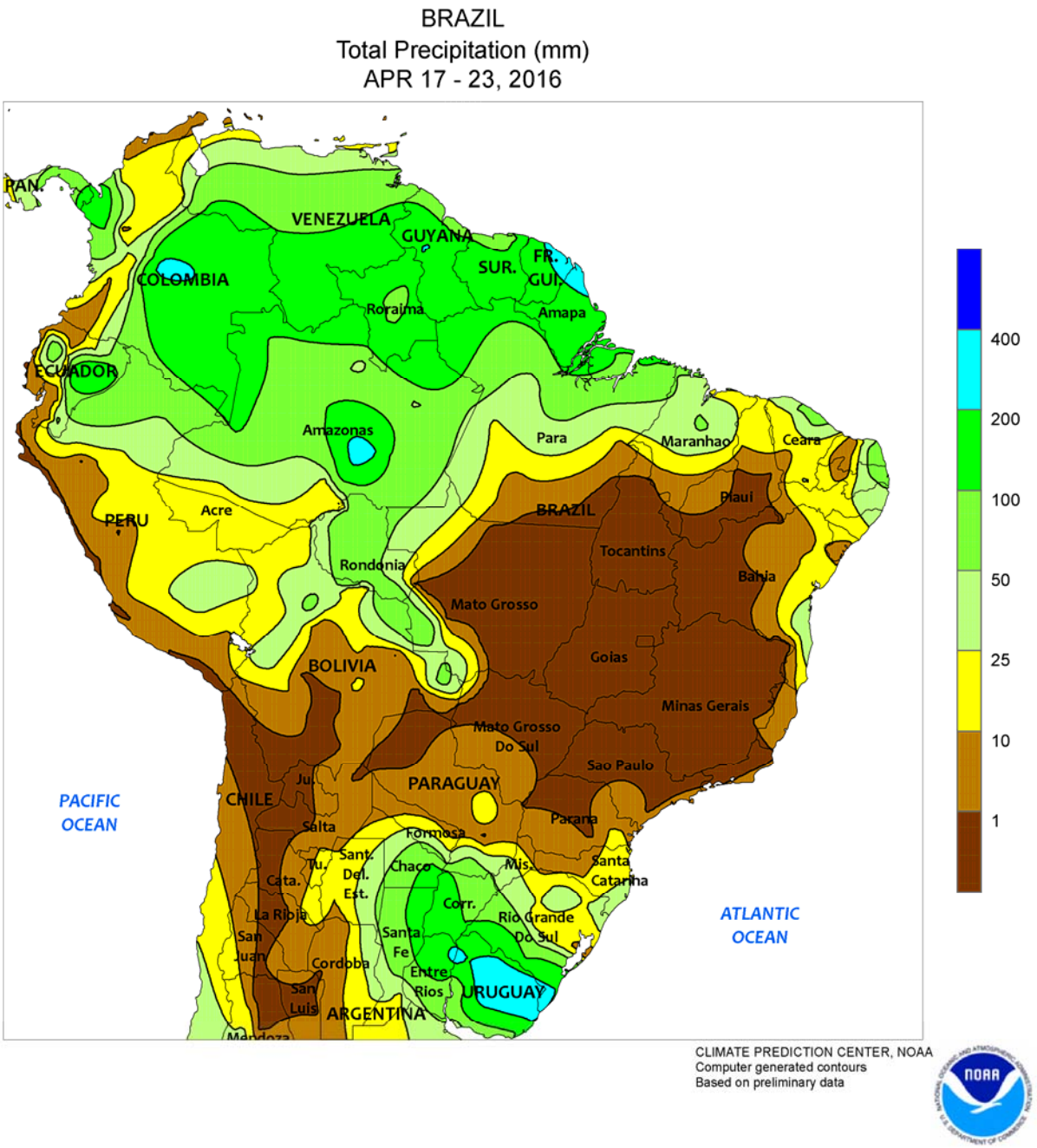

BRAZIL

Dry weather dominated a large section of central Brazil, reducing moisture for second-crop corn and cotton. Little to no rain fell from central Mato Grosso to Parana, eastward through Minas Gerais, western Bahia, and Piaui. Weekly temperatures averaged 3°C or more above normal over much of the dry area, with daytime highs exceeding 35°C in the traditionally warmer locations of Mato Grosso, Tocantins, and other parts of the northeastern interior. The warm weather maintained high moisture demands of second-crop corn and cotton, while raising concerns that the rainy season will be ending soon. Parana and southern Mato Grosso do Sul are in a southern climate zone that typically receives rain year round, making the current spell of dryness particularly unusual. According to the government of Parana, the second corn crop was more than 60 percent flowering to filling on April 11, making the heat and dryness untimely as well, though 93 percent of the crop was rated in good condition. Elsewhere, the seasonal dryness in the southeast (Sao Paulo and southern Minas Gerais) fostered harvesting of sugarcane and promoted development of citrus, coffee, and other crops that could benefit from the warm, sunny weather. Meanwhile, rain (10-50 mm) continued in Rio Grande do Sul — a minor producer of second-crop corn — and along the northeastern coast.

