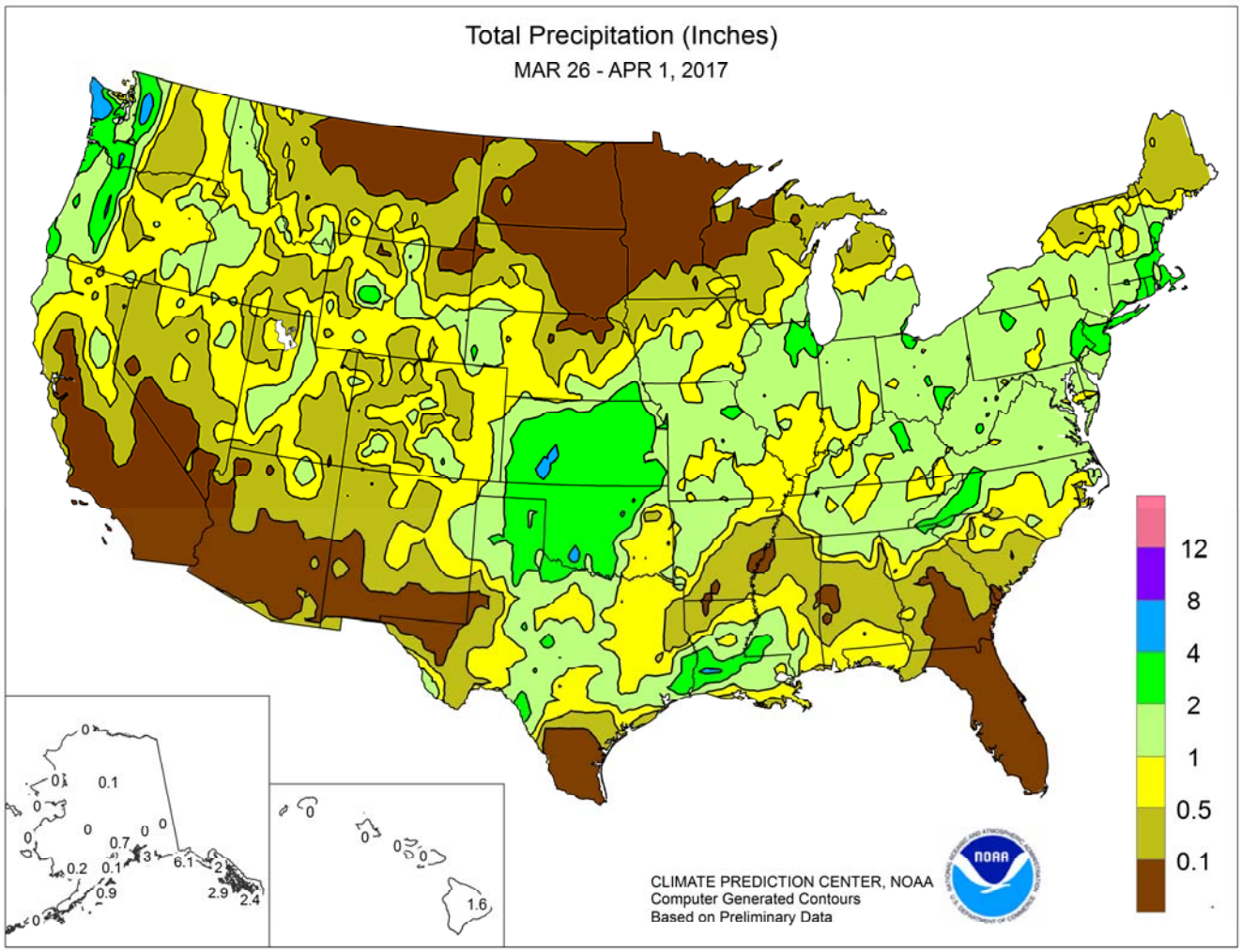
Volume 104, No. 14 http://www.usda.gov/oce/weather April 4, 2017

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

March 26 – April 1, 2017

Highlights provided by USDA/WAOB

Three discrete storms crossed the nation, contributing to widespread cloudiness and precipitation. Some of the heaviest rain fell across previously dry sections of the **central and southern Plains**, easing the wildfire threat and benefiting rangeland, pastures, and winter wheat. Several rounds of rain also affected the **central and eastern Corn Belt**, halting fieldwork but helping to boost soil moisture in preparation for spring planting. However, each of the weather systems also sparked severe thunderstorms, featuring local wind and hail damage and

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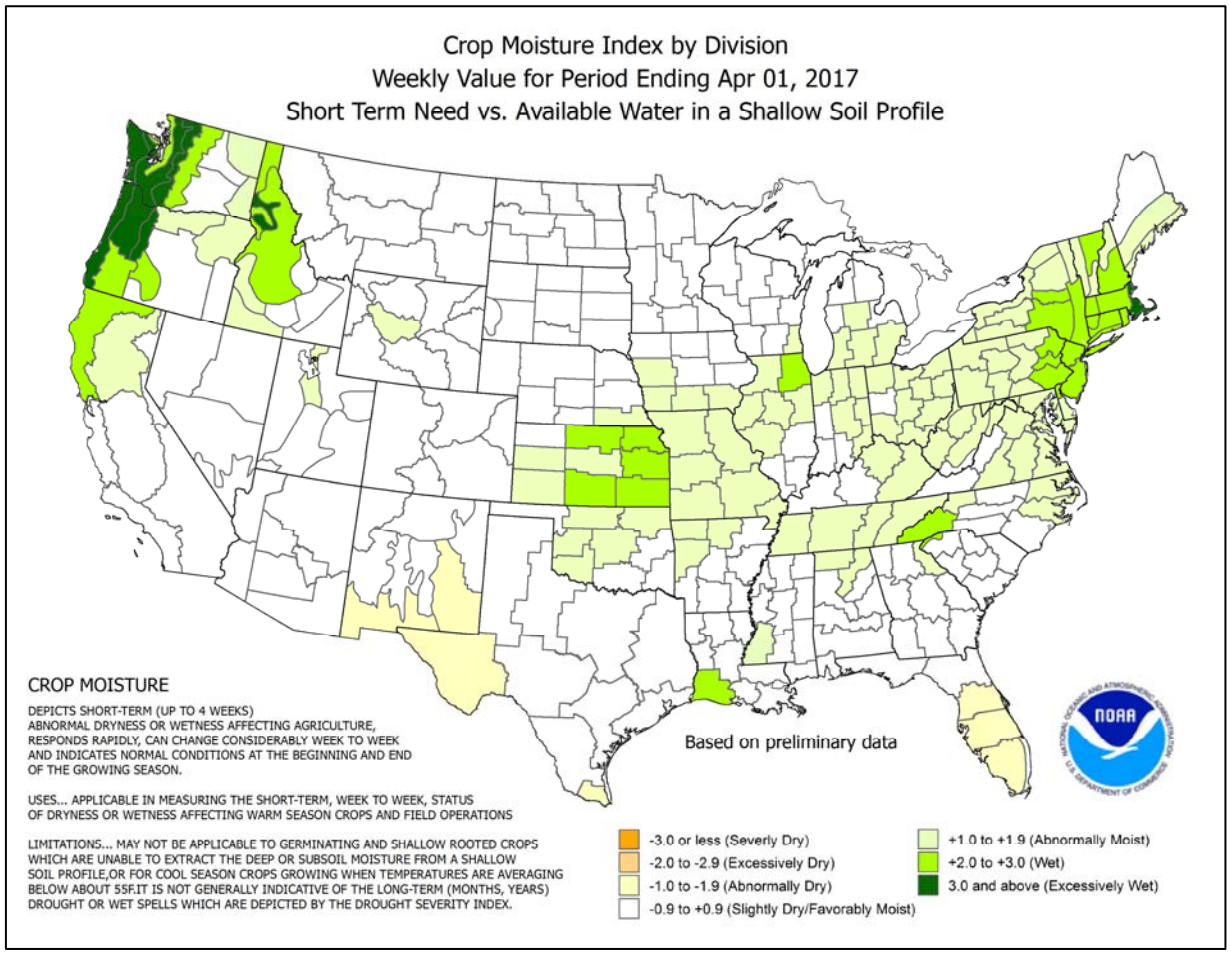
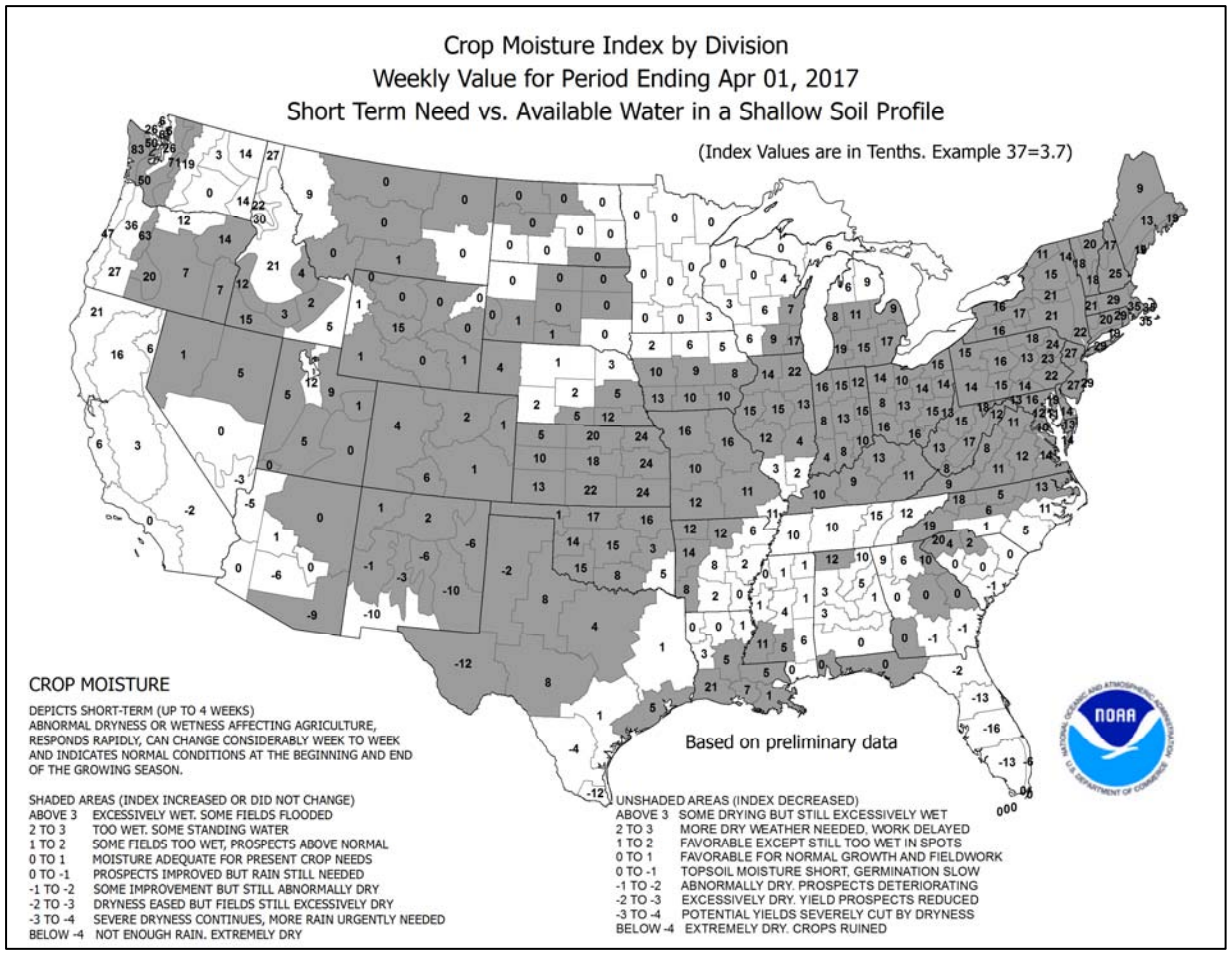
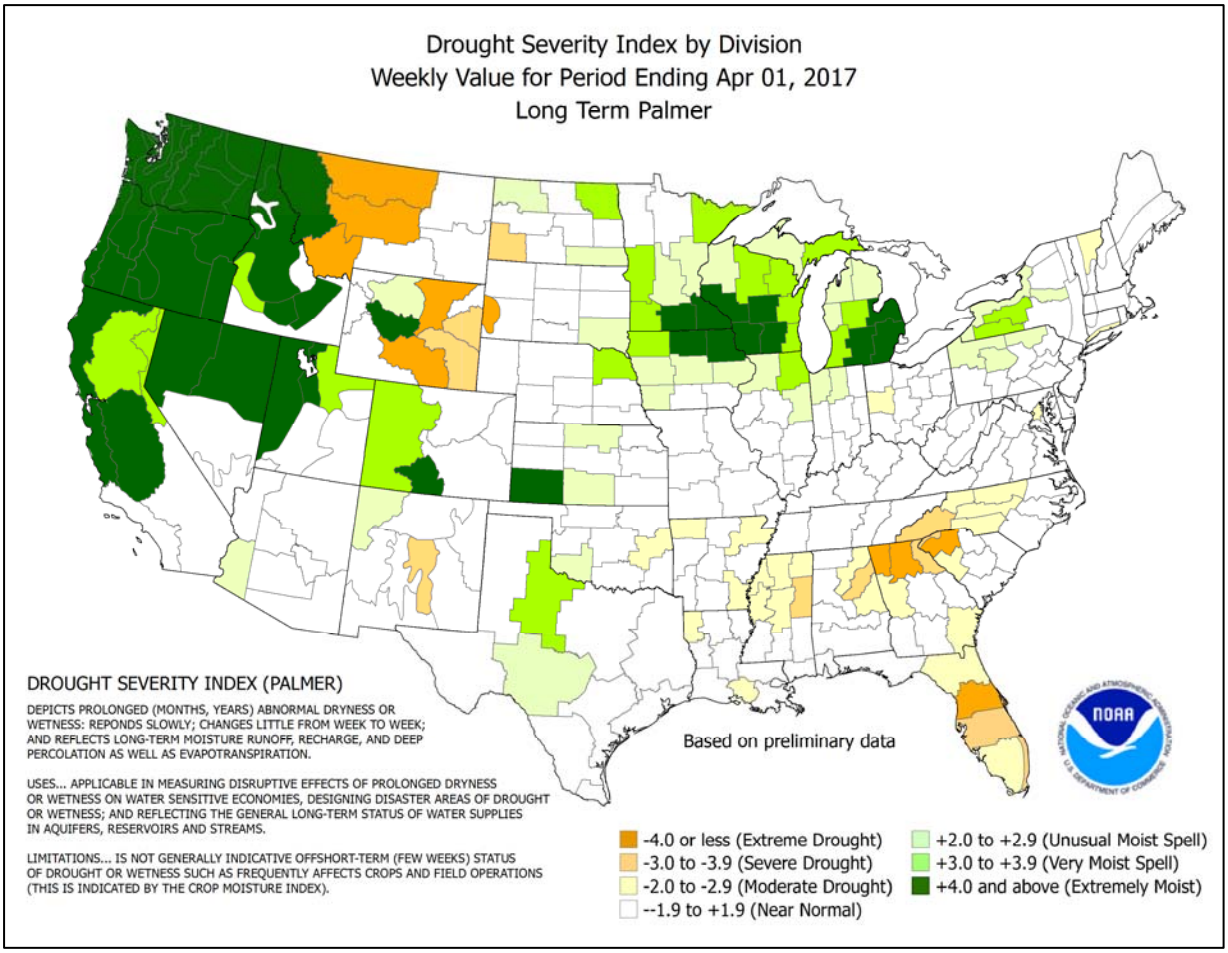
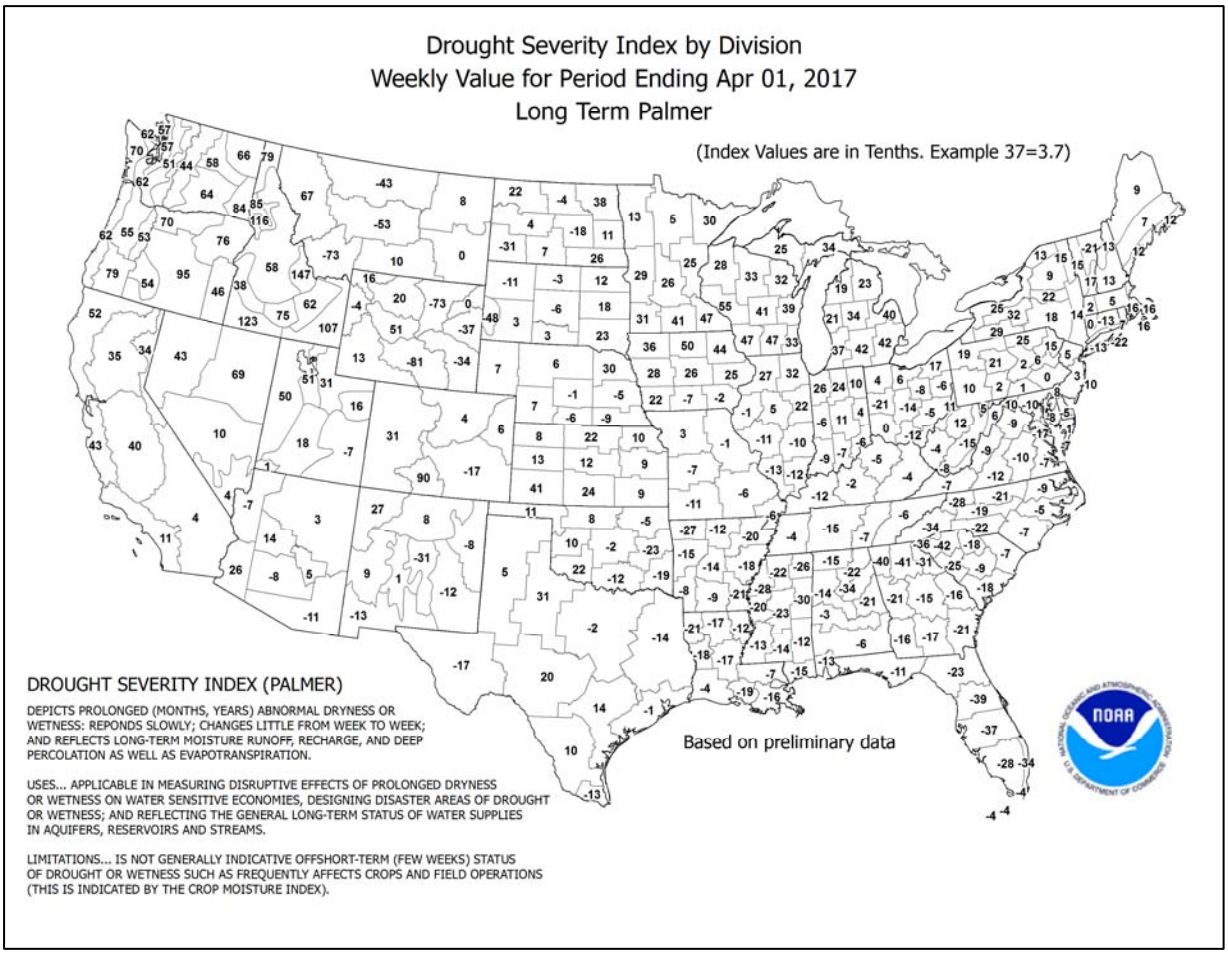

Crop Moisture Index by Division
Weekly Value for Period Ending Apr 01, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES 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 01, 2017
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


