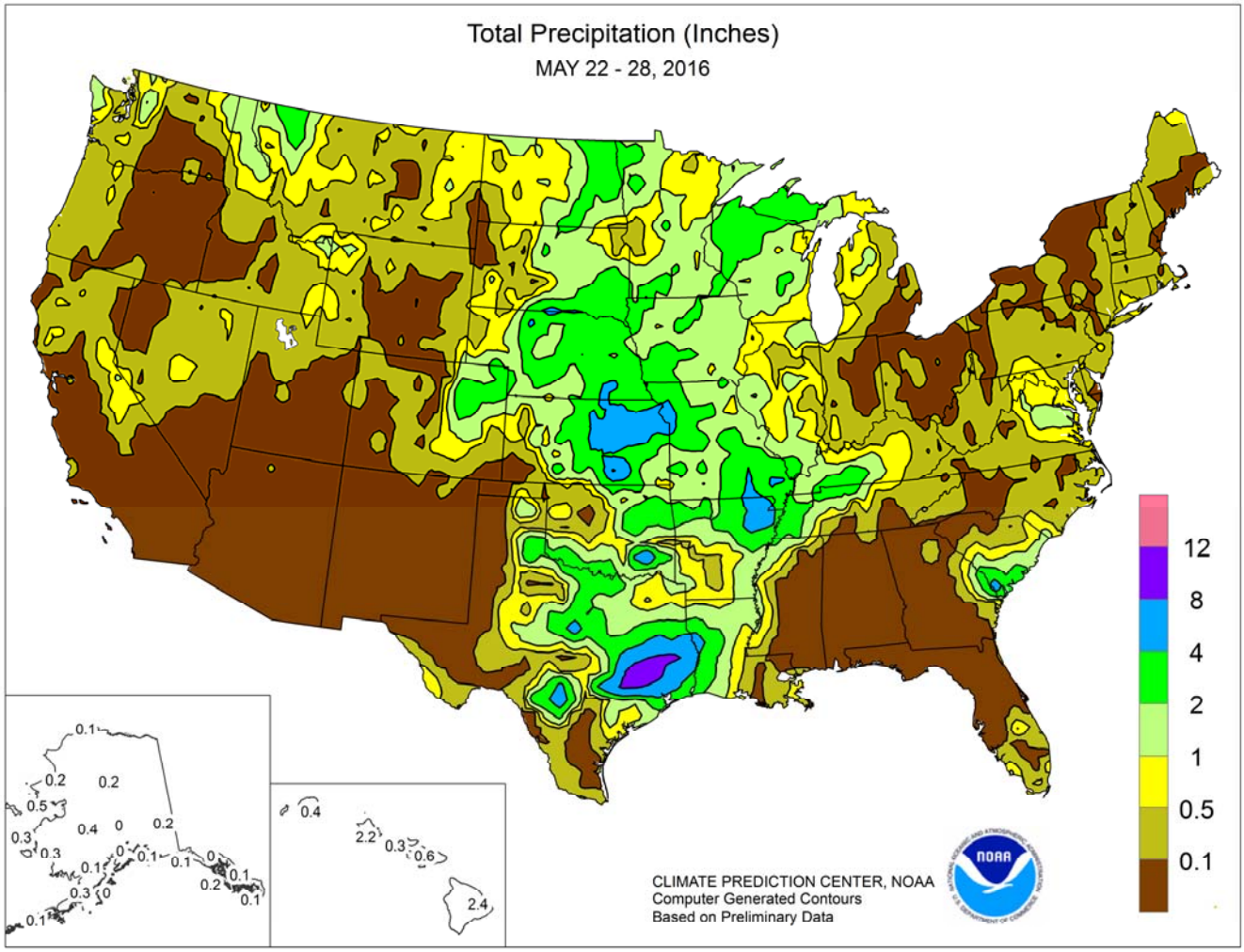
Volume 103, No. 22 http://www.usda.gov/oce/weather June 1, 2016

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

May 22 – 28, 2016

Highlights provided by USDA/WAOB

A nearly stationary trough of low pressure over the **West** helped to focus heavy showers and locally severe thunderstorms across the **nation's mid-section**. The heaviest rain stretched from the **eastern Plains into the western Corn Belt and