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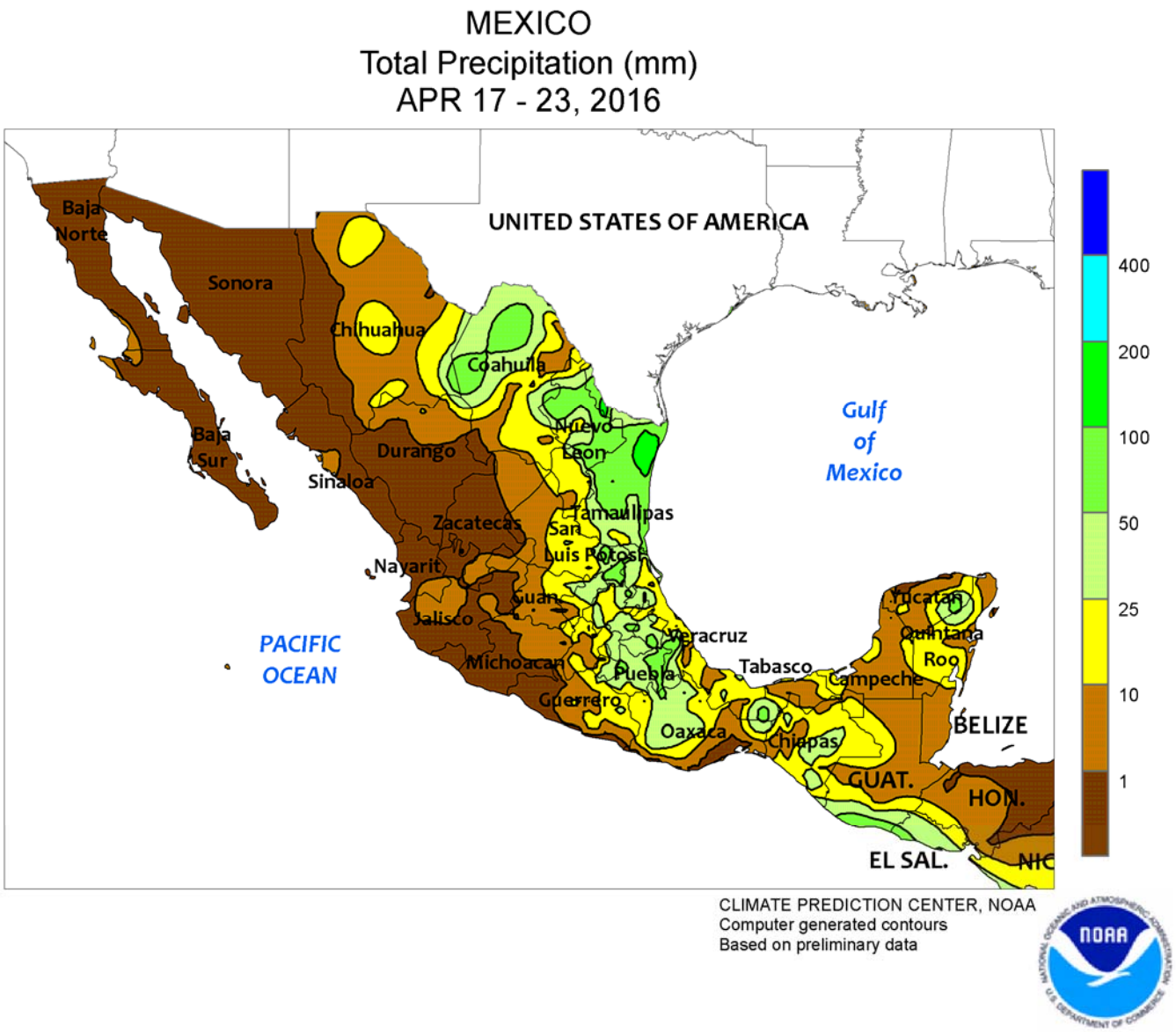

MEXICO

Seasonal rain provided timely moisture for planting corn in key summer production areas. Rainfall totaled 10 to 50 mm — locally higher — from northern Oaxaca to Tamaulipas and Nuevo Leon, including Puebla and parts of other producing states on the southern plateau. In addition to spurring planting of rain-fed summer crops, the rain benefited sugarcane in and around Veracruz as well as late-developing, predominantly rain-fed winter sorghum in the northeast. Drier conditions prevailed in the southeast, though showers (10 to locally more than 25 mm) developed over coffee areas of Chiapas. Warm, generally dry weather dominated the west, fostering maturation and drydown of winter wheat and corn in the main production areas from Baja Norte and Sonora southward through Sinaloa. Farther south, the seasonal dryness is preventing early preparations for corn planting on western sections of the southern plateau.