Drought Severity Index by Division
Weekly Value for Period Ending Apr 01, 2017
Long Term Palmer
DROUGHT SEVERITY INDEX (PALMER)
DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS: REPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION AS WELL AS EVAPOTRANSPIRATION.
USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS AND STREAMS.
LIMITATIONS... IS NOT GENERALLY INDICATIVE OFFSHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
Based on preliminary data
NOAA
-4.0 or less (Extreme Drought)
-3.0 to -3.9 (Severe Drought)
-2.0 to -2.9 (Moderate Drought)
--1.9 to +1.9 (Near Normal)
+2.0 to +2.9 (Unusual Moist Spell)
+3.0 to +3.9 (Very Moist Spell)
+4.0 and above (Extremely Moist)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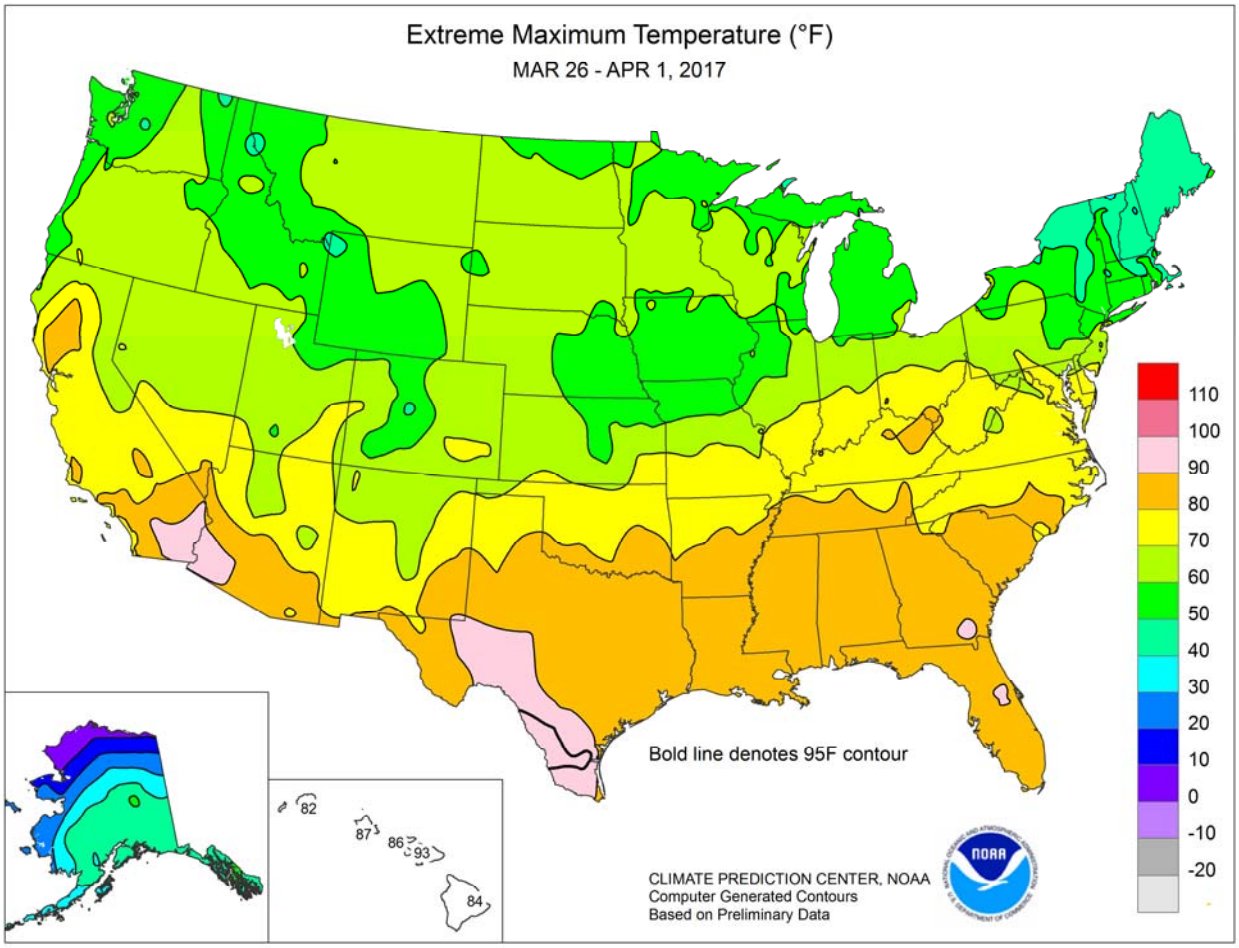
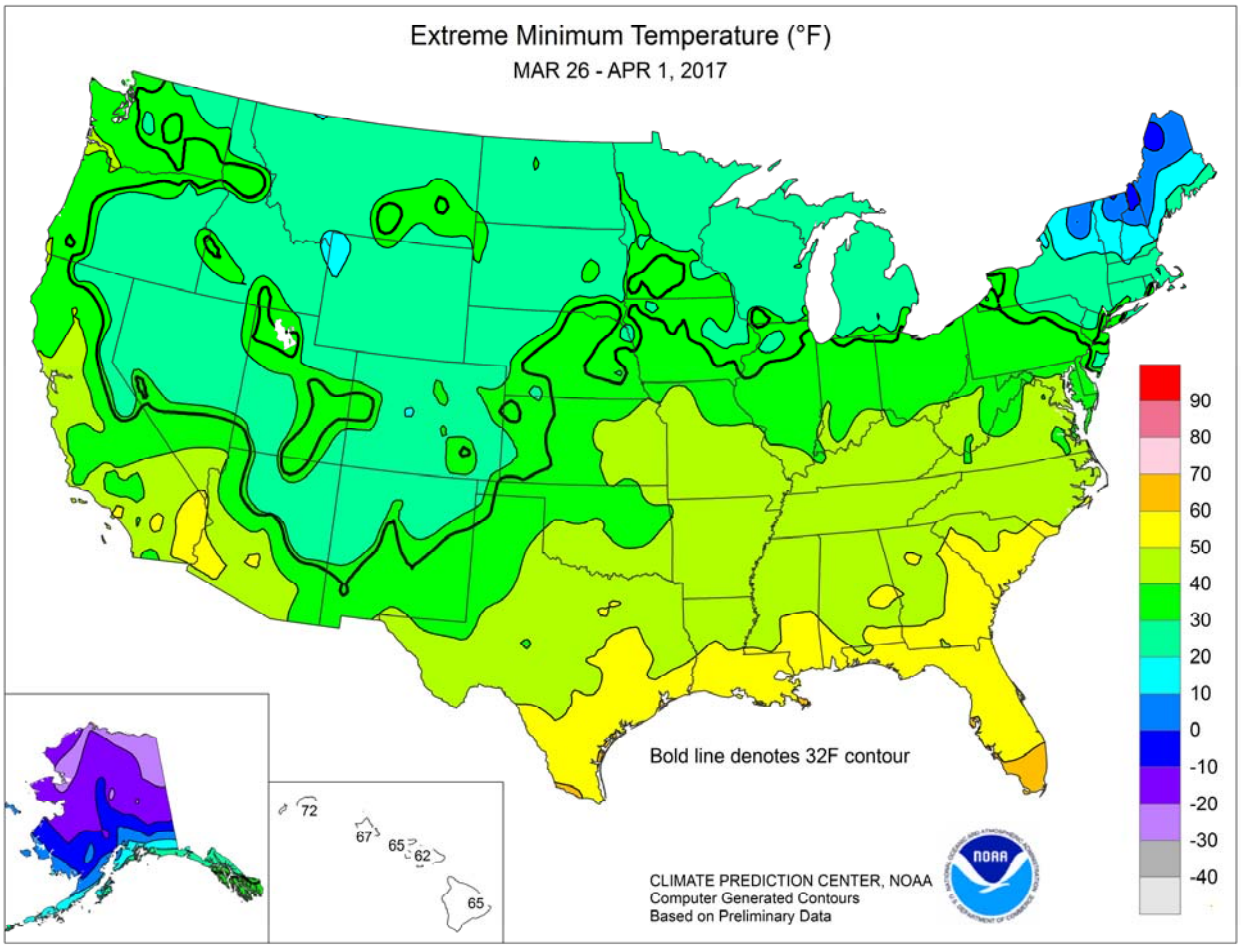
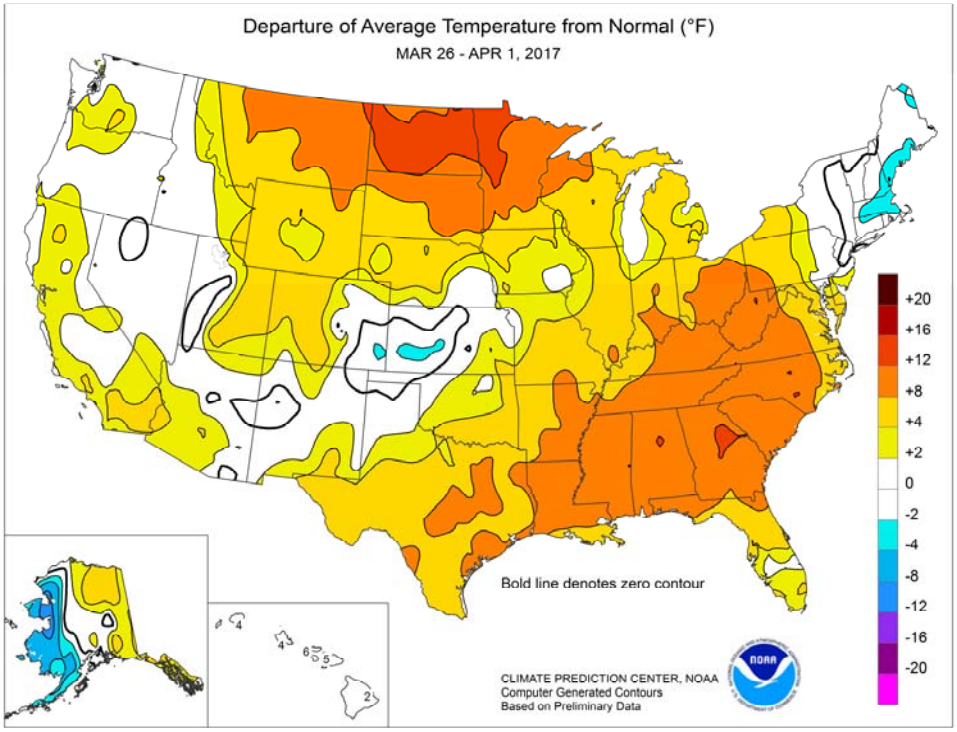

Extreme Maximum Temperature (°F)
MAR 26 - APR 1, 2017
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
82
87
86
93
84
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
MAR 26 - APR 1, 2017
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
72
67
65
62
65
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

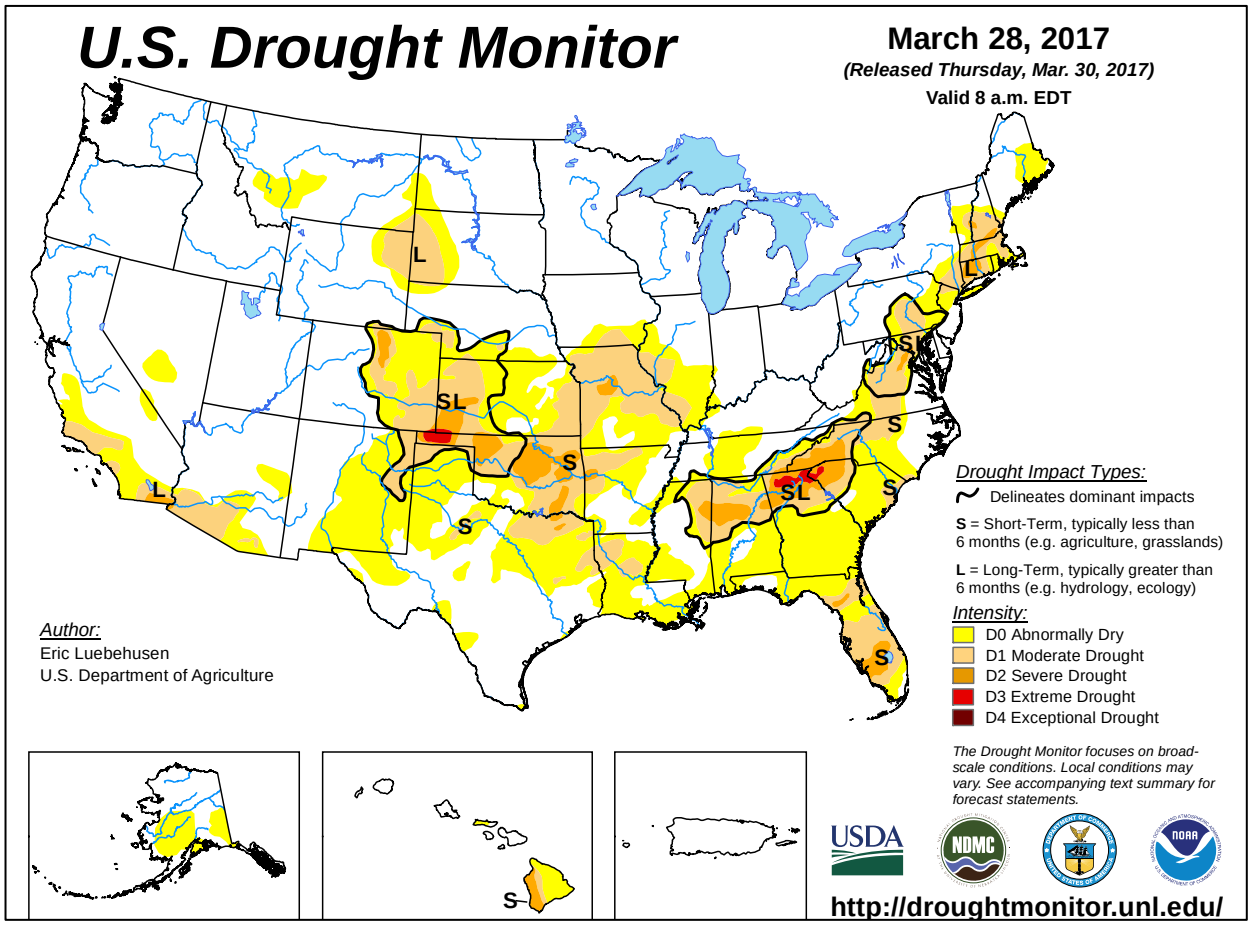
isolated tornadoes, primarily from the **central and southern Plains into the mid-South and lower Midwest**. Unsettled weather also dominated the **western U.S.**, leading to river rises and local flooding in the **Northwest** and late-season snow accumulations at higher elevations of the **Rockies** and **Intermountain West**. Despite the clouds and precipitation, generally mild U.S. weather prevailed. Nevertheless, temperatures fell from the previous week's record-setting levels in the **south-central and southwestern U.S.** Cold weather lingered in the **Northeast**, while periods of unusual warmth covered the **South**. Temperatures ranged from sub-zero values in parts of **northern New England** to some readings above 90°F in the **Desert Southwest**. Elsewhere, showery weather largely bypassed a few regions, including **Florida's peninsula,** portions of the **north-central U.S.**, and areas across the **nation's southern tier from southern California to the lower Rio Grande Valley**.

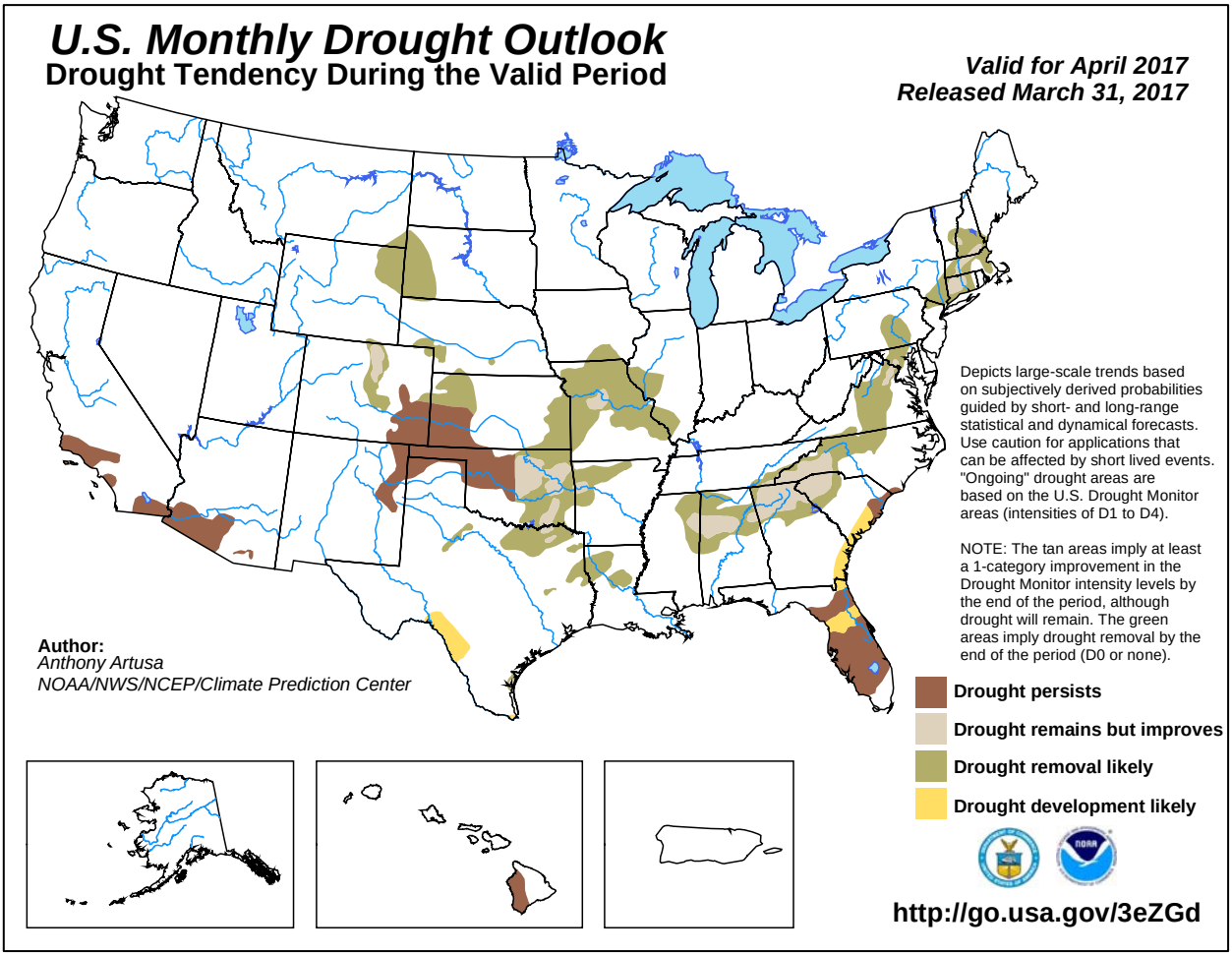


With temperatures for the most part staying in a narrow range, any daily-record highs were confined to the **South**. **Galveston, TX**, posted a daily-record high (80°F) on March 26—and also set a monthly record 2 days later with a minimum temperature of 74°F. Previously, **Galveston** had recorded a low of 73°F in March on several occasions, most recently on March 31, 2012. Meanwhile, **Southeastern** daily-record highs reached 88°F in **Charleston, SC**, on March 28; **Macon, GA**, on March 29; and **Alma, GA**, on March 30. **Southern** warmth lingered through April 1, when daily-record highs included 86°F in **Mobile, AL**, and 81°F in **Galveston**.

Periods of high winds accompanied the active weather pattern. In **southern California**, wind gusts late on March 27 were clocked to 91 mph on **Whitaker Peak** and 63 mph in **Sandberg**. Later, **Sandberg** topped that reading with a 71 mph gust on March 31. On March 29, pre-dawn thunderstorms in **eastern Texas** resulted in wind gusts to 62 mph in **Denton** and 56 mph in **Grand Prairie**. The storm responsible for those winds also produced heavy rain on the **central and southern Plains**. On March 28, daily-record rainfall totals reached 1.89 inches in **Wichita, KS**, and 1.44 inches in **Borger, TX**. The following day, record-setting amounts for March 29 included 4.71 inches in **Beaumont-Port Arthur, TX**; 2.04 inches in **Topeka, KS**; and 1.47 inches in **Des Moines, IA**. Heavy showers persisted in the **Midwest** through March 30, when daily-record rainfall totaled 1.75 inches in **Lincoln, IL**; 1.27 inches in **South Bend, IN**; and 1.14 inches in **Muskegon, MI**. On the last day of March, heavy rain swept across the **Mid-Atlantic and Northeastern States**, while significant precipitation returned to the **West**. On the last day of March, **Eastern** daily-record totals were set in locations such as 2.10 inches at **New York's LaGuardia Airport**; 1.75 inches in **Wilmington, DE**; 1.46 inches in **Atlantic City, NJ**; and 1.43 inches in **Allentown, PA**. Farther west, **Lander, WY**, received a phenomenal 3.15 inches of precipitation, including 5.7 inches of snow, on March 30-31. **Lander** set multiple records, including March precipitation (4.65 inches; previously, 3.56 inches in 1906) and wettest March day (2.71 inches on March 31; previously, 1.80 inches on March 18, 1903). By April 1, heavy showers returned to parts of the **Plains**, while late-season snow blanketed portions of the **Northeast**. **Dodge City, KS**, tallied a daily-record rainfall (2.51 inches) for April 1, while **Concord, NH**, measured a daily-record snowfall (6.9 inches).