mid-South**, slowing fieldwork but maintaining abundant moisture reserves for pastures and summer crops. However, chronically wet weather was a concern across portions of the **southern Plains** with respect to disease pressure and harvest delays for winter wheat. Furthermore, locally inundating rainfall in **eastern**

(Continued on page 5)

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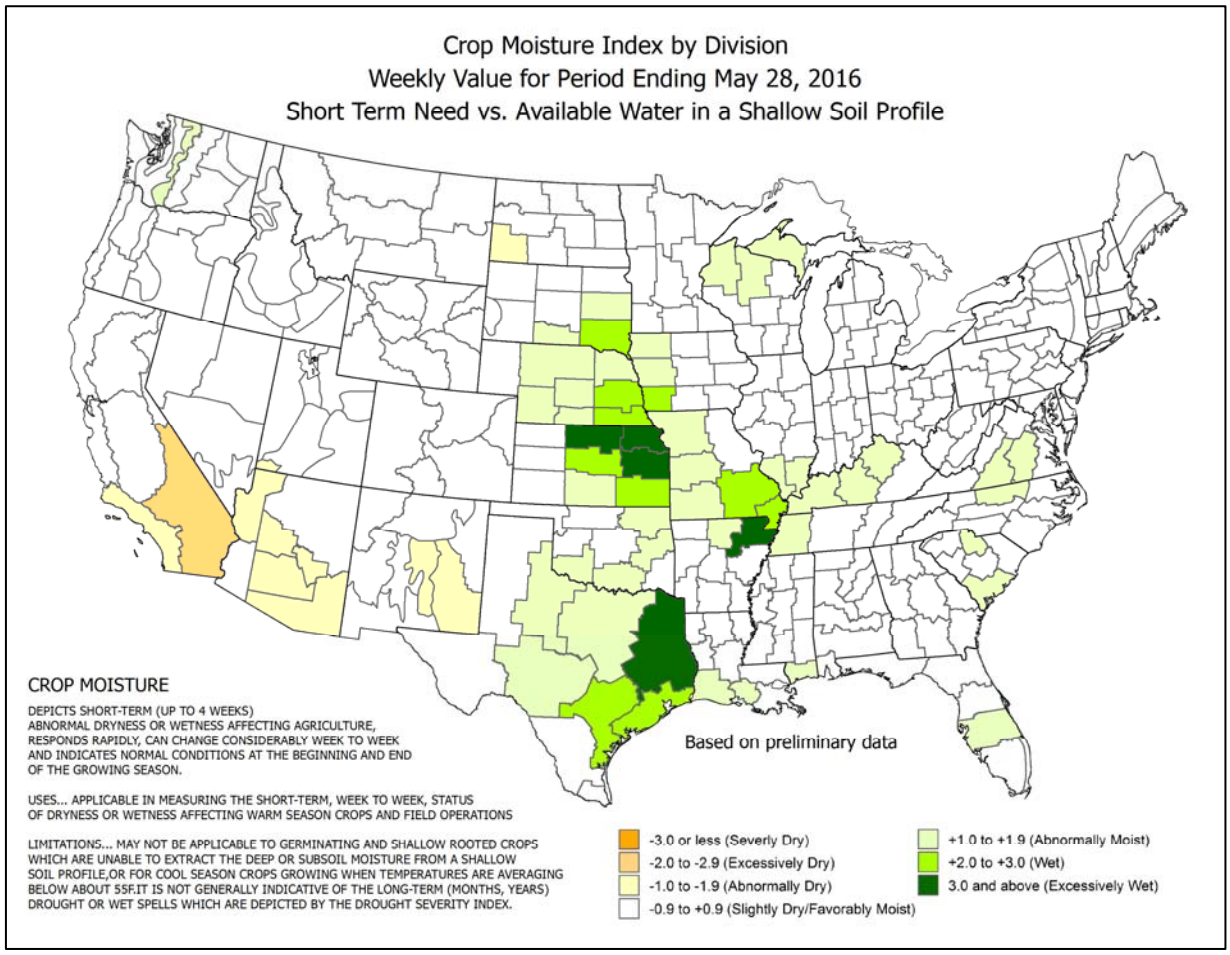
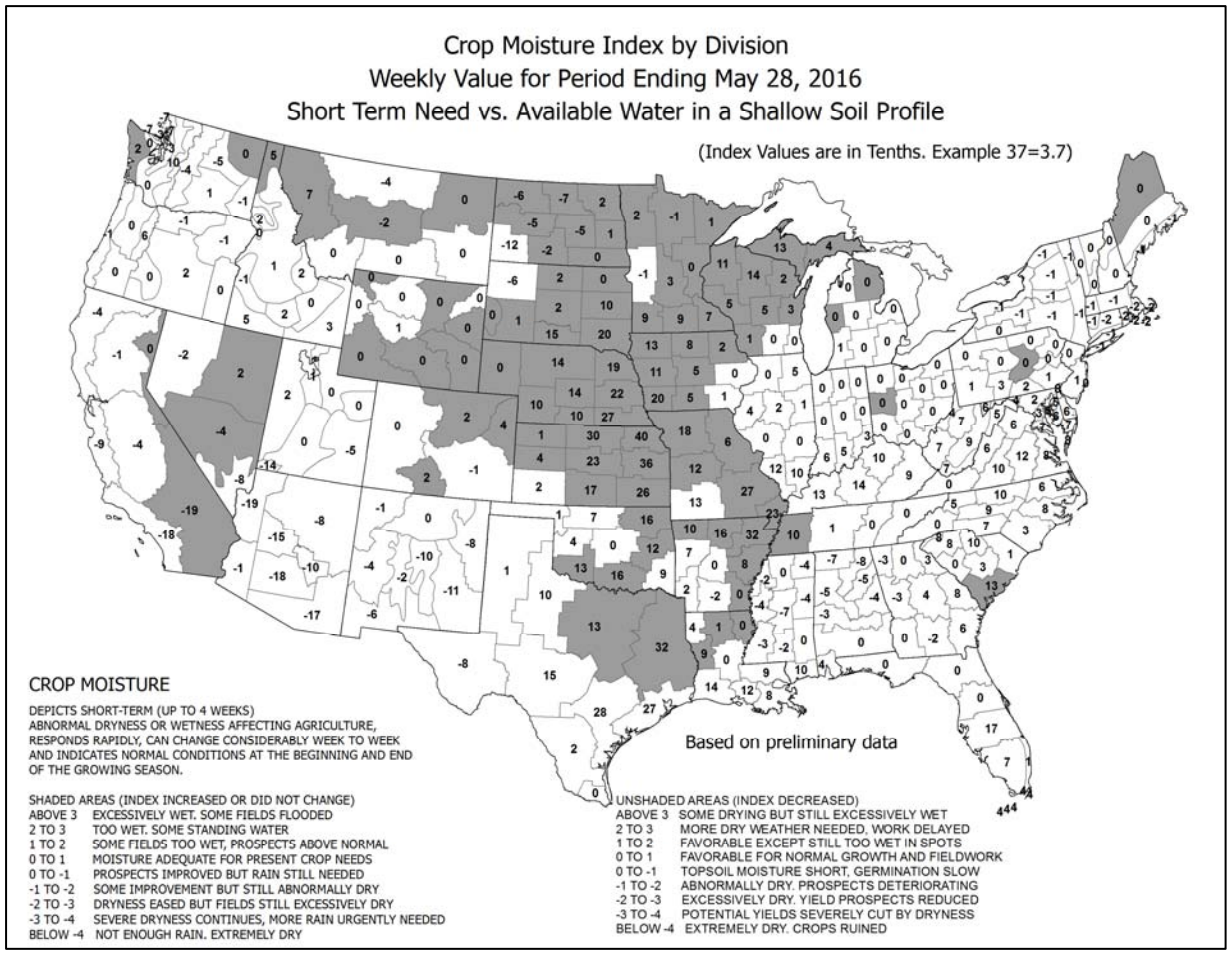