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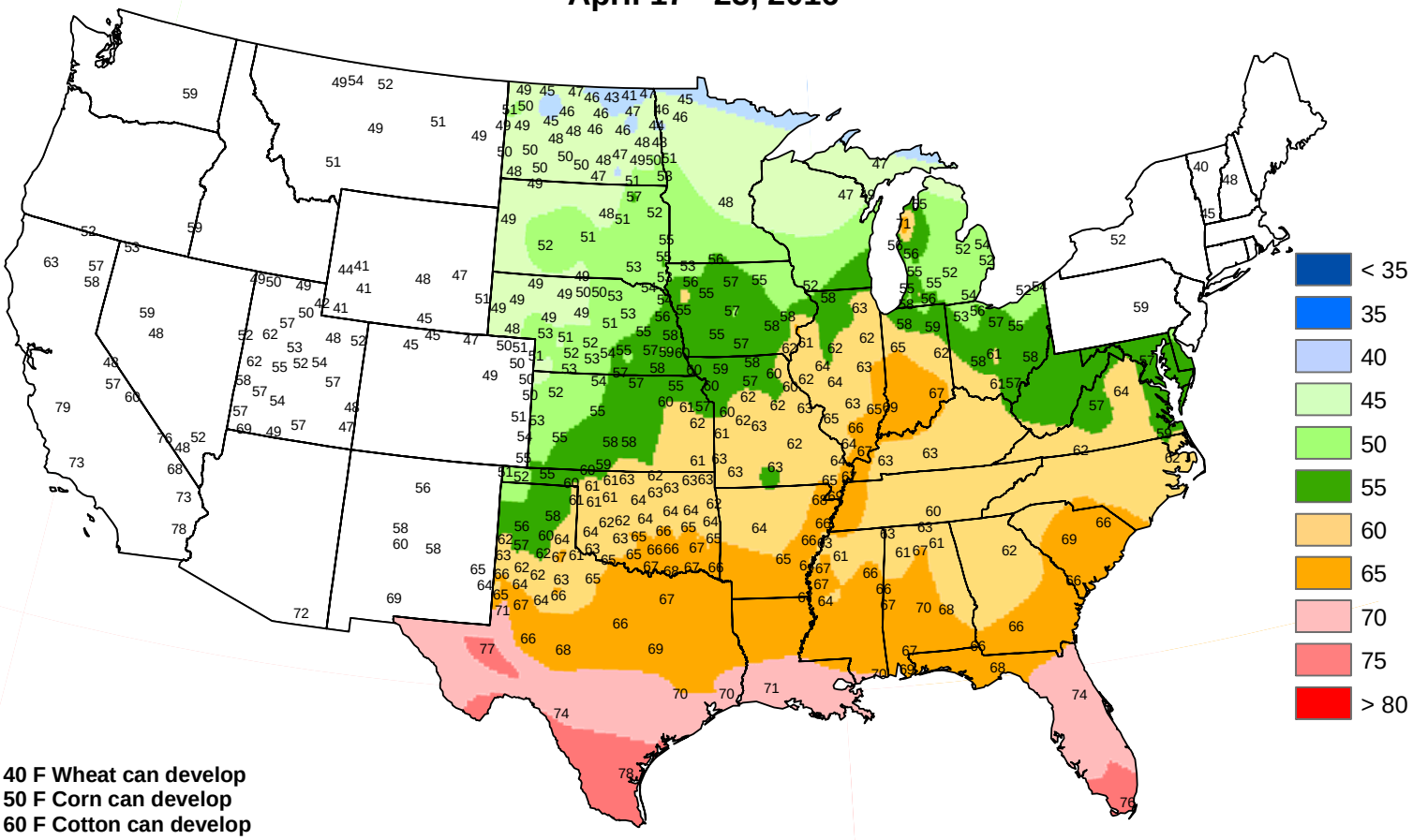
Average Soil Temperature (Deg. F, 4" Bare)

April 17 - 23, 2016



40 F Wheat can develop
50 F Corn can develop
60 F Cotton can develop

Based on preliminary data.

Supplemental data provided by Alabama A&M University, Bureau of Reclamation - Pacific Northwest Region AgriMet Program, High Plains Regional Climate Center, Illinois State Water Survey, Iowa State University, Louisiana Agriclimatic Information System, Mississippi State Univeristy, Oklahoma Mesonet, Purdue University, University of Missouri and USDA/NRCS Soil Climate Analysis Network.

United States Department of Agriculture

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