Markedly milder air overspread **Alaska**. **Fairbanks** topped the freezing mark for the first time in March on the 31st when the high temperature reached 48°F. **McGrath** achieved the same feat with a high of 41°F on March 31. Meanwhile, showery weather prevailed in **southeastern Alaska**, where weekly rainfall totals of 6.02 inches in **Yakatat** and 2.02 inches in **Juneau** were aided by daily-record totals (2.30 and 1.01 inches, respectively) on March 31. Parts of **south-central Alaska** received heavy snow, with **Anchorage** reporting 8.4 inches on March 29. That represented the snowiest March day in **Anchorage** since March 17, 2002, when 22.0 inches fell. Farther south, **Hawaii** experienced warm, mostly dry weather in late March and early April. On the **Big Island**, **Hilo's** March rainfall totaled 3.40 inches, just 25 percent of normal. Daily-record highs were tied in several **Hawaiian** locations, including **Kahului, Maui** (88°F on March 27), and **Honolulu, Oahu** (87°F on March 31).


U.S. Drought Monitor
March 28, 2017
(Released Thursday, Mar. 30, 2017)
Valid 8 a.m. EDT
Author:
Eric Luebehusen
U.S. Department of Agriculture
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
NDMC
http://droughtmonitor.unl.edu/


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for April 2017
Released March 31, 2017
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/3eZGd

National Weather Data for Selected Cities

Weather Data for the Week Ending April 1, 2017

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	80	59	84	49	70	13	1.27	-0.08	1.11	5.24	83	14.90	93	89	43	0	0	3	1
	HUNTSVILLE	76	54	83	48	65	10	0.84	-0.54	0.66	3.05	44	11.93	69	94	68	0	0	3	1
	MOBILE	82	61	86	54	71	9	0.54	-1.00	0.54	3.15	43	15.35	84	93	53	0	0	1	1
	MONTGOMERY	84	59	87	50	71	11	0.27	-1.03	0.26	3.77	57	18.47	108	85	39	0	0	2	0
AK	ANCHORAGE	35	24	43	16	30	1	0.67	0.56	0.59	0.67	100	3.37	161	84	72	0	7	3	1
	BARROW	-2	-16	0	-21	-9	2	0.00	0.00	0.00	1.56	1733	2.40	727	83	70	0	7	0	0
	FAIRBANKS	33	5	52	-14	19	1	0.11	0.07	0.11	0.22	79	2.43	203	80	65	0	7	1	0
	JUNEAU	43	35	44	29	39	3	2.03	1.36	1.10	4.63	129	15.21	122	99	92	0	2	7	1
	KODIAK	39	29	40	22	34	0	0.95	-0.21	0.32	0.95	18	6.50	34	80	69	0	5	4	0
	NOME	17	-6	29	-15	6	-6	0.00	-0.12	0.00	0.02	3	1.47	64	81	68	0	7	0	0
AZ	FLAGSTAFF	51	26	61	20	39	0	0.57	0.11	0.29	1.80	67	8.69	117	90	35	0	7	3	0
	PHOENIX	81	57	90	52	69	4	0.00	-0.17	0.00	0.06	6	2.40	89	39	20	1	0	0	0
	PRESCOTT	61	36	70	34	49	3	0.14	-0.17	0.13	0.68	35	4.14	77	84	24	0	0	2	0
	TUCSON	77	50	87	45	63	2	0.21	0.10	0.21	0.21	26	1.58	59	45	22	0	0	1	0
AR	FORT SMITH	73	48	79	42	60	4	0.86	-0.02	0.60	3.75	92	8.56	95	86	48	0	0	2	1
	LITTLE ROCK	76	51	81	45	64	8	0.30	-0.90	0.22	3.88	77	8.88	74	97	50	0	0	2	0
CA	BAKERSFIELD	72	48	79	41	60	1	0.00	-0.25	0.00	0.16	11	4.38	114	68	48	0	0	0	0
	FRESNO	69	48	76	42	59	2	0.13	-0.27	0.09	1.08	48	9.10	139	84	60	0	0	2	0
	LOS ANGELES	70	54	75	51	62	3	0.00	-0.37	0.00	0.08	3	11.56	135	81	48	0	0	0	0
	REDDING	70	49	85	41	60	6	0.48	-0.50	0.47	4.39	83	23.41	136	65	48	0	0	2	0
	SACRAMENTO	70	48	78	43	59	4	0.03	-0.45	0.03	2.39	84	20.56	201	86	36	0	0	1	0
	SAN DIEGO	70	57	78	54	63	2	0.00	-0.43	0.00	0.08	3	6.80	102	70	50	0	0	0	0
	SAN FRANCISCO	66	51	78	48	59	4	0.03	-0.54	0.02	3.04	91	19.80	168	80	55	0	0	2	0
	STOCKTON	72	47	77	41	60	4	0.03	-0.39	0.03	2.18	93	13.66	182	85	54	0	0	1	0
CO	ALAMOSA	56	28	62	22	42	6	0.33	0.22	0.19	0.74	154	2.39	254	90	45	0	6	4	0
	CO SPRINGS	52	33	62	30	43	3	0.47	0.19	0.24	0.69	63	1.08	62	90	49	0	4	5	0
	DENVER INTL	54	33	67	30	44	3	0.38	0.23	0.19	0.93	102	1.70	124	91	60	0	4	4	0
	GRAND JUNCTION	62	40	71	35	51	5	0.48	0.26	0.18	0.51	50	2.06	97	84	49	0	0	4	0
	PUEBLO	59	35	71	30	47	3	0.98	0.73	0.26	1.19	118	2.12	133	89	64	0	2	5	0
CT	BRIDGEPORT	47	38	57	34	43	0	2.35	1.37	1.13	4.36	102	9.55	87	84	66	0	0	4	2
	HARTFORD	45	32	54	28	39	-3	2.10	1.19	1.06	5.06	126	11.04	102	92	72	0	3	6	1
DC	WASHINGTON	63	48	76	45	56	6	1.00	0.26	0.96	3.22	87	6.65	70	89	58	0	0	4	1
DE	WILMINGTON	56	41	65	32	48	2	2.32	1.46	1.71	4.98	122	9.00	87	97	65	0	1	4	1
FL	DAYTONA BEACH	84	60	89	57	72	6	0.00	-0.85	0.00	1.07	27	5.08	52	98	44	0	0	0	0
	JACKSONVILLE	86	58	88	54	72	9	0.01	-0.88	0.01	1.07	26	6.47	59	98	37	0	0	1	0
	KEY WEST	82	75	83	72	79	4	0.00	-0.46	0.00	0.93	48	3.98	70	82	64	0	0	0	0
	MIAMI	84	71	88	67	77	3	0.18	-0.49	0.18	3.92	147	8.63	131	81	51	0	0	1	0
	ORLANDO	88	62	91	58	75	6	0.01	-0.78	0.01	0.11	3	3.04	36	87	38	2	0	1	0
	PENSACOLA	78	67	81	63	73	10	0.02	-1.35	0.02	0.73	11	16.08	97	88	62	0	0	1	0
	TALLAHASSEE	85	57	88	51	71	8	0.14	-1.20	0.13	1.20	18	11.13	67	96	46	0	0	2	0
	TAMPA	85	67	87	65	76	7	0.02	-0.53	0.02	0.99	34	3.91	50	84	48	0	0	1	0
	WEST PALM BEACH	82	66	84	61	74	2	0.00	-0.93	0.00	1.52	40	5.06	50	85	54	0	0	0	0
GA	ATHENS	81	56	85	50	69	13	0.79	-0.22	0.51	4.31	84	12.02	85	95	50	0	0	4	1
	ATLANTA	79	58	85	51	69	12	0.74	-0.34	0.34	2.69	49	12.74	84	90	50	0	0	5	0
	AUGUSTA	85	56	88	50	70	12	0.29	-0.67	0.15	1.77	37	14.00	105	92	48	0	0	2	0
	COLUMBUS	83	60	87	51	71	11	0.38	-0.81	0.19	1.53	26	15.79	104	86	37	0	0	4	0
	MACON	84	56	88	48	70	11	0.20	-0.80	0.16	1.45	29	14.65	101	92	38	0	0	3	0
	SAVANNAH	84	60	87	54	72	10	0.09	-0.79	0.05	0.44	12	9.28	87	85	41	0	0	1	0
HI	HILO	82	66	84	65	74	2	1.62	-1.89	0.66	3.99	27	22.50	67	87	77	0	0	7	1
	HONOLULU	86	72	87	67	79	4	0.00	-0.33	0.00	4.08	211	11.39	162	70	62	0	0	0	0
	KAHULUI	90	66	93	62	78	5	0.00	-0.52	0.00	4.13	171	6.61	78	76	64	4	0	0	0
	LIHUE	81	73	82	72	77	4	0.04	-0.72	0.04	5.82	158	12.30	107	79	73	0	0	1	0
ID	BOISE	57	37	61	32	47	1	1.71	1.41	1.28	2.56	177	6.74	169	78	52	0	1	3	1
	LEWISTON	56	39	59	34	47	0	0.57	0.32	0.29	3.53	304	6.31	194	84	65	0	0	6	0
	POCATELLO	54	33	58	27	43	2	0.29	0.01	0.26	0.91	64	6.86	192	90	65	0	2	2	0
IL	CHICAGO/O'HARE	52	38	62	34	45	4	2.36	1.62	1.84	4.07	147	8.46	138	90	70	0	0	4	1
	MOLINE	52	39	61	30	45	2	1.73	0.95	1.27	3.40	112	5.81	95	90	80	0	1	5	1
	PEORIA	54	43	59	36	48	4	2.16	1.47	1.15	4.04	138	6.70	110	96	76	0	0	5	2
	ROCKFORD	53	39	60	30	46	6	1.80	1.12	1.47	2.80	112	6.83	130	91	74	0	1	4	1
	SPRINGFIELD	58	44	66	36	51	5	2.30	1.56	1.70	4.27	131	5.94	89	94	74	0	0	4	1
IN	EVANSVILLE	65	48	79	42	57	8	0.94	-0.05	0.50	3.17	72	6.44	62	85	69	0	0	4	1
	FORT WAYNE	56	41	64	35	49	7	1.87	1.15	0.89	3.83	129	10.30	148	90	67	0	0	6	2
	INDIANAPOLIS	62	46	73	39	54	9	2.00	1.20	0.89	4.79	135	10.24	121	92	67	0	0	5	2
	SOUTH BEND	51	37	58	30	44	3	0.70	-0.05	0.67	2.68	89	9.67	133	97	72	0	2	3	1
IA	BURLINGTON	52	41	57	31	47	2	1.55	0.82	0.85	2.77	90	4.63	78	99	79	0	1	4	2
	CEDAR RAPIDS	49	37	58	29	43	2	0.75	0.13	0.56	2.11	91	4.28	96	100	79	0	2	2	1
	DES MOINES	50	41	55	36	46	3	1.53	0.90	1.47	3.50	152	6.02	133	90	76	0	0	4	1
	DUBUQUE	48	36	58	30	42	3	0.98	0.30	0.56	1.75	66	5.56	104	97	83	0	2	4	1
	SIOUX CITY	53	35	63	27	44	3	0.44	-0.10	0.43	1.52	73	4.11	125	97	70	0	2	2	0
	WATERLOO	50	36	60	28	43	3	0.51	-0.08	0.39	2.00	90	5.93	144	92	74	0	2	4	0
KS	CONCORDIA	50	41	56	39	45	-1	3.42	2.88	1.53	3.86	160	5.71	150	98	87	0	0	6	3
	DODGE CITY	52	37	68	31	45	-2	5.02	4.55	2.51	5.09	266	7.66	240	99	77	0	1	4	3
	GOODLAND	49	36	66	33	42	-1	1.30	1.05	0.82	2.01	162	2.94	139	99	90	0	0	4	1
	TOPEKA	55	45	60	43	50	2	3.05	2.42	2.05	4.11	155	5.49	115	96	83	0	0	6	1

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending April 1, 2017

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
	WICHITA	56	44	61	41	50	1	3.04	2.42	1.87	3.62	129	7.24	155	96	80	0	0	4	3
KY	JACKSON	67	51	81	43	59	8	1.95	1.05	0.70	4.41	98	11.98	102	95	58	0	0	3	3
	LEXINGTON	66	50	81	42	58	9	1.83	0.90	0.98	3.29	72	11.39	102	87	70	0	0	5	1
	LOUISVILLE	68	51	80	45	60	10	1.04	0.10	0.44	2.30	51	8.57	77	84	53	0	0	4	0
	PADUCAH	68	49	77	45	58	7	0.64	-0.34	0.48	4.41	100	9.24	78	88	57	0	0	2	0
LA	BATON ROUGE	83	63	86	54	73	10	1.25	0.06	1.21	3.74	71	15.18	92	96	46	0	0	2	1
	LAKE CHARLES	80	63	84	55	71	8	2.61	1.81	2.61	4.11	113	11.06	89	97	57	0	0	1	1
	NEW ORLEANS	81	64	83	55	72	8	0.93	-0.29	0.93	2.88	53	10.52	63	96	61	0	0	1	1
	SHREVEPORT	83	58	87	48	70	9	0.21	-0.71	0.21	1.49	35	5.63	43	93	46	0	0	1	0
ME	CARIBOU	35	20	45	8	28	-2	0.67	0.09	0.35	2.72	103	8.34	109	78	49	0	7	2	0
	PORTLAND	39	31	49	22	35	-2	2.18	1.18	0.74	3.82	89	12.02	104	89	59	0	5	6	2
MD	BALTIMORE	59	45	70	42	52	5	1.79	0.98	1.35	3.85	95	8.00	76	93	72	0	0	4	1
MA	BOSTON	43	34	48	30	38	-4	3.69	2.81	1.46	4.79	120	12.26	109	94	71	0	1	5	3
	WORCESTER	39	30	46	27	35	-3	2.92	1.94	1.08	4.88	112	11.23	97	91	64	0	6	4	3
MI	ALPENA	45	30	59	24	37	5	1.08	0.56	0.58	2.54	115	8.39	158	98	68	0	4	3	1
	GRAND RAPIDS	50	35	58	29	42	3	1.27	0.57	0.84	3.15	117	8.72	139	100	70	0	2	4	1
	HOUGHTON LAKE	47	30	59	25	39	6	0.64	0.12	0.43	2.58	122	8.06	162	94	76	0	5	3	0
	LANSING	50	36	58	29	43	5	1.37	0.72	1.10	3.62	149	9.90	180	90	74	0	2	5	1
	MUSKEGON	49	34	56	27	42	4	1.45	0.83	1.14	2.62	107	8.32	133	93	73	0	3	3	1
	TRAVERSE CITY	47	31	59	25	39	4	0.19	-0.37	0.10	1.72	83	7.89	116	95	58	0	4	2	0
MN	DULUTH	50	29	59	24	39	9	0.08	-0.38	0.08	1.09	62	4.05	109	91	61	0	7	1	0
	INT'L FALLS	53	29	58	24	41	12	0.00	-0.26	0.00	0.67	67	3.43	138	84	45	0	6	0	0
	MINNEAPOLIS	56	36	66	31	46	9	0.06	-0.45	0.04	0.69	36	2.31	61	83	59	0	1	2	0
	ROCHESTER	49	35	61	31	42	7	0.53	-0.02	0.45	2.85	145	6.63	182	93	79	0	1	2	0
	ST. CLOUD	55	31	63	27	43	10	0.03	-0.42	0.03	0.67	43	2.19	75	94	46	0	5	1	0
MS	JACKSON	82	59	85	50	71	12	1.63	0.24	0.95	4.54	76	14.76	92	92	46	0	0	2	2
	MERIDIAN	82	60	85	50	71	11	0.84	-0.68	0.68	5.80	81	15.37	83	98	55	0	0	2	1
	TUPELO	78	55	82	48	66	10	0.00	-1.33	0.00	1.13	17	9.60	59	84	54	0	0	0	0
MO	COLUMBIA	58	47	62	41	52	4	1.02	0.24	0.53	3.31	100	4.83	67	97	77	0	0	5	1
	KANSAS CITY	53	44	56	41	49	1	1.92	1.35	1.44	2.84	113	4.29	86	96	82	0	0	5	1
	SAINT LOUIS	61	49	71	41	55	5	1.61	0.78	1.18	4.24	114	6.53	80	85	73	0	0	4	1
	SPRINGFIELD	64	49	73	45	56	6	1.22	0.25	0.64	4.86	123	9.32	112	91	75	0	0	5	1
MT	BILLINGS	57	40	62	35	48	8	0.99	0.70	0.58	2.22	191	3.98	157	85	43	0	0	4	1
	BUTTE	51	28	59	23	40	7	0.04	-0.15	0.04	0.91	106	1.70	91	85	37	0	5	1	0
	CUT BANK	54	32	59	24	43	9	0.00	-0.14	0.00	0.06	11	1.33	107	78	31	0	3	0	0
	GLASGOW	59	33	63	30	46	11	0.09	-0.02	0.08	0.46	94	1.48	135	83	52	0	3	2	0
	GREAT FALLS	56	34	61	29	45	9	0.02	-0.23	0.02	0.41	39	1.83	82	77	32	0	2	1	0
	HAVRE	60	33	65	27	47	11	0.00	-0.14	0.00	0.15	21	1.53	99	80	43	0	2	0	0
	MISSOULA	53	34	58	27	44	3	0.27	0.08	0.21	2.02	204	5.32	189	88	68	0	3	4	0
NE	GRAND ISLAND	49	36	55	31	43	1	0.45	-0.07	0.31	0.84	40	2.17	65	100	86	0	1	3	0
	LINCOLN	50	38	57	29	44	0	1.18	0.62	1.02	1.70	74	3.35	93	94	79	0	1	4	1
	NORFOLK	51	36	59	31	44	3	0.37	-0.13	0.34	1.26	62	3.50	104	91	73	0	1	3	0
	NORTH PLATTE	54	38	66	34	46	5	0.63	0.33	0.56	1.82	142	3.81	175	90	58	0	0	3	1
	OMAHA	51	40	56	33	45	1	1.21	0.67	1.21	2.37	107	4.47	118	84	74	0	0	1	1
	SCOTTSBLUFF	55	33	67	25	44	4	1.58	1.28	1.11	1.75	146	3.97	171	89	66	0	2	4	1
	VALENTINE	53	36	62	27	45	6	0.33	0.05	0.24	0.76	66	3.17	164	89	65	0	1	3	0
NV	ELY	51	27	62	23	39	1	0.72	0.51	0.50	2.55	236	5.80	226	89	61	0	7	3	1
	LAS VEGAS	74	54	79	46	64	3	0.01	-0.06	0.01	0.01	2	1.47	78	38	23	0	0	1	0
	RENO	60	34	71	31	47	2	0.21	0.08	0.13	0.87	99	9.87	329	71	44	0	1	3	0
	WINNEMUCCA	56	27	66	20	42	-1	0.27	0.08	0.14	0.69	78	3.28	140	91	56	0	6	3	0
NH	CONCORD	41	30	50	18	36	-1	2.68	1.96	0.84	4.07	130	9.30	110	90	62	0	5	5	3
NJ	NEWARK	51	38	61	35	44	-2	3.37	2.42	1.93	5.09	117	11.82	105	91	75	0	0	6	2
NM	ALBUQUERQUE	62	39	72	34	50	-1	0.41	0.30	0.21	0.41	65	1.80	115	80	33	0	0	3	0
NY	ALBANY	45	32	51	25	39	0	2.04	1.30	1.16	4.18	130	10.16	129	87	61	0	3	7	1
	BINGHAMTON	43	31	56	27	37	1	1.78	1.06	0.86	5.62	182	11.88	146	95	78	0	5	6	2
	BUFFALO	49	37	60	33	43	5	1.21	0.50	0.76	4.38	142	9.56	110	90	67	0	0	3	1
	ROCHESTER	49	37	59	31	43	5	1.62	1.00	1.22	3.45	129	8.54	121	90	73	0	2	4	1
	SYRACUSE	46	32	53	25	39	1	1.34	0.59	0.81	3.87	124	10.46	133	96	69	0	4	5	1
NC	ASHEVILLE	69	51	75	45	60	11	2.26	1.28	0.97	3.74	79	8.16	65	90	56	0	0	5	2
	CHARLOTTE	76	55	81	50	66	10	0.78	-0.12	0.35	2.71	60	9.62	80	84	47	0	0	4	0
	GREENSBORO	73	54	77	49	63	11	1.01	0.18	0.45	2.56	65	8.17	77	91	50	0	0	4	0
	HATTERAS	72	58	78	52	65	10	1.21	0.14	1.04	5.29	104	11.60	78	83	56	0	0	2	1
	RALEIGH	76	55	80	49	66	12	0.54	-0.26	0.42	3.15	76	7.58	65	84	49	0	0	3	0
	WILMINGTON	76	54	83	49	65	7	0.73	-0.11	0.72	2.72	63	8.26	66	95	49	0	0	2	1
ND	BISMARCK	63	34	66	28	49	15	0.00	-0.22	0.00	0.54	61	2.33	126	90	54	0	2	0	0
	DICKINSON	60	34	63	29	47	13	0.13	-0.11	0.12	0.34	47	1.12	73	94	30	0	2	2	0
	FARGO	58	33	62	30	46	13	0.01	-0.27	0.01	0.34	28	2.12	83	96	54	0	4	1	0
	GRAND FORKS	54	34	62	30	44	13	0.09	-0.13	0.05	0.87	95	2.12	97	99	64	0	2	3	0
	JAMESTOWN	58	32	63	27	45	12	0.00	-0.23	0.00	0.08	9	1.19	57	99	47	0	6	0	0
	WILLISTON	60	35	65	29	47	14	0.21	0.04	0.18	0.85	110	1.99	117	93	59	0	3	3	0
OH	AKRON-CANTON	57	43	68	33	50	9	2.43	1.71	1.27	5.44	167	13.94	174	85	70	0	0	6	1
	CINCINNATI	63	46	79	41	55	8	1.52	0.61	0.73	4.81	119	12.04	124	93	77	0	0	5	1
	CLEVELAND	57	41	68	37	49	8	1.45	0.73	0.73	3.99	131	12.85	164	86	60	0	0	4	1
	COLUMBUS	64	45	77	38	55	9	2.67	1.99	1.53	5.43	182	11.89	154	88	64	0	0	5	2
	DAYTON	61	44	77	37	53	9	0.92	0.09	0.25	4.92	144	10.26	124	96	64	0	0	5	0
	MANSFIELD	58	42	63	33	50	10	1.27	0.40	0.50	3.66	105	11.52	139	99	67	0	0	4	1