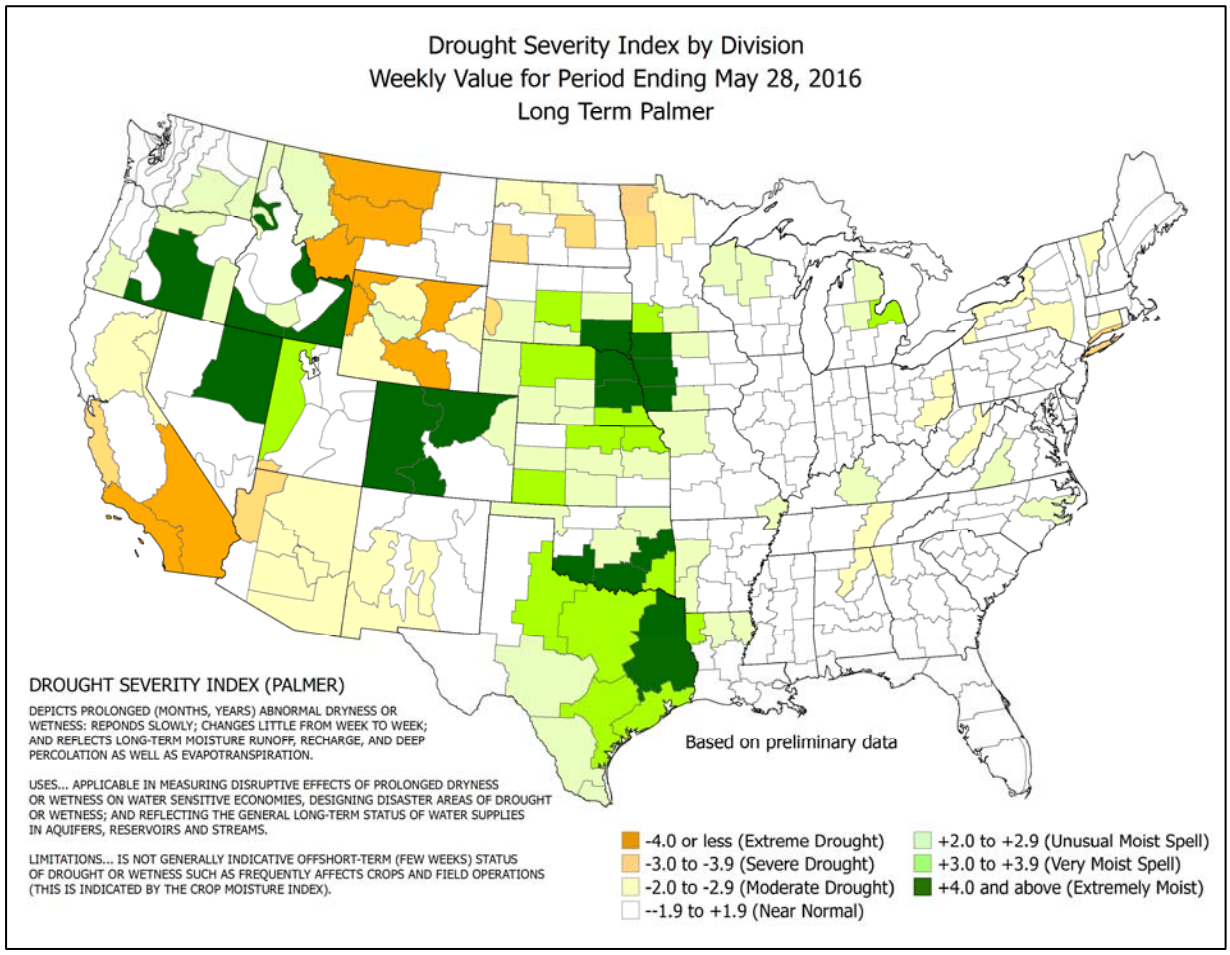
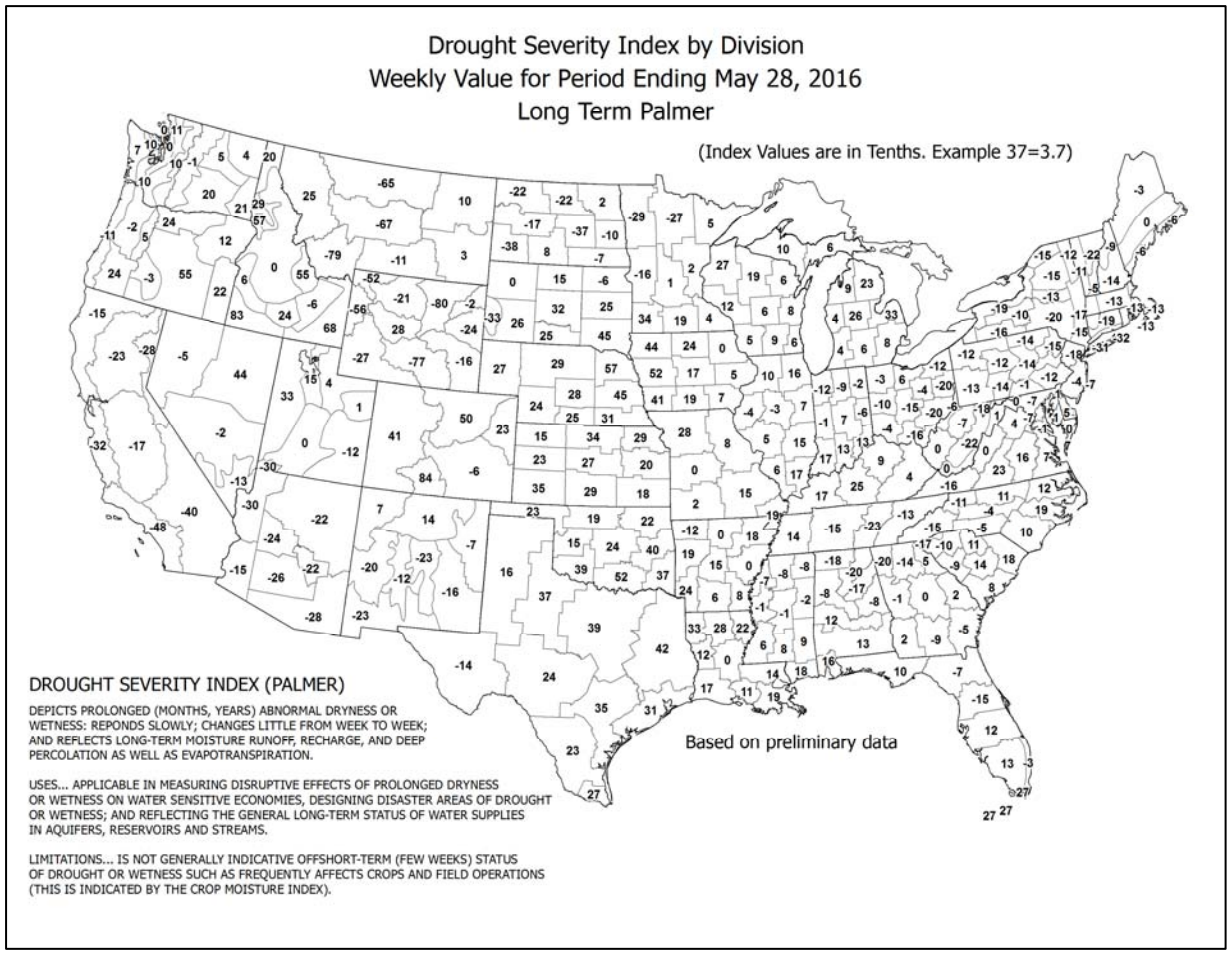

Crop Moisture Index by Division
Weekly Value for Period Ending May 28, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES 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 May 28, 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.
Based on preliminary data
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


Drought Severity Index by Division