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

Weather Data for the Week Ending April 1, 2017

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	53	37	60	30	45	4	2.21	1.53	1.81	3.62	133	9.39	144	99	75	0	1	2	1
	YOUNGSTOWN	55	41	69	32	48	7	1.98	1.24	1.12	5.06	160	12.94	172	91	71	0	1	5	1
OK	OKLAHOMA CITY	69	45	77	40	57	3	2.64	2.02	1.73	2.74	92	7.43	127	91	51	0	0	3	2
	TULSA	69	46	79	38	57	2	1.09	0.28	0.61	2.41	65	7.00	97	91	69	0	0	3	1
OR	ASTORIA	52	45	54	43	48	1	1.94	0.42	0.74	14.72	194	32.60	130	86	73	0	0	6	1
	BURNS	51	30	63	26	41	2	0.57	0.34	0.29	1.72	135	6.72	189	87	57	0	6	4	0
	EUGENE	56	41	62	33	49	2	1.15	-0.01	0.55	5.84	98	19.22	96	96	80	0	0	6	1
	MEDFORD	61	41	71	34	51	3	0.61	0.26	0.31	2.03	107	11.04	171	93	52	0	0	4	0
	PENDLETON	57	38	63	33	48	1	0.30	0.04	0.19	2.39	184	6.31	159	85	64	0	0	4	0
	PORTLAND	56	44	59	39	50	2	0.97	0.23	0.65	7.30	192	21.79	167	84	75	0	0	5	1
	SALEM	57	43	61	34	50	2	0.88	0.08	0.48	7.73	181	26.54	174	85	73	0	0	5	0
PA	ALLENTOWN	51	38	59	32	44	2	2.50	1.70	1.29	5.35	146	10.44	105	84	65	0	1	5	1
	ERIE	52	38	68	34	45	5	2.33	1.55	1.26	3.90	120	11.32	141	93	77	0	0	6	2
	MIDDLETOWN	53	42	60	38	47	2	1.47	0.78	0.92	6.71	199	11.09	121	94	65	0	0	6	1
	PHILADELPHIA	54	41	62	37	48	1	2.18	1.33	1.45	4.25	108	8.46	83	88	67	0	0	4	1
	PITTSBURGH	58	46	68	37	52	9	2.08	1.36	1.29	4.78	146	11.08	133	95	64	0	0	5	2
	WILKES-BARRE	48	36	58	29	42	0	1.60	0.93	0.97	5.56	199	11.79	161	90	68	0	2	5	1
	WILLIAMSPORT	51	38	60	34	44	2	1.46	0.69	0.89	3.85	116	9.15	104	85	68	0	0	6	1
RI	PROVIDENCE	46	35	53	30	40	-2	2.69	1.64	0.97	4.93	108	12.11	98	86	68	0	1	5	2
SC	BEAUFORT	83	60	88	53	72	12	0.25	-0.63	0.19	0.81	21	6.72	61	99	46	0	0	2	0
	CHARLESTON	82	59	88	54	71	11	0.18	-0.71	0.12	1.02	25	5.20	46	89	41	0	0	3	0
	COLUMBIA	82	57	85	49	70	12	0.55	-0.44	0.43	2.43	51	11.06	84	85	43	0	0	3	0
	GREENVILLE	76	54	84	47	65	11	1.44	0.38	0.63	7.37	135	13.09	93	90	47	0	0	5	1
SD	ABERDEEN	58	31	65	28	45	10	0.00	-0.36	0.00	0.67	48	1.85	78	88	60	0	5	0	0
	HURON	58	35	63	32	47	10	0.00	-0.45	0.00	0.82	47	2.23	80	95	45	0	1	0	0
	RAPID CITY	53	31	61	24	42	4	0.35	0.07	0.30	0.54	50	1.65	87	96	58	0	4	2	0
	SIOUX FALLS	55	37	63	28	46	9	0.04	-0.47	0.04	0.55	29	2.40	83	93	66	0	1	1	0
TN	BRISTOL	71	49	77	41	60	10	0.90	0.11	0.34	4.57	114	9.67	88	94	48	0	0	5	0
	CHATTANOOGA	77	54	83	49	65	11	1.35	0.05	1.15	4.13	65	12.56	76	88	52	0	0	4	1
	KNOXVILLE	73	53	80	46	63	10	1.29	0.21	0.57	5.74	108	12.28	88	88	48	0	0	4	1
	MEMPHIS	77	56	83	48	66	10	0.07	-1.23	0.07	3.56	62	9.22	64	84	48	0	0	1	0
	NASHVILLE	73	53	82	47	63	10	0.34	-0.68	0.15	3.93	78	8.82	70	91	50	0	0	4	0
TX	ABILENE	78	50	87	43	64	5	0.43	0.13	0.31	0.45	31	3.83	108	84	51	0	0	3	0
	AMARILLO	62	39	77	35	51	0	1.96	1.68	0.98	2.09	179	5.77	246	95	54	0	0	4	2
	AUSTIN	84	60	88	48	72	8	1.31	0.90	1.31	3.36	153	10.67	175	88	53	0	0	1	1
	BEAUMONT	82	63	84	54	73	9	4.74	3.86	4.71	8.24	212	10.29	80	93	54	0	0	3	1
	BROWNSVILLE	86	68	89	59	77	6	0.00	-0.27	0.00	1.84	190	3.38	96	92	67	0	0	0	0
	CORPUS CHRISTI	86	66	89	54	76	8	0.09	-0.27	0.09	4.93	277	7.77	148	94	62	0	0	1	0
	DEL RIO	87	57	93	49	72	6	0.63	0.41	0.35	0.80	80	1.77	70	84	50	2	0	2	0
	EL PASO	75	52	82	44	64	5	0.00	-0.03	0.00	0.00	0	1.20	109	33	15	0	0	0	0
	FORT WORTH	81	56	86	51	69	9	0.55	-0.06	0.55	1.06	34	7.78	105	85	42	0	0	1	1
	GALVESTON	79	70	81	64	75	9	0.07	-0.55	0.07	1.27	45	5.54	58	93	67	0	0	1	0
	HOUSTON	82	62	87	54	72	7	1.68	0.91	1.68	5.63	162	14.15	140	91	58	0	0	1	1
	LUBBOCK	70	44	80	37	57	3	0.54	0.36	0.39	0.68	86	3.60	180	84	59	0	0	2	0
	MIDLAND	80	51	90	43	65	7	0.35	0.29	0.35	0.48	112	2.32	151	64	31	1	0	1	0
	SAN ANGELO	84	48	91	39	66	6	0.36	0.17	0.20	0.40	39	3.10	103	73	33	1	0	2	0
	SAN ANTONIO	83	61	86	51	72	8	0.87	0.46	0.87	2.11	108	8.44	157	91	43	0	0	1	1
	VICTORIA	84	63	87	55	74	8	0.79	0.29	0.79	4.98	215	13.58	200	91	53	0	0	1	1
	WACO	80	56	84	50	68	7	0.67	0.19	0.67	3.31	130	9.48	138	90	59	0	0	1	1
	WICHITA FALLS	74	48	83	45	61	4	0.90	0.38	0.35	1.02	44	4.98	99	89	60	0	0	4	0
UT	SALT LAKE CITY	55	40	60	34	47	1	0.55	0.12	0.40	3.52	179	7.17	154	83	45	0	0	2	0
VT	BURLINGTON	42	31	52	16	37	2	1.31	0.72	0.61	3.71	154	8.38	133	89	64	0	4	5	1
VA	LYNCHBURG	70	49	76	46	59	10	1.17	0.34	0.81	2.66	68	7.04	67	86	49	0	0	4	1
	NORFOLK	67	52	78	45	59	7	1.81	0.92	1.64	4.61	110	9.68	84	89	61	0	0	2	1
	RICHMOND	70	49	78	45	59	8	1.57	0.70	1.45	3.69	88	8.69	81	92	62	0	0	3	1
	ROANOKE	69	51	80	45	60	10	1.35	0.50	0.96	2.32	59	6.96	68	89	53	0	0	4	1
	WASH/DULLES	62	45	75	41	53	6	2.14	1.36	1.55	4.00	109	7.44	78	89	68	0	0	5	2
WA	OLYMPIA	54	40	60	32	47	2	1.98	0.90	0.81	11.43	210	24.43	128	97	82	0	1	5	2
	QUILLAYUTE	50	42	51	39	46	2	7.41	5.23	4.31	23.20	206	43.26	116	97	88	0	0	6	3
	SEATTLE-TACOMA	54	43	56	39	49	2	1.24	0.47	0.58	7.38	191	20.44	155	91	75	0	0	5	1
	SPOKANE	51	36	56	31	44	2	0.69	0.39	0.37	4.12	262	10.36	211	89	60	0	1	5	0
	YAKIMA	62	37	69	32	49	4	0.16	0.02	0.11	1.01	140	5.57	207	81	55	0	1	2	0
WV	BECKLEY	61	48	72	39	55	10	1.92	1.15	1.00	4.25	114	10.62	107	91	70	0	0	5	1
	CHARLESTON	67	50	78	44	58	9	2.05	1.24	1.18	4.22	105	12.52	120	92	58	0	0	5	1
	ELKINS	63	44	71	37	54	11	1.71	0.87	0.69	4.34	107	11.59	109	87	54	0	0	5	1
	HUNTINGTON	68	50	82	44	59	10	1.98	1.18	0.94	4.09	104	11.89	116	90	59	0	0	4	2
WI	EAU CLAIRE	53	31	64	26	42	7	0.06	-0.49	0.04	1.08	56	5.15	136	92	47	0	4	3	0
	GREEN BAY	47	33	63	31	40	4	0.57	0.01	0.29	2.07	97	5.43	125	96	73	0	4	3	0
	LA CROSSE	53	36	67	29	44	5	0.42	-0.19	0.18	1.68	80	5.53	130	94	57	0	2	3	0
	MADISON	49	34	60	27	42	4	0.94	0.29	0.53	2.84	119	7.54	154	94	78	0	3	3	1
	MILWAUKEE	46	36	59	32	41	3	1.90	1.16	1.11	3.73	138	7.74	125	87	73	0	1	3	2
WY	CASPER	51	32	58	26	42	4	1.37	1.18	1.04	1.71	184	3.26	152	92	71	0	3	5	1
	CHEYENNE	49	32	61	28	40	4	0.58	0.33	0.29	0.75	69	2.19	111	91	75	0	3	5	0
	LANDER	50	32	59	27	41	2	3.58	3.25	2.85	4.66	361	7.14	304	93	48	0	4	6	1
	SHERIDAN	55	33	62	27	44	6	1.66	1.39	0.98	3.46	333	5.77	242	90	67	0	4	4	2

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

National Agricultural Summary

March 27-April 2, 2017

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Temperatures were above normal across most of the United States, aiding fieldwork where soil moisture conditions allowed. Average temperatures were more than 6°F above normal across a majority of the Rocky Mountains and southern Plains. Conversely, New England was the only region with temperatures well below normal. Weekly precipitation levels were above average throughout much of the Nation. Areas of heavy precipitation were noted in the central Great Plains and lower Mississippi Valley, where some locations recorded more than 4 inches of rainfall for the week. Dry conditions persisted in the Southeast.

Winter Wheat: On April 2, fifty-one percent of the 2017 winter wheat crop was reported in good to excellent condition, compared with 59 percent at the same time last year. Since autumn, crop conditions have worsened in most of the Great Plains States with decreases of more than 12 percentage points in the good to excellent categories reported in Montana and Oklahoma. Also, Kansas winter wheat condition was rated at 43 percent good to excellent, compared with 52 percent on November 27, 2016.

Cotton: Nationwide, 4 percent of the cotton crop had been planted by week's end, slightly ahead of last year but equal to the five-year average. Progress was behind normal in Arizona and California but equal to the five-year average pace in Texas.

Sorghum: With activity limited to Arkansas, Louisiana, and Texas, 15 percent of the Nation's sorghum crop had been planted by April 2, two percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Sorghum planting progress was 5 percentage points behind the 5-year average in Arkansas, 2 percentage points behind in Louisiana, but 14 percentage points ahead of the 5-year average in Texas.

Rice: By week's end, producers had seeded 17 percent of the 2017 rice crop, 2 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Rice planting advanced 21 percentage points in Louisiana during the week, with 63 percent planted by April 2. With significant progress limited to Louisiana and Texas, 7 percent of the Nation's rice crop was emerged, slightly ahead of last year and 3 percentage points ahead of the 5-year average.

Small Grains: Nationally, oat producers had seeded 28 percent of this year's crop by April 2, equal to last year but 6 percentage points behind the 5-year average. Oats planting progress was at or behind the 5-year average in all estimating states except Nebraska and Wisconsin. With progress mostly limited to the earlier-planted crop in Texas, 25 percent of the Nation's oat crop was emerged, slightly ahead of last year but 4 percentage points behind the 5-year average.

Crop Progress and Condition

Week Ending April 2, 2017

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

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	2	4	24	58	12
CA	0	0	0	85	15
CO	5	21	35	32	7
ID	0	1	32	59	8
IL	2	5	28	54	11
IN	1	3	27	55	14
KS	5	15	37	40	3
MI	2	9	26	50	13
MO	0	2	35	56	7
MT	0	5	32	58	5
NE	2	9	42	42	5
NC	1	8	22	63	6
OH	0	2	18	62	18
OK	5	12	42	38	3
OR	1	3	9	70	17
SD	0	6	41	53	0
TX	3	14	44	33	6
WA	1	2	13	67	17
18 Sts	3	11	35	45	6
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	1	6	34	49	10

Cotton Percent Planted

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
AL	0	NA	0	1
AZ	24	10	21	24
AR	0	NA	0	0
CA	0	NA	0	8
GA	0	NA	0	1
KS	0	NA	0	0
LA	0	NA	0	0
MS	0	NA	0	0
MO	0	NA	0	0
NC	0	NA	0	0
OK	0	NA	0	0
SC	0	NA	0	0
TN	0	NA	0	0
TX	5	3	7	7
VA	0	NA	0	0
15 Sts	3	NA	4	4

These 15 States planted 98% of last year's cotton acreage.

Sorghum Percent Planted

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
AR	1	1	2	7
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	12	3	19	21
MO	0	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	0	NA	0	0
SD	0	NA	0	0
TX	35	39	46	32
11 Sts	13	NA	15	12

These 11 States planted 99% of last year's sorghum acreage.

Rice Percent Planted

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
AR	10	2	9	8
CA	0	NA	0	0
LA	46	42	63	47
MS	5	3	12	7
MO	0	NA	0	3
TX	43	24	37	29
6 Sts	15	NA	17	14

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

Oats Percent Planted

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
IA	11	NA	6	18
MN	1	NA	0	5
NE	18	NA	28	25
ND	0	NA	0	1
OH	5	NA	5	6
PA	14	NA	0	12
SD	5	NA	2	7
TX	100	100	100	100
WI	1	NA	2	1
9 Sts	28	NA	28	34

These 9 States planted 66% of last year's oat acreage.

Oats Percent Emerged

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
IA	0	NA	0	2
MN	0	NA	0	0
NE	0	NA	0	1
ND	0	NA	0	0
OH	0	NA	1	0
PA	1	NA	0	2
SD	0	NA	0	1
TX	100	100	100	86
WI	0	NA	0	0
9 Sts	24	NA	25	29

These 9 States planted 66% of last year's oat acreage.

Rice Percent Emerged

	Prev Year	Prev Week	Apr 2 2017	5-Yr Avg
AR	1	NA	1	1
CA	0	NA	0	0
LA	29	8	36	12
MS	0	NA	1	1
MO	0	NA	0	0
TX	19	NA	11	7
6 Sts	6	NA	7	4

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

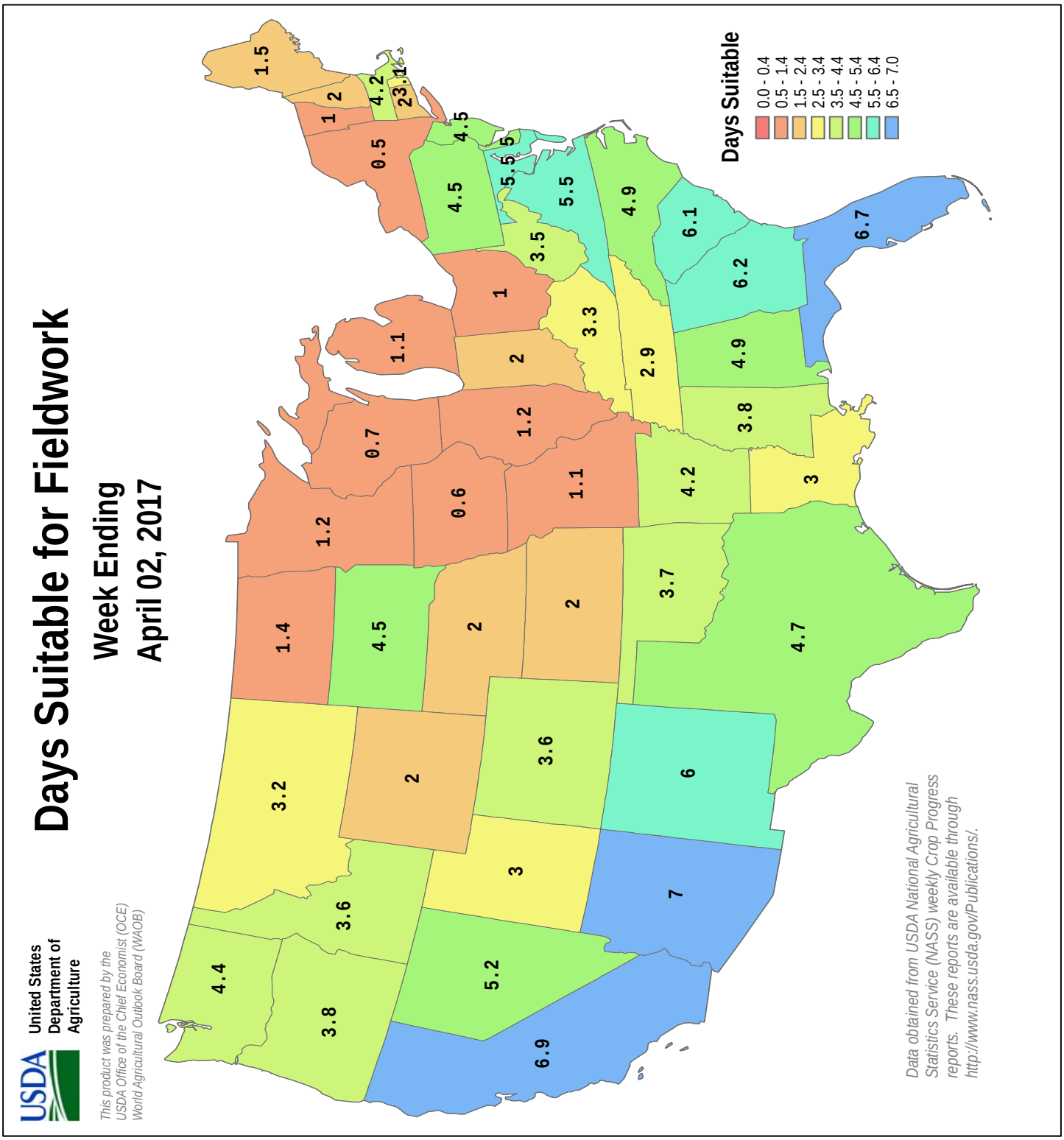
VP - Very Poor; P - Poor; F - Fair; G - Good; EX - Excellent

NA - Not Available; *Revised

Crop Progress and Condition

Week Ending April 2, 2017

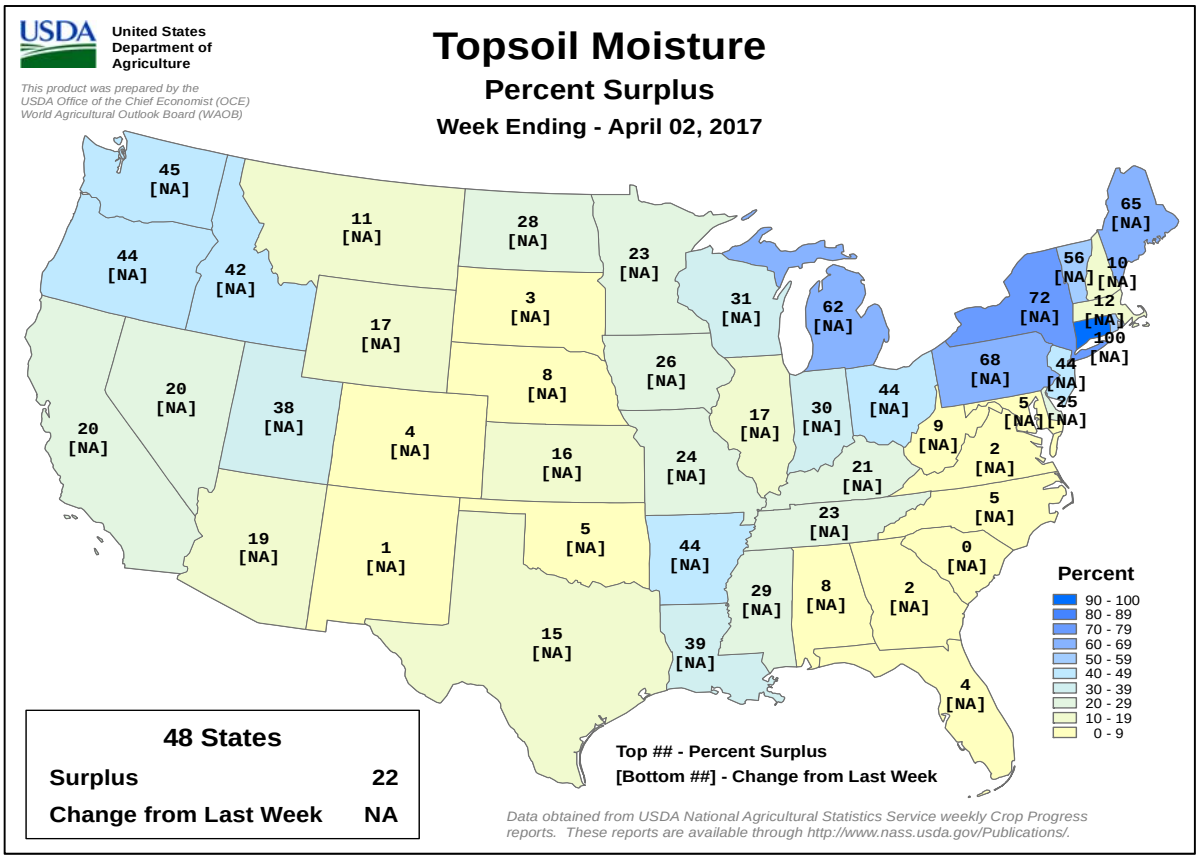
Weekly U.S. Progress and Condition Data provided by USDA/NASS

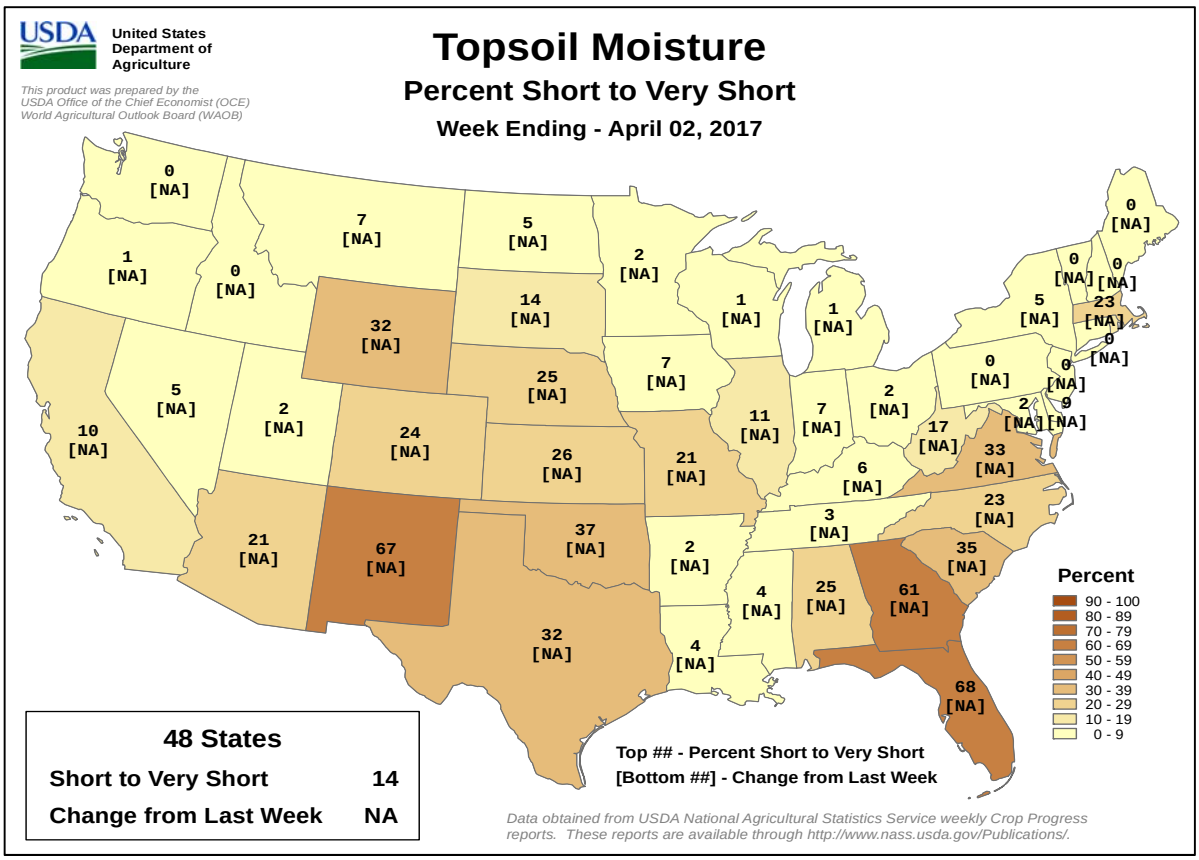


Crop Progress and Condition

Week Ending April 2, 2017

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

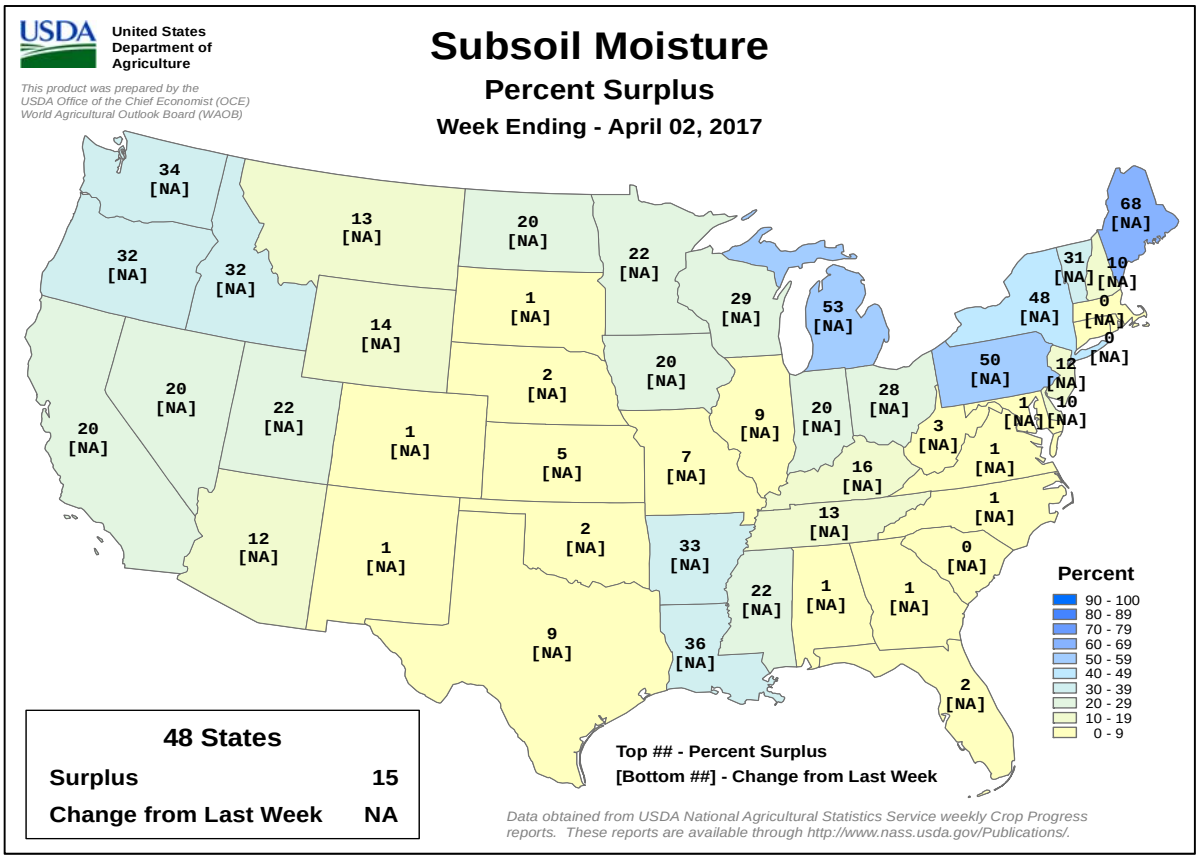


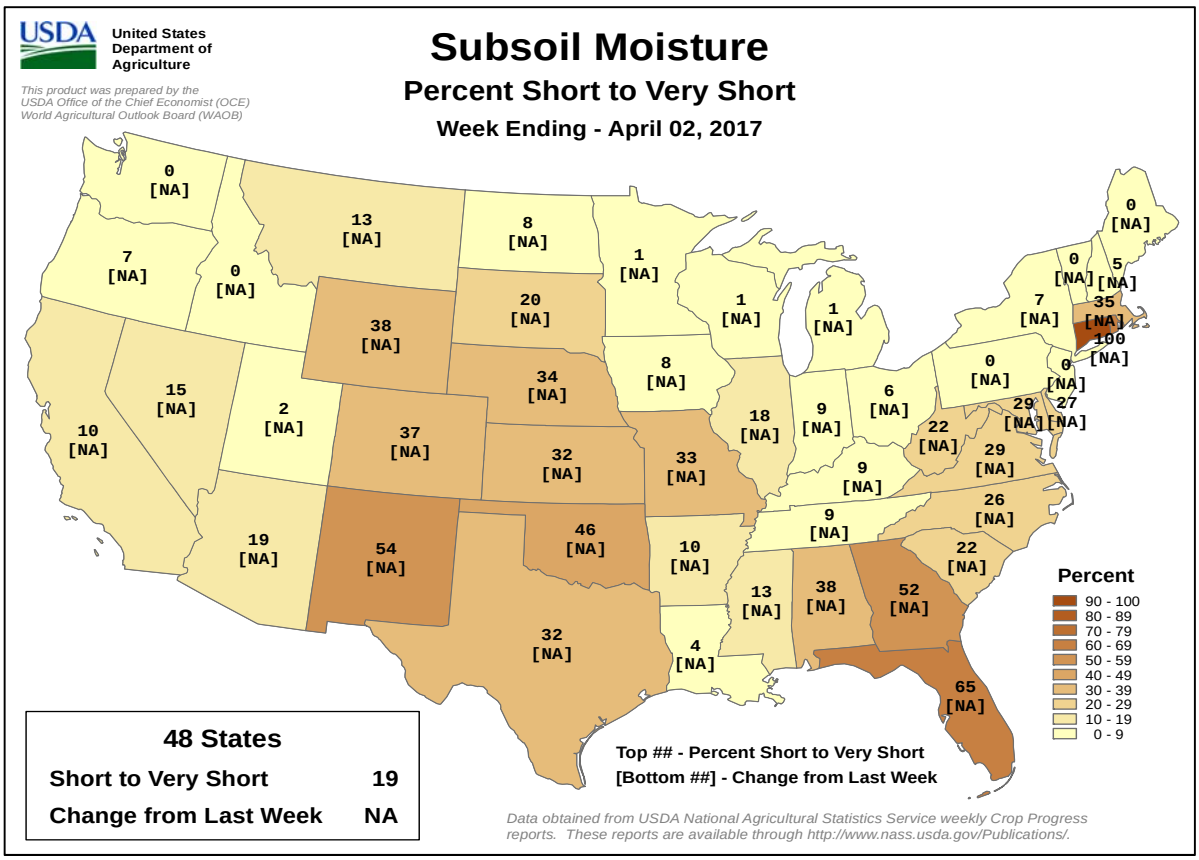


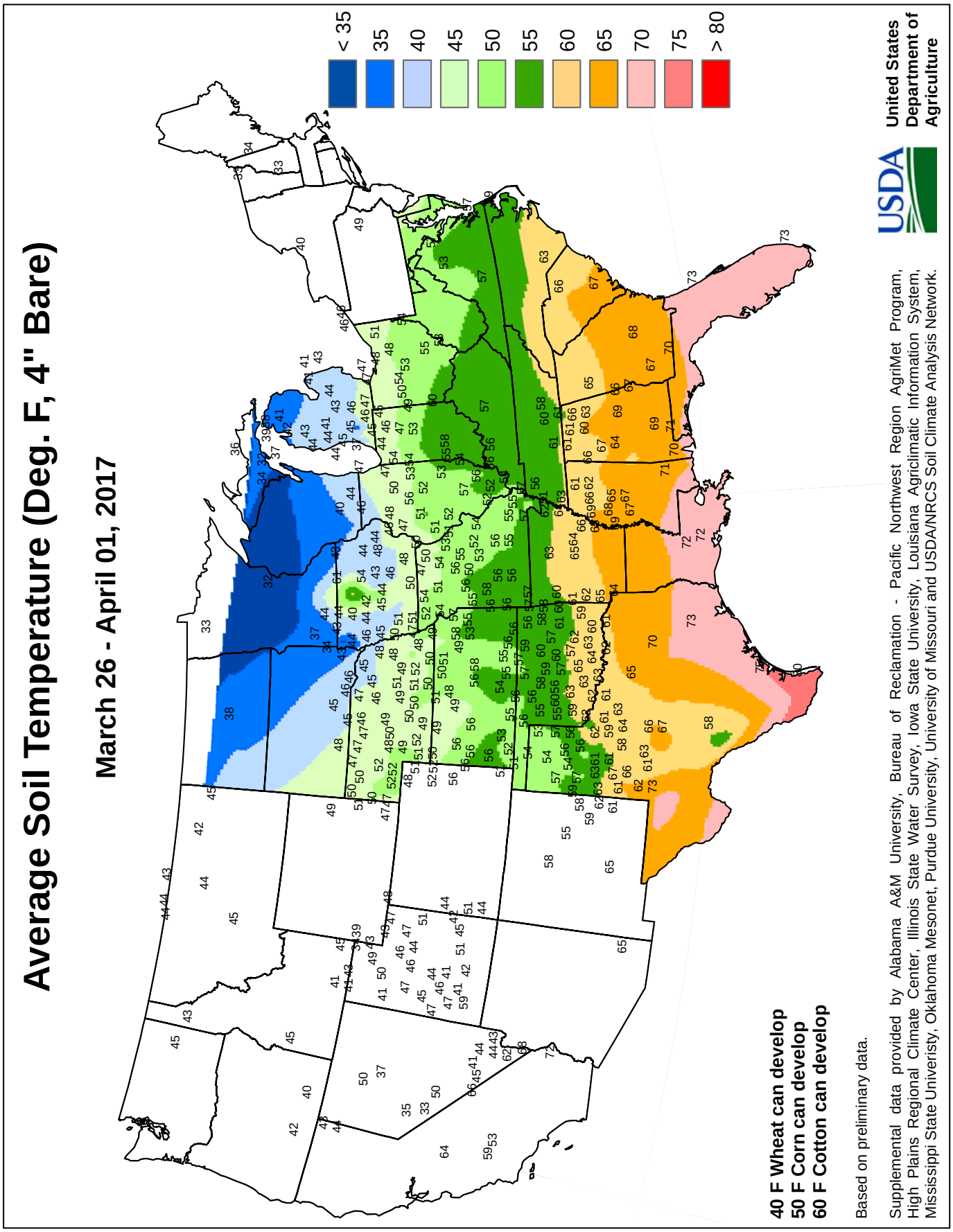
Crop Progress and Condition

Week Ending April 2, 2017

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






Average Soil Temperature (Deg. F, 4" Bare)
March 26 - April 01, 2017
< 35
35
40
45
50
55
60
65
70
75
> 80
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.
USDA
United States Department of Agriculture

International Weather and Crop Summary

March 26 - April 1, 2017

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

EUROPE: Dry, warm weather promoted fieldwork and crop development over most of the continent.

FSU-WESTERN: Favorable showers in Russia contrasted with increasing short-term drought in central Ukraine's wheat areas.

MIDDLE EAST: Widespread albeit highly variable showers maintained mostly favorable conditions for vegetative (north) to reproductive (south) winter grains.

NORTHWEST AFRICA: Sunny, warm weather maintained good to excellent prospects for reproductive winter grains in Morocco.

EAST ASIA: Showers across eastern China maintained good soil moisture for vegetative to reproductive crops.

SOUTHEAST ASIA: Unseasonably wet weather in Thailand provided a welcomed boost to irrigation reserves.

AUSTRALIA: Tropical Cyclone Debbie caused some damage to sugarcane and other crops along the Queensland coast.

SOUTH AFRICA: Warmth and dryness prompted rapid maturation of corn.

ARGENTINA: Heavy rain flooded some southwestern farming areas.

BRAZIL: Widespread, locally heavy showers maintained favorable prospects for second-crop corn and cotton throughout central and northeastern Brazil.