Weekly Value for Period Ending May 28, 2016
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
-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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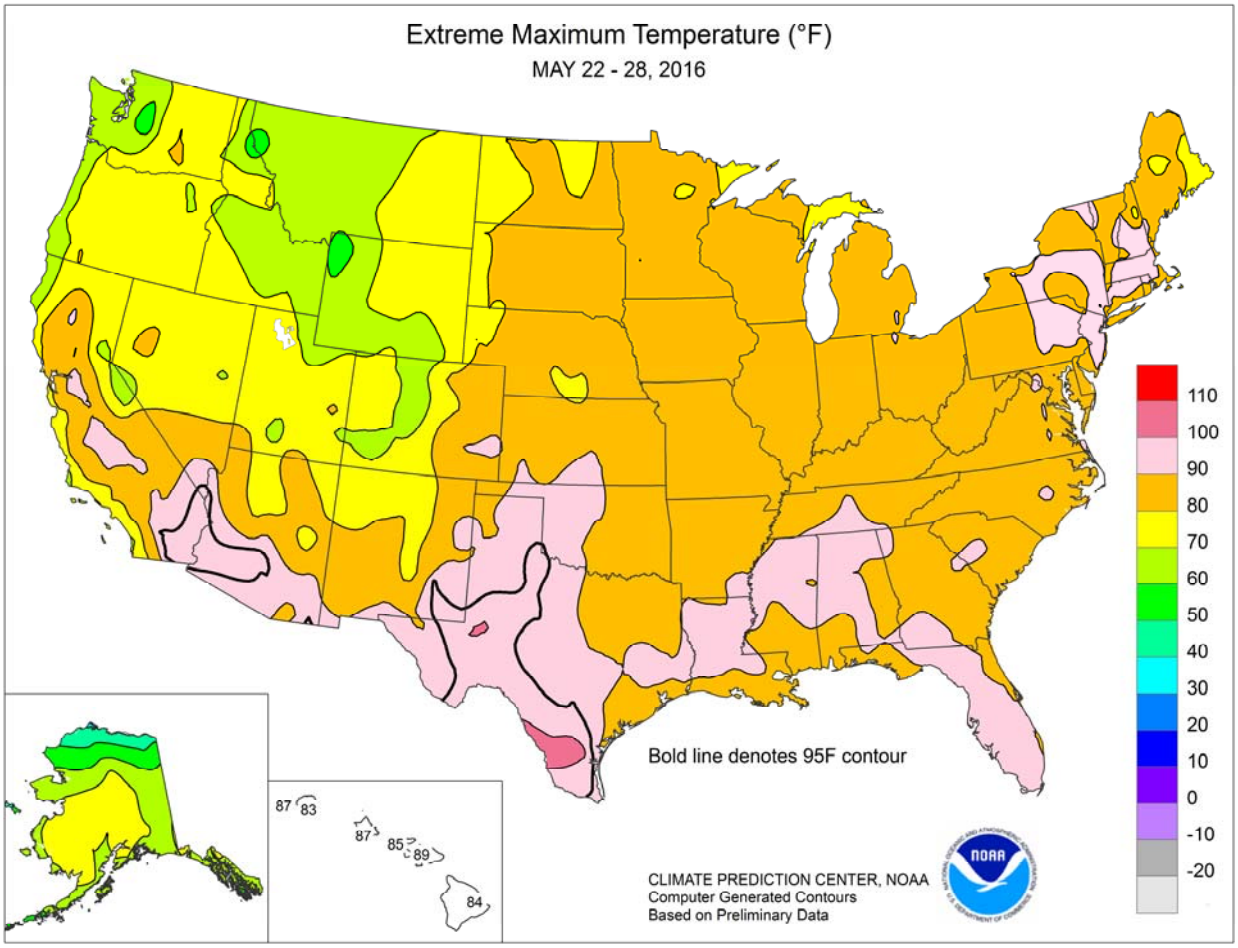
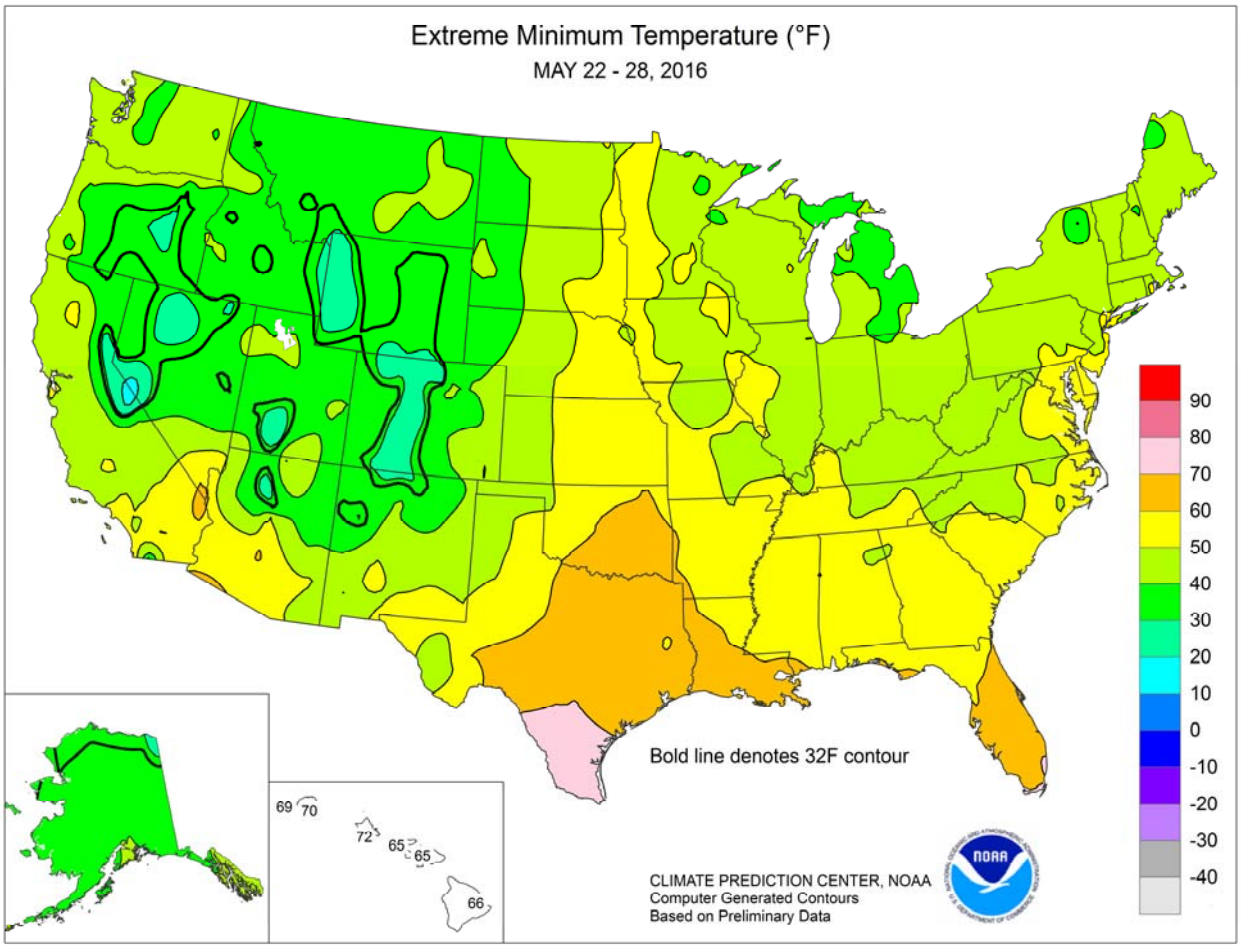
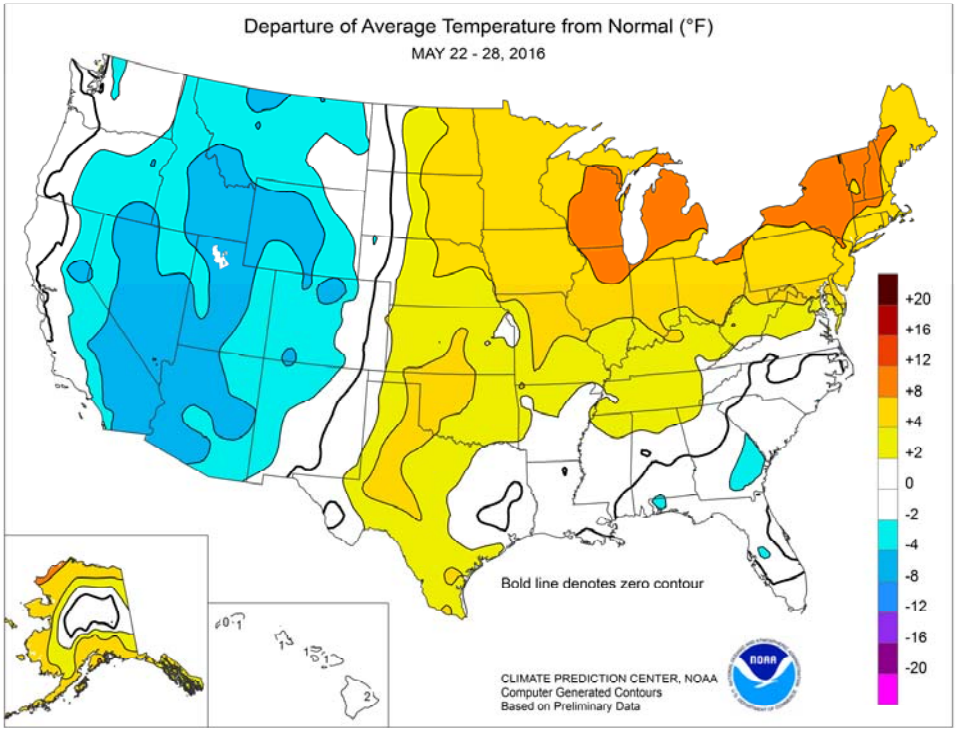
Based on preliminary data


Extreme Maximum Temperature (°F)
MAY 22 - 28, 2016
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