March 2017

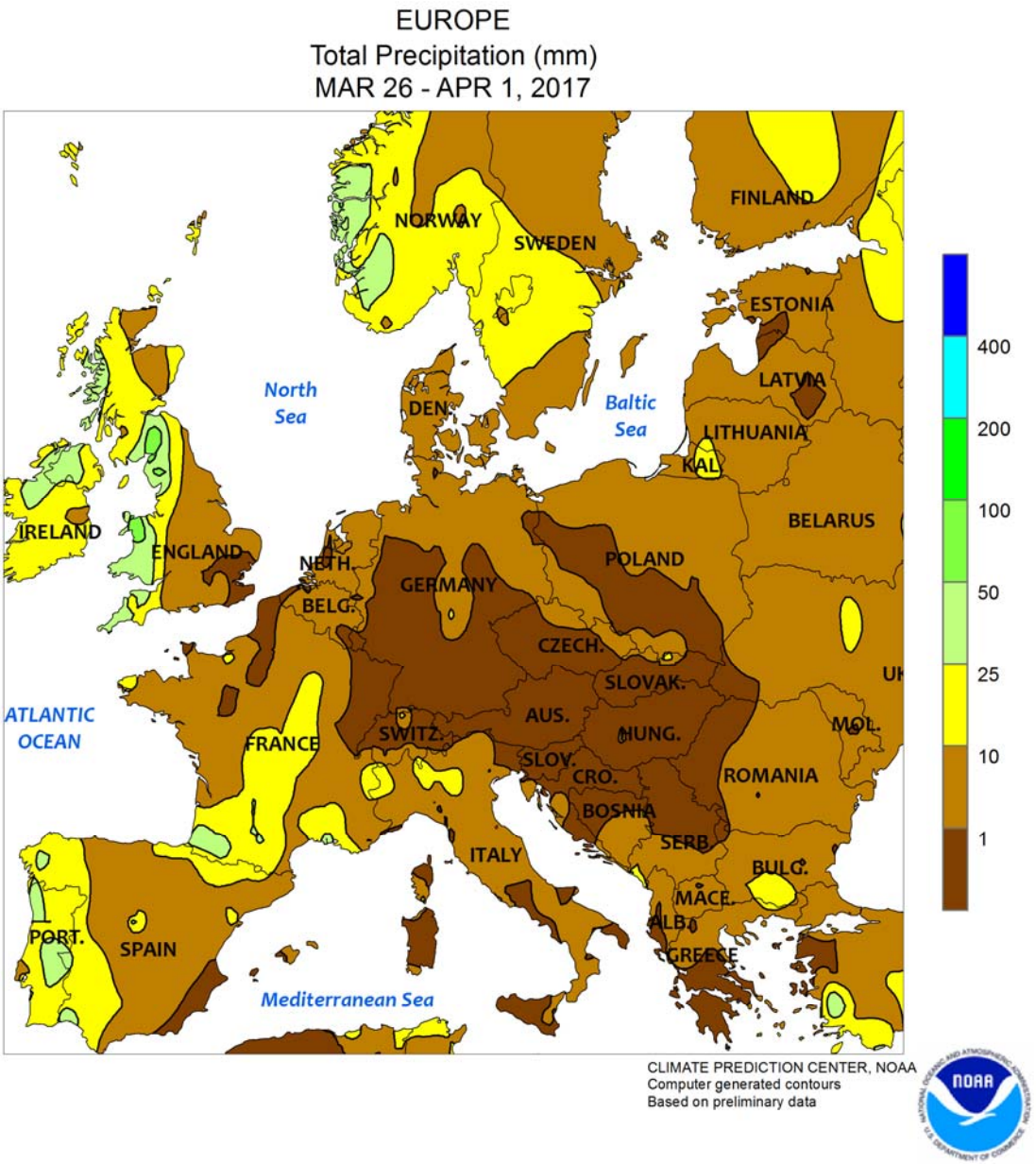
COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	21	8	29	2	14	1.4	55	-5
	BATNA	20	2	25	-2	11	2	0	-61
ARGENT	IGUAZU	30	20	35	14	25	0.4	158	27
	FORMOSA	32	21	38	13	26	0.9	109	-45
	CERES	29	18	35	11	24	1	178	38
	CORDOBA	27	14	34	6	20	-0.1	42	-80
	RIO CUARTO	26	15	32	9	21	0.8	61	-53
	ROSARIO	27	16	34	8	22	0.5	151	18
	BUENOS AIRES	26	16	35	8	21	0.6	30	-63
	SANTA ROSA	27	13	33	4	20	0.3	324	238
	TRES ARROYOS	25	14	30	7	20	1.3	45	-36
AUSTRA	DARWIN	32	25	34	23	29	0.4	227	-147
	BRISBANE	28	22	33	18	25	1.5	252	128
	PERTH	28	15	38	6	22	-1	19	5
	CEDUNA	27	16	44	6	21	1.4	0	-14
	ADELAIDE	28	17	34	9	22	2.4	6	-16
	MELBOURNE	27	15	34	7	21	2.7	26	-5
	WAGGA	30	16	37	8	23	2.7	45	4
	CANBERRA	26	13	33	6	19	1.8	86	35
AUSTRI	VIENNA	14	4	22	-4	9	3.4	61	21
	INNSBRUCK	15	3	23	-2	9	3.9	94	35
BAHAMA	NASSAU	27	19	30	15	23	0.5	27	-22
BARBAD	BRIDGETOWN	29	24	31	22	27	0.6	53	17
BELARU	MINSK	8	1	13	-2	5	5	60	16
BERMUD	ST GEORGES	19	15	23	9	17	-1.5	71	-35
BOLIVI	LA PAZ	14	4	17	0	9	0.2	103	-6
BRAZIL	FORTALEZA	30	25	32	23	27	-0.3	343	33
	RECIFE	31	26	31	24	28	-0.6	91	-107
	CAMPO GRANDE	30	21	33	19	26	-0.2	287	139
	FRANCA	29	19	31	16	24	1.5	183	-24
	RIO DE JANEIRO	30	23	36	20	27	-0.2	76	-59
	LONDRINA	31	20	35	16	25	1.7	118	-31
	SANTA MARIA	29	18	35	11	24	0.5	222	83
	TORRES	28	20	33	13	24	-1.7	222	114
BULGAR	SOFIA	15	4	23	-2	9	4.2	61	27
BURKIN	OUAGADOUGOU	41	24	43	19	32	1.2	0	-5
CANADA	TORONTO	4	-5	16	-13	-1	-0.2	77	21
	MONTREAL	0	-9	10	-21	-5	-2.3	115	46
	WINNIPEG	-1	-9	12	-23	-5	0.7	0	-22
	REGINA	0	-9	16	-23	-4	0.7	0	-18
	SASKATOON	-1	-10	12	-25	-5	0.6	0	-15
	LETHBRIDGE	***	***	***	***	***	*****	*****	*****
	CALGARY	3	-8	15	-22	-2	-0.6	16	-1
	VANCOUVER	9	4	14	-1	7	0.2	206	93
CANARY	LAS PALMAS	22	16	30	13	19	0.5	12	-4
CHILE	SANTIAGO	28	12	35	8	20	2.2	0	-5
CHINA	HARBIN	4	-8	11	-20	-2	1.4	4	-5
	HAMI	15	-1	24	-5	7	2.7	0	-1
	BEIJING	15	3	20	-2	9	2.7	13	5
	TIENTSIN	15	3	21	-3	9	2.5	15	8
	LHASA	12	0	21	-4	6	0.7	3	-1
	KUNMING	20	8	27	4	14	0.5	68	49
	CHENGCHOW	15	6	22	0	11	2.6	16	-13
	YEHCHANG	15	8	25	5	12	0.8	83	24
	HANKOW	16	8	24	0	12	1.4	111	22
	CHUNGKING	17	12	25	9	14	0.9	90	52
	CHIHKIANG	14	9	22	4	11	0.8	79	2
	WU HU	15	6	23	0	10	1	132	38
	SHANGHAI	14	7	22	1	10	1.5	78	-8
	NANCHANG	15	10	23	6	13	2	330	155
	TAIPEI	21	16	28	12	19	0	194	-2
	CANTON	22	15	27	9	19	0.8	177	91
	NANNING	20	15	31	11	18	0	166	109
COLOMB	BOGOTA	19	10	22	3	15	0.9	165	106
COTE D	ABIDJAN	32	27	33	24	29	1.3	32	-61
CUBA	HAVANA	28	16	31	10	22	-0.8	0	-48
CYPRUS	LARNACA	20	10	24	6	15	1.6	19	-23
CZECHR	PRAGUE	12	2	22	-3	7	3.4	34	5
DENMAR	COPENHAGEN	8	2	14	-3	5	2.2	24	-12
EGYPT	CAIRO	24	15	32	12	20	2.1	0	-6

Based on Preliminary Reports

March 2017

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
	ASWAN	30	15	35	12	22	0.7	0	0
ESTONI	TALLINN	4	-1	9	-7	1	2.3	36	1
ETHIOP	ADDIS ABABA	25	13	29	11	19	1.3	47	-20
F GUIA	CAYENNE	30	24	31	22	27	0.8	406	63
FIJI	NAUSORI	31	24	32	20	27	1.0	322	-67
FINLAN	HELSINKI	4	-2	12	-9	1	2.8	40	4
FRANCE	PARIS/ORLY	15	6	23	1	11	2.7	71	28
	STRASBOURG	16	4	25	0	10	3.7	37	0
	BOURGES	15	6	24	0	10	3.1	74	21
	BORDEAUX	17	8	26	3	12	3.1	67	-3
	TOULOUSE	17	6	23	2	12	2.6	76	23
	MARSEILLE	18	8	23	2	13	2.9	74	31
GABON	LIBREVILLE	31	26	32	23	28	1.2	499	94
GERMAN	HAMBURG	12	3	22	-3	7	2.9	70	7
	BERLIN	12	4	22	-2	8	3.1	49	7
	DUSSELDORF	14	5	24	-1	10	2.7	62	-6
	LEIPZIG	12	4	24	-2	8	3.7	43	7
	DRESDEN	12	4	23	-2	8	3.3	55	14
	STUTTGART	14	3	24	-2	9	3.3	50	6
	NURNBERG	13	3	24	-3	8	3.2	42	-2
	AUGSBURG	13	2	23	-4	7	2.7	31	-10
GREECE	THESSALONIKA	18	7	24	3	12	2.7	40	1
	LARISSA	18	5	25	-1	12	2.4	25	-12
	ATHENS	19	10	24	6	14	2.4	70	16
GUADEL	RAIZET	29	22	30	20	26	0.5	88	21
HONGKO	HONG KONG INT	24	18	28	13	21	2.0	47	-29
HUNGAR	BUDAPEST	15	5	23	-1	10	3.8	51	24
ICELAN	REYKJAVIK	5	0	9	-6	2	1.9	44	-39
INDIA	AMRITSAR	27	12	35	6	19	0.7	25	-14
	NEW DELHI	31	16	39	9	23	1.1	16	1
	AHMEDABAD	36	20	43	10	28	0.7	0	******
	INDORE	34	18	40	10	26	0.4	0	-1
	CALCUTTA	33	22	36	16	27	0.1	35	-6
	VERAVAL	32	21	37	16	26	1.1	0	******
	BOMBAY	33	21	38	15	27	0.0	0	******
	POONA	36	16	40	10	26	0.1	0	-1
	BEGAMPET	37	22	41	17	29	0.6	8	-6
	VISHAKHAPATNAM	32	25	33	22	29	0.7	21	11
	MADRAS	35	24	37	20	29	1.0	0	-5
	MANGALORE	34	23	38	21	29	-0.1	0	-5
INDONE	SERANG	32	24	36	23	28	0.9	111	-75
IRELAN	DUBLIN	11	5	16	-2	8	1.4	67	13
ITALY	MILAN	18	7	24	2	12	3.4	36	-27
	VENICE	16	6	23	3	11	2.8	28	-20
	GENOA	17	11	24	8	14	1.8	32	-52
	ROME	18	7	23	2	12	1.2	24	-36
	NAPLES	18	9	23	4	13	2.2	31	-47
JAMAIC	KINGSTON	31	23	31	20	27	0.5	31	6
JAPAN	SAPPORO	4	-1	10	-6	2	1.5	78	-3
	NAGOYA	14	4	20	1	9	0.7	76	-39
	TOKYO	13	5	19	0	9	0.0	86	-29
	YOKOHAMA	13	6	18	2	9	0.3	92	-56
	KYOTO	13	4	21	0	9	-0.1	57	-65
	OSAKA	14	6	20	2	10	0.6	48	-52
KAZAKH	KUSTANAY	-2	-11	4	-21	-6	2.2	12	-3
	TSELINOGRAD	-2	-11	5	-18	-6	2.3	15	-15
	KARAGANDA	-3	-11	6	-22	-7	0.4	27	9
KENYA	NAIROBI	30	16	32	12	23	2.0	10	-55
LITHUA	KAUNAS	7	1	13	-3	4	3.7	56	19
LUXEMB	LUXEMBOURG	13	5	21	0	9	4.0	46	-21
MALAYS	KUALA LUMPUR	33	25	36	24	29	1.7	224	-12
MALI	BAMAKO	40	24	45	15	32	1.3	34	32
MARSHA	MAJURO	30	27	31	24	28	0.9	333	129
MARTIN	LAMENTIN	30	23	32	21	26	1.2	127	49
MAURIT	NOUAKCHOTT	35	19	45	15	27	2.9	0	-1
MEXICO	GUADALAJARA	27	13	32	9	20	1.1	1	-5
	TLAXCALA	24	8	29	4	16	0.3	41	35
	ORIZABA	24	14	32	10	19	1.2	119	86
MOROCC	CASABLANCA	20	12	29	7	16	0.9	13	-27
	MARRAKECH	24	11	33	6	17	1.1	20	-19
MOZAMB	MAPUTO	33	22	36	18	28	1.9	55	-43
N KORE	PYONGYANG	11	-1	17	-7	5	1.4	12	-18
NEW CA	NOUMEA	30	24	33	21	27	1.3	18	-130
NIGER	NIAMEY	41	24	44	19	33	1.5	0	-3
NORWAY	OSLO	5	-2	19	-9	1	2.7	36	-21
NZEALA	AUCKLAND	23	17	26	12	20	*****	261	******
	WELLINGTON	19	14	24	10	16	*****	110	******
P RICO	SAN JUAN	29	23	32	22	26	0.3	154	99
PAKIST	KARACHI	33	21	38	14	27	2.1	0	-11
PERU	LIMA	30	23	33	22	26	3.4	0	0
PHILIP	MANILA	33	25	35	23	29	0.1	5	-12
PNEWGU	PORT MORESBY	31	25	34	23	28	1.1	316	128
POLAND	WARSAW	10	3	21	-2	7	3.9	47	18
	LODZ	10	2	21	-3	6	3.1	57	20
	KATOWICE	11	2	20	-3	6	2.9	55	11
PORTUG	LISBON	18	11	27	5	15	0.6	85	4
ROMANI	BUCHAREST	15	3	23	-4	9	3.7	51	12
RUSSIA	ST.PETERSBURG	4	-1	8	-7	2	2.8	36	3
	KAZAN	2	-4	6	-10	-1	3.7	17	-6
	MOSCOW	6	-1	11	-6	3	4.1	65	32
	YEKATERINBURG	3	-6	7	-12	-1	2.7	14	-2
	OMSK	0	-11	6	-21	-5	2.8	21	7
	BARNAUL	2	-10	12	-18	-4	3.6	10	-6
	KHABAROVSK	1	-9	9	-22	-4	2.4	6	-12
	VLADIVOSTOK	4	-3	10	-11	1	2.6	15	-8
	VOLGOGRAD	8	-1	13	-6	4	4.6	20	-3
	ASTRAKHAN	10	1	17	-4	5	3.5	33	18
	ORENBURG	-1	-9	3	-17	-5	1.2	12	-8
S AFRI	JOHANNESBURG	25	14	28	9	19	1.1	49	-52
	DURBAN	28	21	32	16	24	0.4	54	-72
	CAPE TOWN	27	15	38	10	21	1.4	8	-12
S KORE	SEOUL	12	2	19	-5	7	1.1	8	-43
SAMOA	PAGO PAGO	32	26	33	24	29	1.0	144	-140
SENEGA	DAKAR	25	19	29	18	22	1.1	0	0
SPAIN	VALLADOLID	17	4	26	-1	11	2.1	7	-17
	MADRID	18	5	26	0	11	0.7	19	3
	SEVILLE	21	10	28	4	16	0.0	57	30
SWITZE	ZURICH	14	4	21	0	9	3.8	64	-4
	GENEVA	15	4	22	-2	9	3.2	61	-4
SYRIA	DAMASCUS	19	6	24	2	13	1.7	27	6
TAHITI	PAPEETE	32	25	33	23	28	1.0	245	68
TANZAN	DAR ES SALAAM	33	25	36	24	29	1.8	110	-23
THAILA	PHITSANULOK	36	24	38	21	30	0.2	78	49
	BANGKOK	35	27	38	25	31	1.5	107	76
TOGO	LOME	33	28	34	24	30	2.4	0	-70
TRINID	PORT OF SPAIN	33	23	35	20	28	1.5	37	6
TUNISI	TUNIS	20	11	24	6	15	1.9	8	-33
TURKEY	ISTANBUL	14	7	23	2	11	2.9	38	-17
	ANKARA	13	0	20	-5	7	2.8	27	-13
TURKME	ASHKHABAD	16	6	29	-1	11	1.2	38	-4
UKINGD	ABERDEEN	11	3	17	-2	7	1.7	30	-31
	LONDON	14	7	22	3	11	2.8	26	-16
UKRAIN	KIEV	10	3	18	-1	6	5.1	18	-17
	LVOV	10	2	20	-5	6	4.1	37	-1
	KIROVOGRAD	12	1	20	-4	6	5.2	9	-25
	ODESSA	10	4	21	1	7	4.1	10	-18
	KHARKOV	10	1	15	-4	5	5.4	27	-3
UZBEKI	TASHKENT	14	4	25	-3	9	0.5	50	-15
YUGOSL	BELGRADE	16	7	26	1	12	4.3	25	-22
ZAMBIA	LUSAKA	25	18	29	14	22	-1.3	49	-94
ZIMBAB	KADOMA	27	16	29	13	22	-2.3	96	5

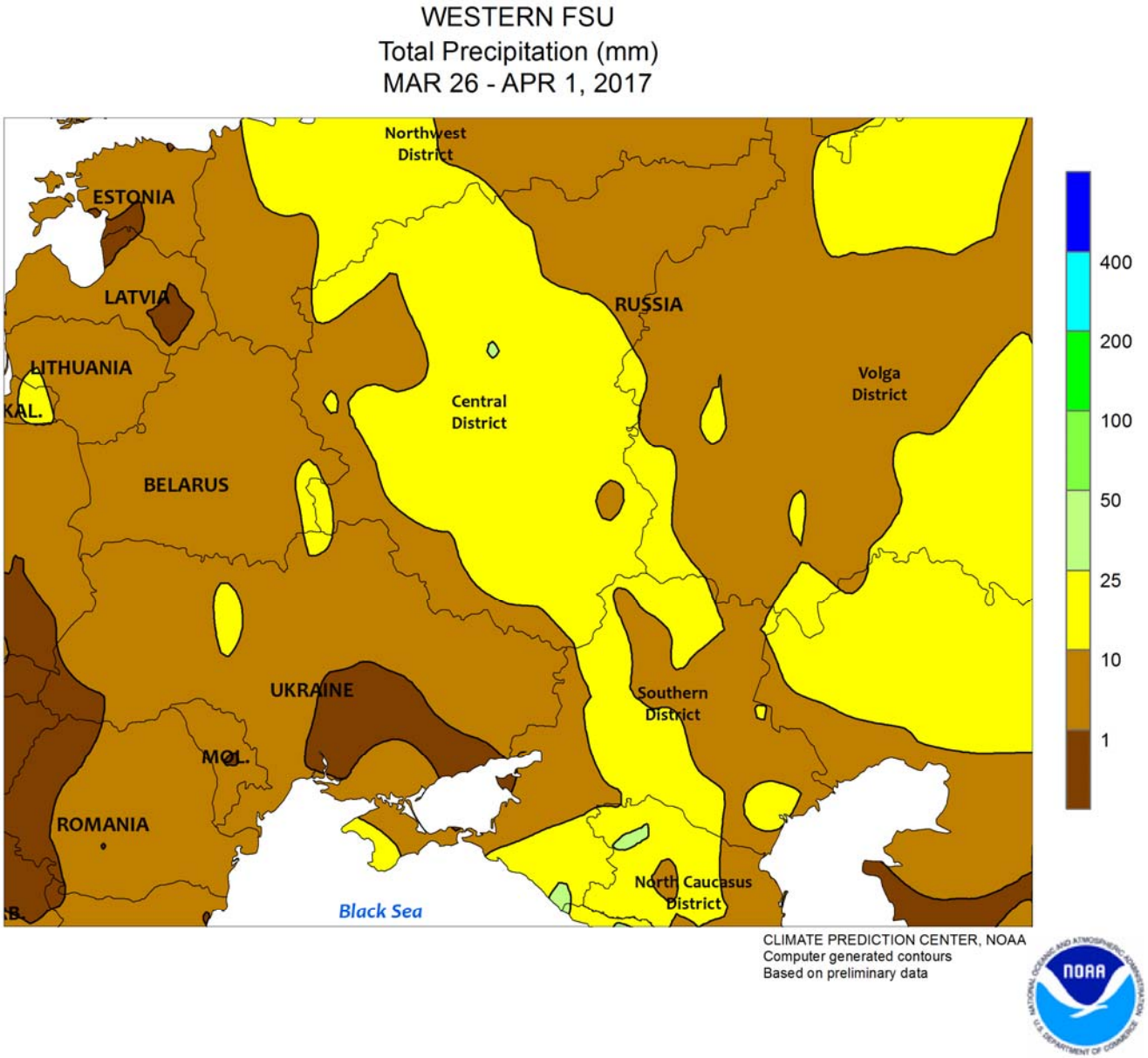
Based on Preliminary Reports



EUROPE

Dry, warm weather promoted winter crop development as well as seasonal fieldwork over much of the continent. With soil moisture supplies currently favorable over most major winter crop areas of northern and eastern Europe, sunny skies and above-normal temperatures (4-8°C above normal) favored the development of vegetative wheat and rapeseed from northern France and southeastern England into eastern Europe. Furthermore, producers were able to plant small grains at a rapid pace, particularly from the Low Countries into the Baltic States. Likewise, dry conditions over the Mediterranean coastal areas allowed citrus harvesting to gain momentum, while light to moderate showers (2-18 mm) increased topsoil moisture in northern Italy for corn planting. Farther west, widespread showers (2-20 mm, locally more) over central and western Spain were timely for vegetative to reproductive wheat and barley, while locally more than 20 mm of rain in southwestern France boosted soil moisture for corn and sunflower planting (typically sown during the latter half of April).

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



WESTERN FSU

Favorable showers in Russia contrasted with increasing short-term drought in central Ukraine. Rain (and wet snow) sustained ample moisture supplies for winter wheat development over most of southern and western Russia. Precipitation totaled 5 to 30 mm, though amounts were less (1-5 mm) in southwestern portions of the Southern District. In Ukraine, key wheat areas in central and southern portions of the country remained dry (2 mm or less), increasing concerns over short-term drought; precipitation over the past 60 days has totaled less than 50 percent of normal in many key wheat areas of south-central Ukraine. In contrast, moisture supplies remained favorable across the western third of Ukraine and neighboring Belarus and Moldova, maintaining favorable conditions for corn and soybean sowing (typically planted in late April and early May). Likewise, light showers (2-8 mm) in eastern Ukraine sustained moisture reserves for upcoming sunflower planting (first half of May).

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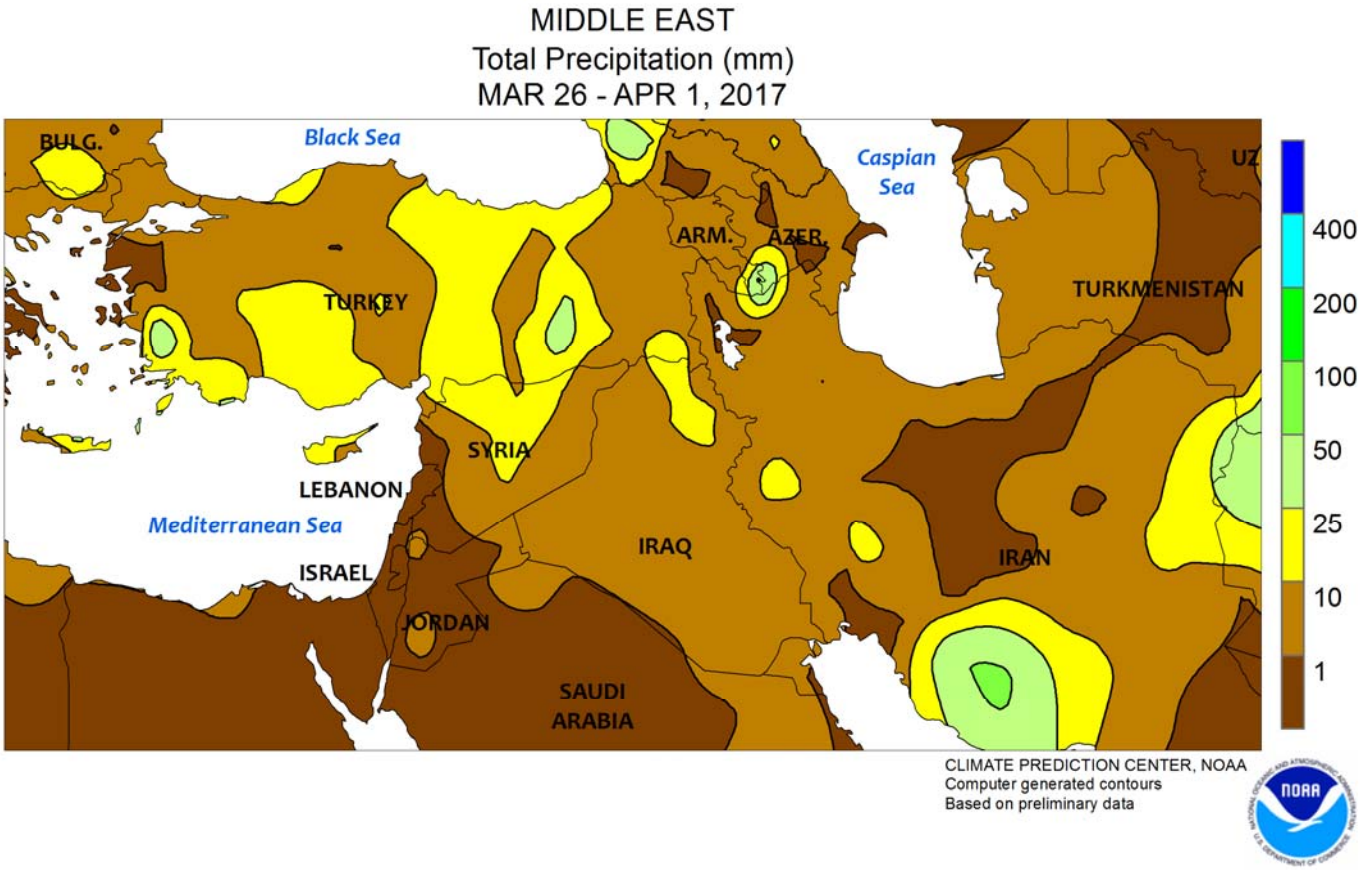

MIDDLE EAST

Widespread showers maintained overall favorable winter grain prospects across the region, though southeastern portions of the Mediterranean Coast remained dry. Rainfall totals were highly variable, with some areas reporting less than 2 mm while others reported 50 mm or more. Nevertheless, soil moisture was in good supply for vegetative (north) to reproductive (south) wheat and barley in Turkey, Iraq, and Iran. In contrast, mostly dry weather prevailed from coastal Syria into Jordan, maintaining high irrigation demands as crops advanced through the reproductive phases of development.

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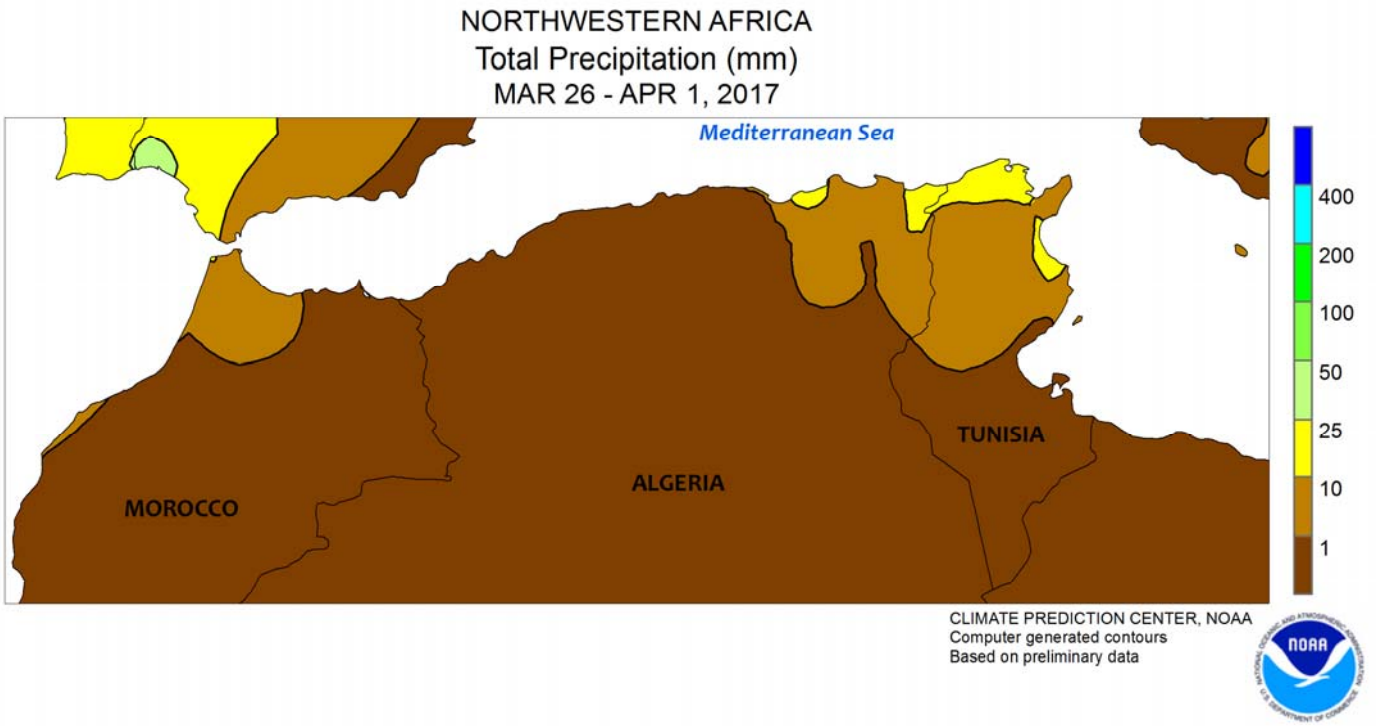

NORTHWESTERN AFRICA

Dry weather settled over northern Africa, though early-week showers fell in eastern portions of the region. In Morocco — where winter wheat was flowering to filling — sunny skies and near-normal temperatures sustained good to excellent yield prospects for flowering to filling winter wheat and barley. Farther east, light to moderate showers (2-15 mm) in northern Tunisia were timely for reproductive winter grains. In Algeria, conditions remained mixed; sunny skies and near-normal temperatures maintained favorable prospects for vegetative to reproductive wheat and barley in western growing areas, while early-week showers (2-10 mm) provided some soil moisture for winter crops stressed by late-winter and early-spring dryness in the northeastern corner of the country.

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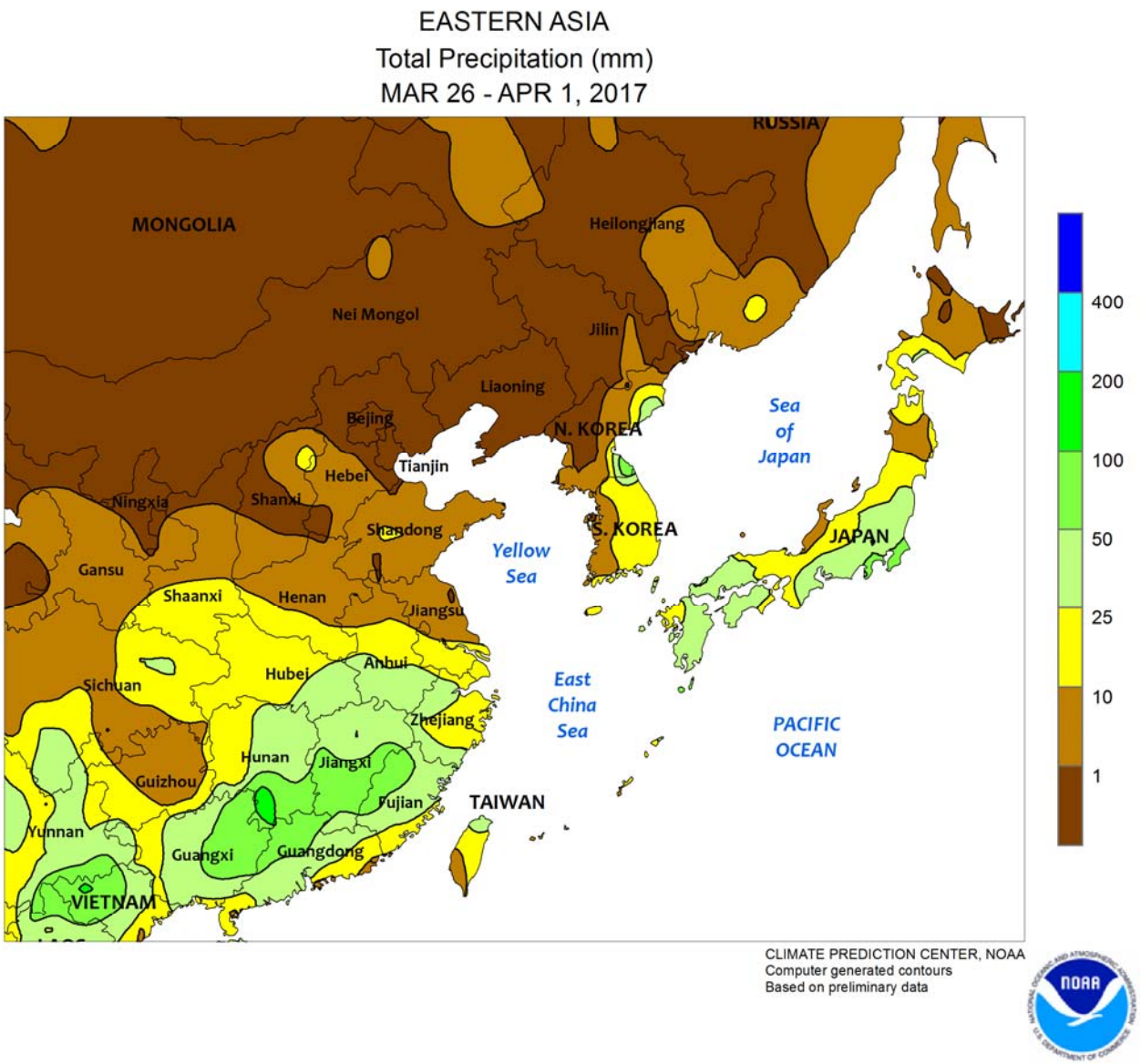

EASTERN ASIA

Heavy showers (25-100 mm) continued to keep vegetative early-crop rice well watered in southeastern China while also increasing irrigation reserves. Following a drier-than-normal winter, spring rainfall has been near to well above normal across the southeast. In the Yangtze Valley, rainfall for the week totaled as much as 50 mm, maintaining favorable soil moisture for reproductive rapeseed. Meanwhile, early-week light showers (1-10 mm) on the North China Plain aided wheat nearing reproduction, but more rain would be welcome; spring rainfall totals have been below normal in some southern sections. Temperatures were 1 to 3°C above normal throughout most eastern growing areas, promoting development of crops.

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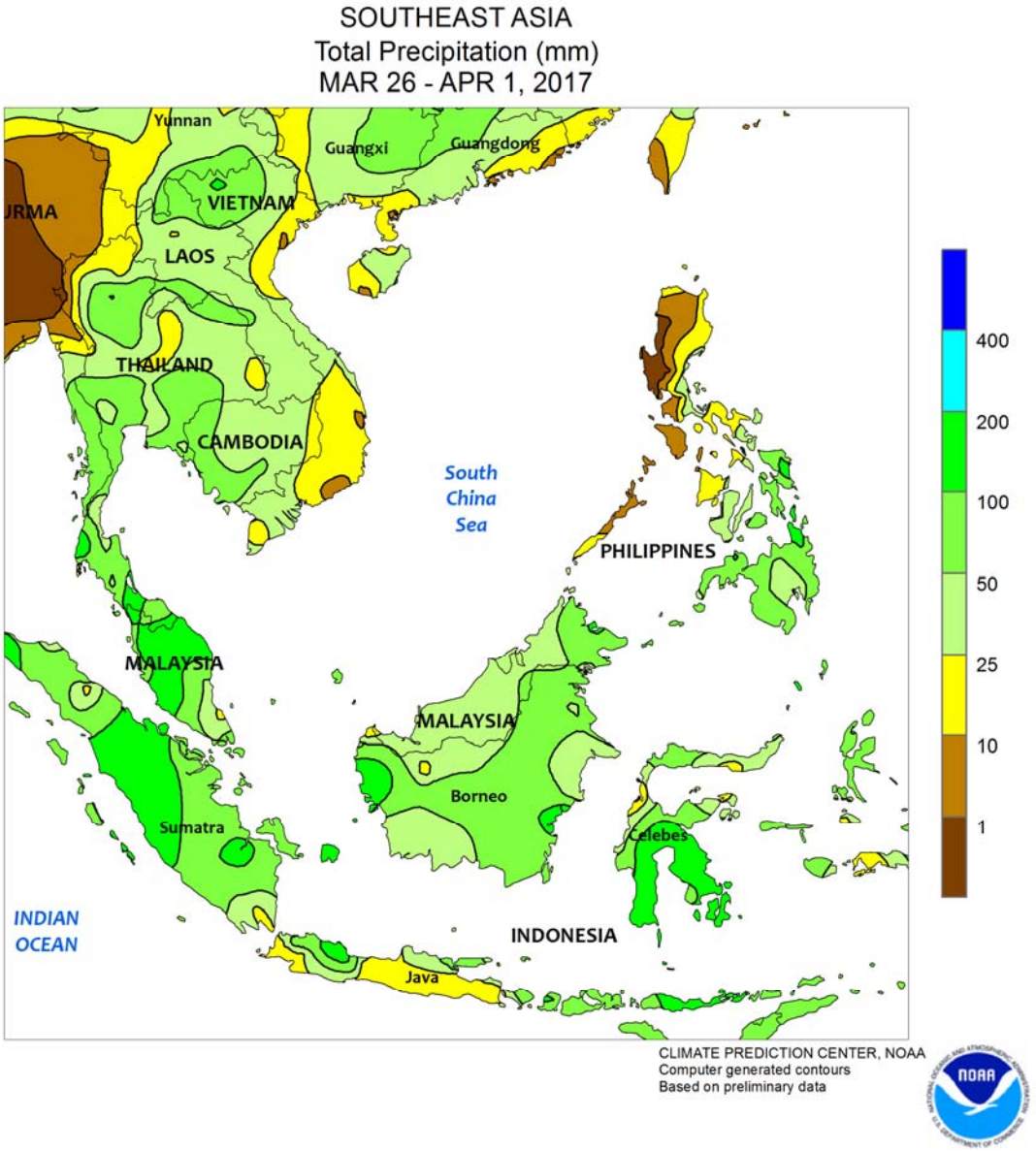

SOUTHEAST ASIA

Unusually wet weather prevailed in Thailand, where 25 to nearly 100 mm of rain increased irrigation reserves and provided spring-sown rice beneficial moisture. Typically in Thailand, heat builds prior to the onset of the wet-season in May, with only isolated showers occurring. Similar conditions were reported in Laos and the northern half of Vietnam, where irrigated rice benefited from unexpected spring rainfall. In the Philippines, 10 to 25 mm (locally more) in eastern Luzon and 25 to 100 mm in the southern regions kept spring-sown rice well watered. Farther south, rainfall increased across Malaysia and neighboring portions of Indonesia, where 25 to over 100 mm maintained good soil moisture for oil palm. Meanwhile, drier conditions occurred in Java, Indonesia, where wet-season rice harvesting continued and moisture conditions remained favorable for spring-sown varieties.