87
83
87
85
89
84
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
MAY 22 - 28, 2016
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
69
70
72
65
65
66
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

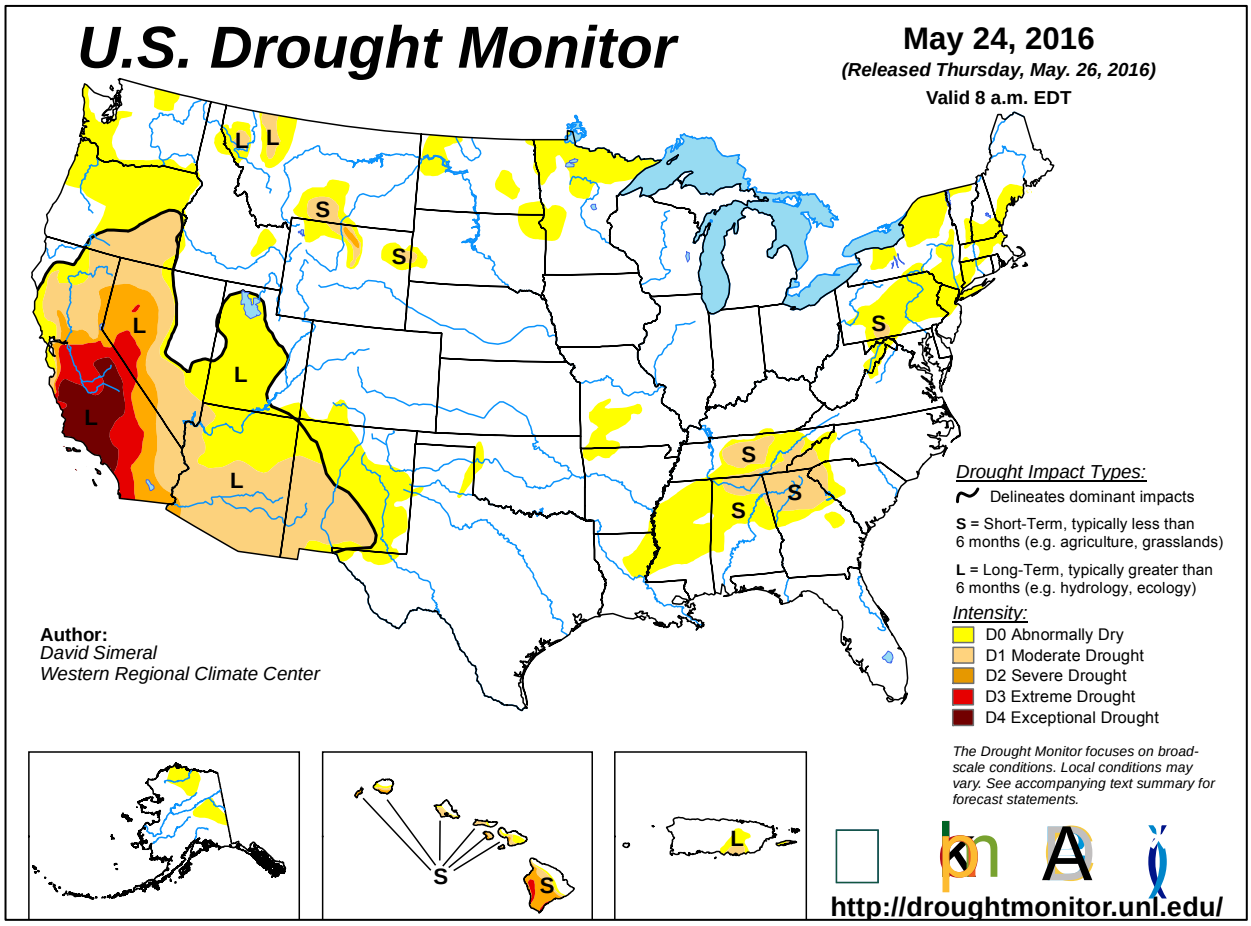


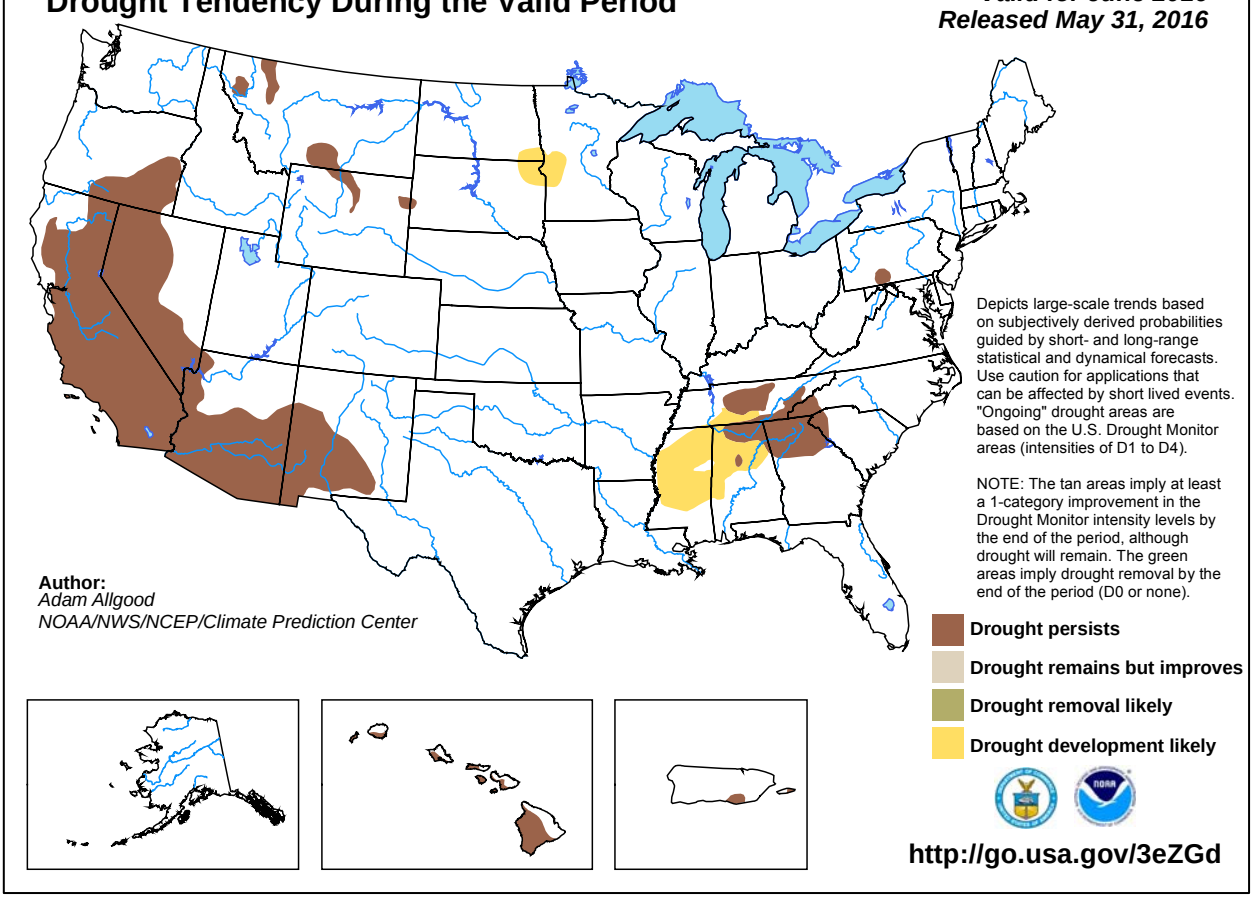
Texas triggered another round of flooding. Meanwhile, dry weather covered much of the **Southeast** and **Southwest**, favoring a rapid fieldwork pace. However, warm, humid weather in the **Southeast** contrasted with cool, breezy conditions in the **Southwest**. Toward week's end, Tropical Storm Bonnie approached the **South Carolina coast**, but weakened to a tropical depression before making landfall on Sunday, May 29. Bonnie's primary impact was locally heavy rainfall. Elsewhere, generally dry weather in the **eastern Corn Belt** favored corn and soybean planting activities that had been previously delayed, while showers accompanied cool conditions across the **northern two-thirds of the West**. Weekly temperatures averaged at least 5°F below normal in numerous locations from **southern California and the Desert Southwest to the northern Intermountain West**. Conversely, warmth covered the **eastern half of the U.S.**, promoting a rapid crop development pace. From the **Great Lakes States into New England**, temperatures averaged as much as 10°F above normal.