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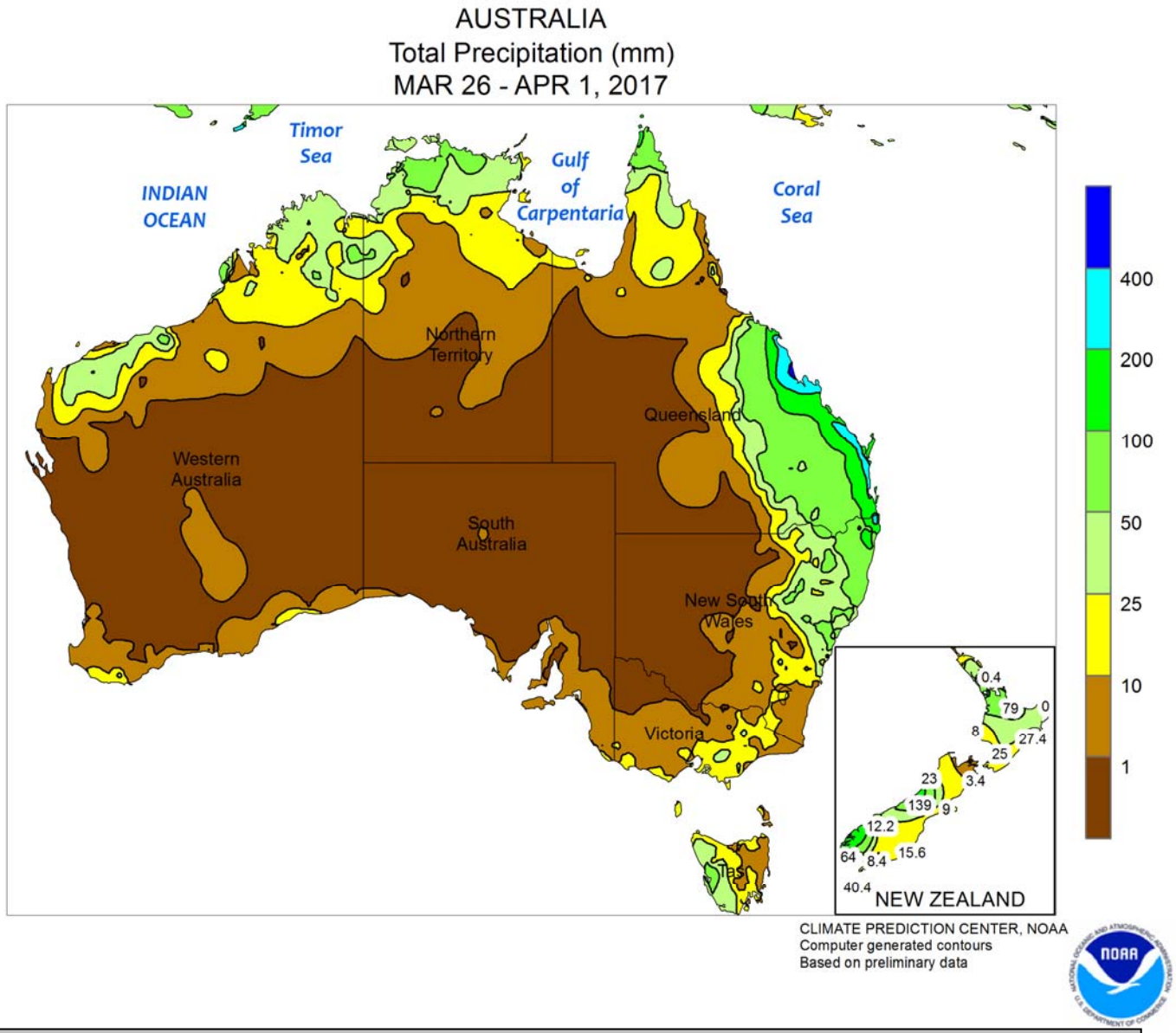

AUSTRALIA

On Tuesday, March 28, Tropical Cyclone Debbie made landfall near Mackay, Queensland with maximum sustained winds of 100 kts (115 mph) and gusts near 140 kts (161 mph). The strong winds caused some damage to sugarcane and other crops near the coast, while torrential rains (more than 400 mm) triggered severe local flooding. After landfall, the cyclone weakened rapidly while traveling southwest over interior Queensland. The remnants of Debbie eventually moved south on Wednesday and then southeast on Thursday, producing flooding rains (75-200 mm, locally near 400 mm) along coastal sections of southern Queensland and northern New South Wales. Farther inland, soaking rains (25-75 mm) delayed summer crop drydown and harvesting, but flooding was generally more isolated and less severe. Although the rainfall was unfavorable for maturing summer crops the rain did have benefits, further filling the soil moisture profile in advance of upcoming winter wheat planting. Temperatures in eastern Australia averaged about 2 to 4ºC above normal for the week. Very warm weather dominated the first half, with daily maximum temperatures generally in the lower to middle 30s degrees C. In the wake of Debbie, however, daily maximum temperatures were much cooler, generally in the lower to middle 20s degrees C.

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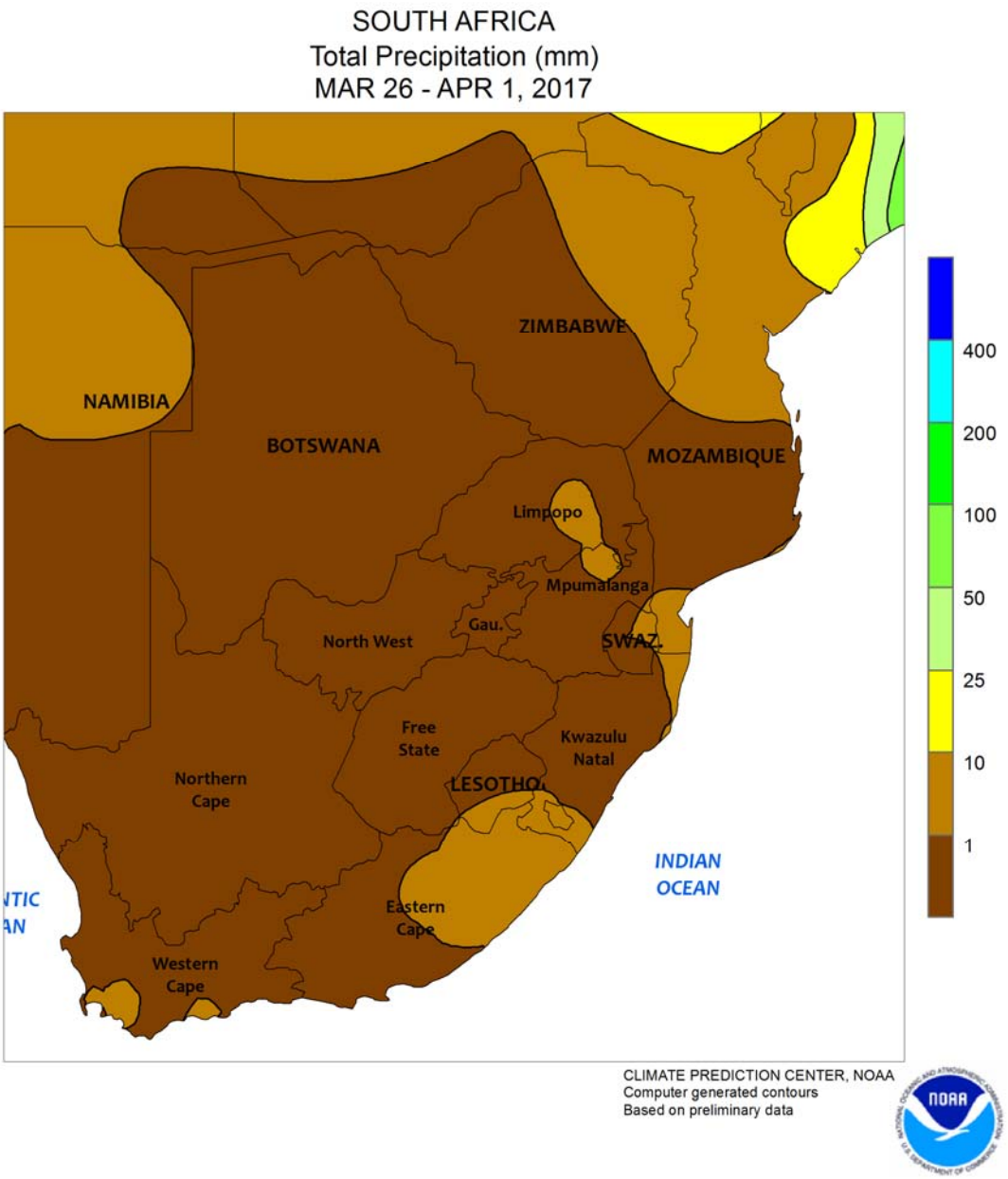

SOUTH AFRICA

A warm, dry air mass dominating a large section of southern Africa fostered rapid maturation of corn and other summer crops. Virtually no rain fell in major agricultural areas of South Africa, which have experienced below-normal levels of precipitation since the beginning of March. Weekly temperatures averaged near to above normal as well, with daytime highs reaching the lower to middle 30s (degrees C) — locally higher — across the corn belt (North West and Free State to Mpumalanga). While conditions spurred rapid development of corn and other generally well-watered summer crops toward maturation, additional rain would have been welcomed for rain-fed sugarcane in KwaZulu-Natal which has experienced below-normal levels of moisture for most of the season. In Western Cape, the continuation of warmth and dryness benefited maturing tree and vine crops.

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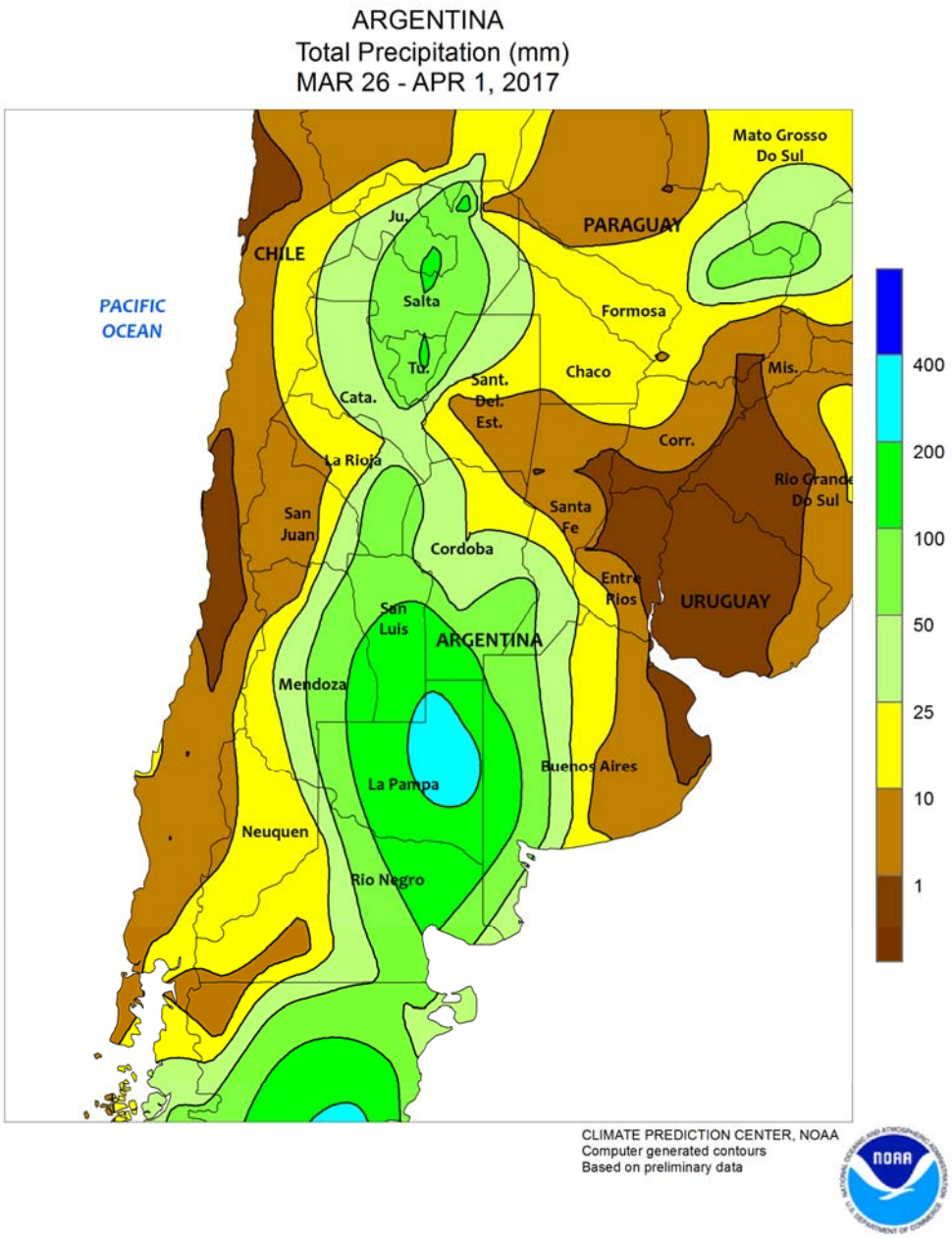
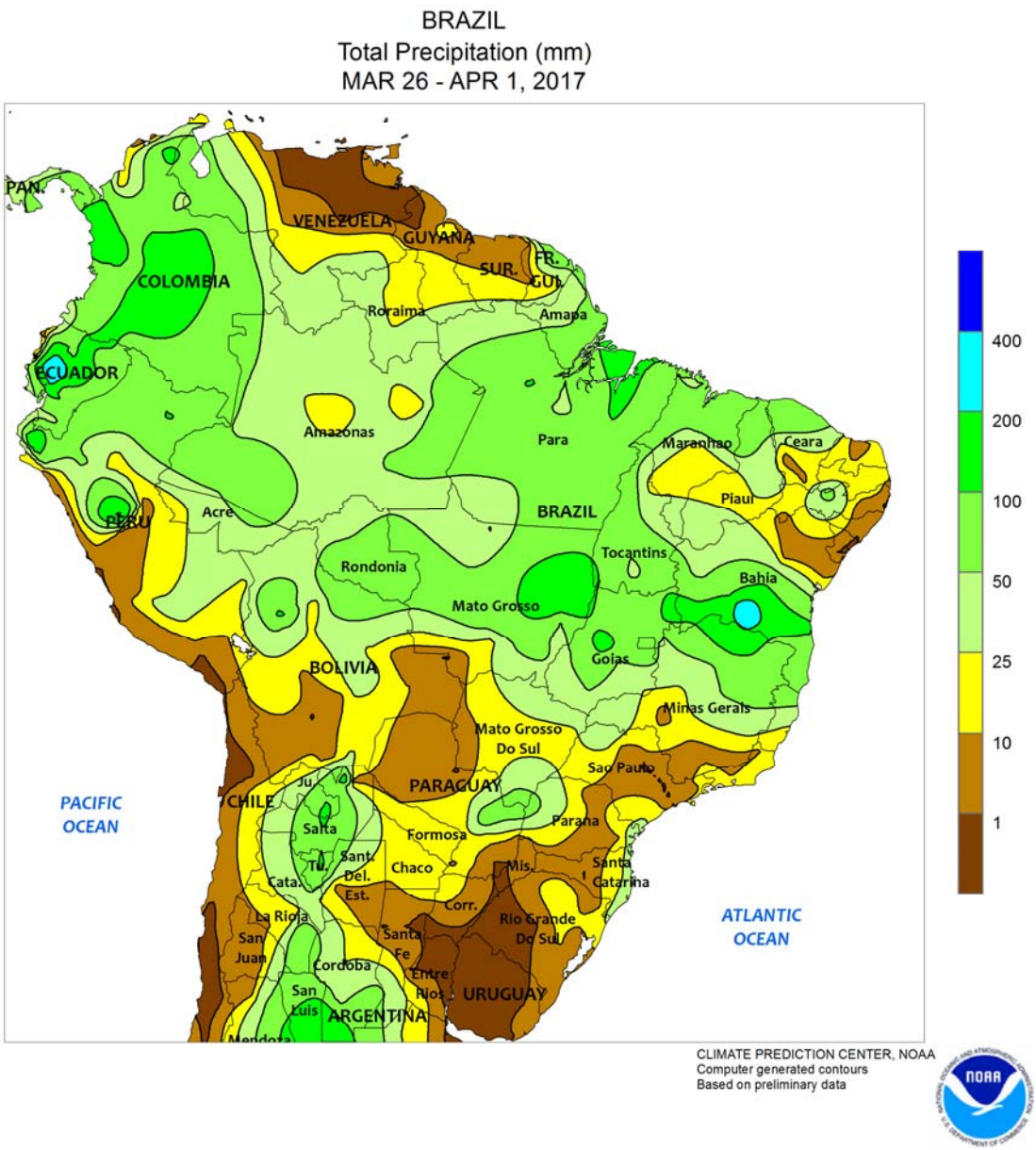


ARGENTINA

Several days of heavy rain brought renewed flooding to some southwestern farming districts. Rainfall totaling more than 100mm was concentrated over La Pampa, southern Cordoba, and San Luis, with amounts reportedly exceeding 200 mm in La Pampa. Less intense, albeit still above normal, rain (25-100 mm) fell from western Buenos Aires northward through Salta, giving some western farming areas a needed boost in moisture following several weeks of dryness. Drier conditions prevailed in eastern agricultural districts (central and eastern Buenos Aires northward to eastern sections of Formosa), aiding drydown and early harvesting of summer grains, oilseeds, and cotton. Weekly temperatures averaged 2 to 5°C above normal, with most areas recording several days of highs in the upper 20s and lower 30s (degrees C); the unusual autumn warmth allowed a late-season surge in growth to later-planted corn and soybeans and aided the drying process for the north's maturing cotton. Harvesting reached 82 percent in Buenos Aires — Argentina's largest producer of sunseed — as of March 30 versus 93 percent last year.

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



BRAZIL

Widespread, locally heavy showers maintained overall favorable conditions for corn and cotton in key central and northeastern production areas. Rainfall totaling more than 50 mm spanned a broad area stretching from Mato Grosso eastward through Bahia and northern sections of Minas Gerais; most other northern farming areas received at least 25 mm. Weekly temperatures averaging 1 to 2°C above normal (daytime highs mostly reaching the lower and middle 30s degrees C) maintained rapid growth rates of crops developing with adequate to abundant levels of moisture. Somewhat drier conditions prevailed farther south, including sugarcane areas of Sao Paulo that have been trending dry since the early part of March. For a second consecutive week, little to no rain fell from southern Parana to Rio Grande do Sul, favoring maturing soybeans but reducing moisture in spots for second-crop corn. According to government reports, 10 percent of Parana's corn was in the flowering to filling stages of development as of March 27.

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

U.S. Prospective Planting Highlights

The following information was released by USDA's Agricultural Statistics Board on March 31, 2017.

Corn planted area for all purposes in 2017 is estimated at 90.0 million acres, down 4 percent, or 4.0 million acres, from last year (figure 1). Compared with last year, planted acreage is expected to be down or unchanged in 38 of the 48 estimating states.

Soybean planted area for 2017 is estimated at a record-high 89.5 million acres, up 7 percent from last year. Compared with last year, planted acreage intentions are up or unchanged in 27 of the 31estimating states.

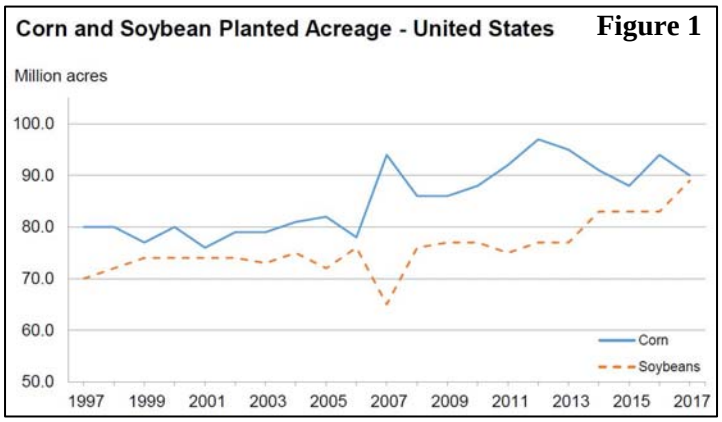
All wheat planted area for 2017 is estimated at 46.1 million acres, down 8 percent from 2016. This represents the lowest total U.S. planted area since records began in 1919.

The 2017 winter wheat planted area, at 32.7 million acres, is down 9 percent from last year but up 1 percent from the previous estimate. Of this total, about 23.8 million acres are Hard Red Winter; 5.53 million acres are Soft Red Winter; and 3.38 million acres are White Winter.

Area planted to other spring wheat for 2017 is estimated at 11.3 million acres, down 3 percent from 2016. Of this total, about 10.6 million acres are Hard Red Spring wheat.

The intended Durum planted area for 2017 is estimated at 2.00 million acres, down 17 percent from the previous year.

All cotton planted area for 2017 is estimated at 12.2 million acres, 21 percent above last year. Upland area is estimated at 12.0 million acres, up 21 percent from 2016. American Pima area is estimated at 232,000 acres, up 19 percent from 2016.



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