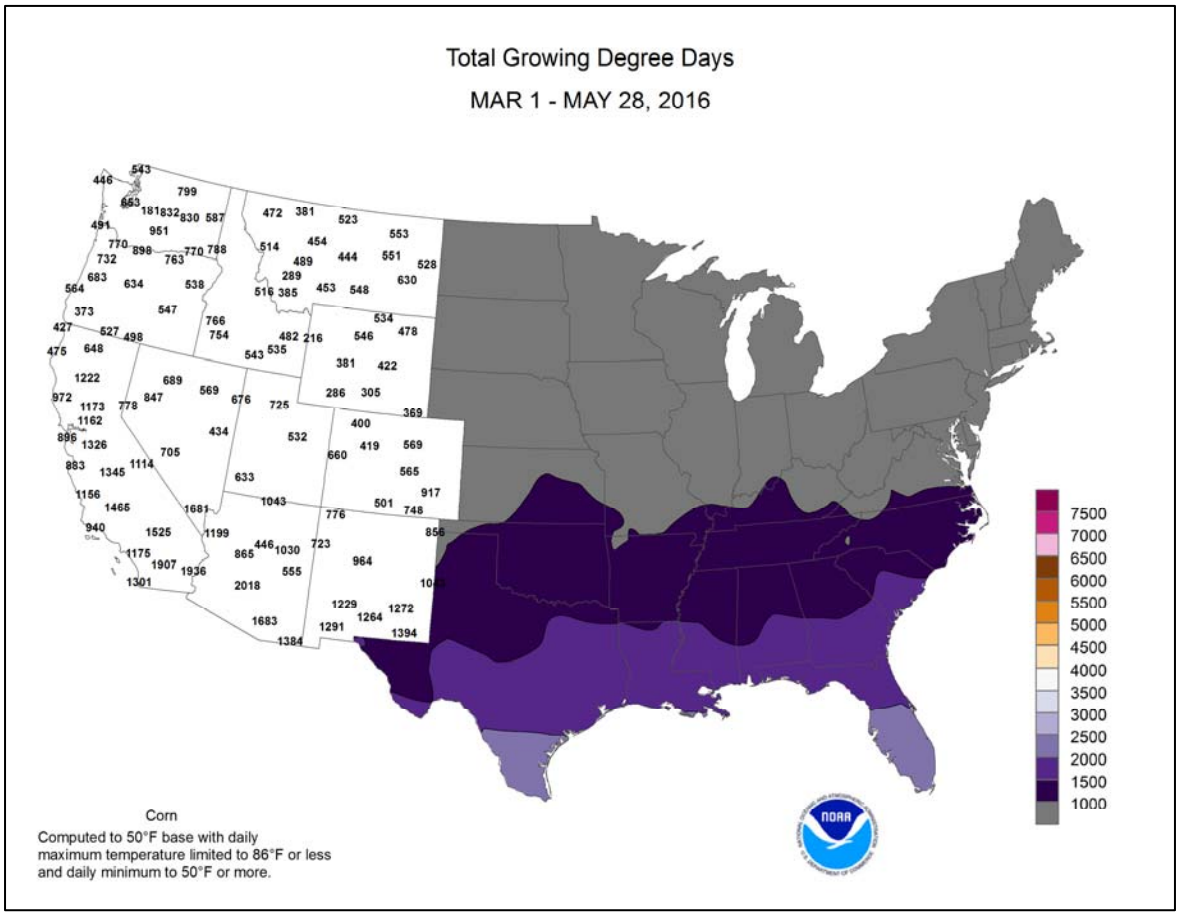
Daily showers and thunderstorms—some with hail and high winds—peppered the **nation's mid-section**. With 3.87 inches of rain, May 22 became the second-wettest day on record during any month in **Valentine, NE**, behind only 4.00 inches on May 25, 1920. Meanwhile in **Texas**, May 22 featured daily-record totals in locations such as **Beaumont-Port Arthur** (4.39 inches) and **Childress** (3.96 inches). For **Childress**, it was the second-wettest May day on record, behind 5.00 inches on May 27, 1902. Two days later, on May 24, **Jonesboro, AR**, experienced its wettest day during May on record (6.19 inches; previously, 4.50 inches on May 27, 1973). Heavy rain extended as far north as the **upper Great Lakes region**, where daily-record totals in **Michigan** reached 2.45 inches (on May 25) in **Houghton Lake** and 1.85 inches (on May 24) in **Marquette**. By May 26, torrential rainfall returned to parts of the **central and southern Plains** and the **mid-South**. In **Missouri**, daily-record amounts for the 26th included 3.87 inches in **Kansas City** and 2.60 inches in **St. Joseph**. In **Texas**, **Austin-Bergstrom International Airport** endured its second-wettest day on record, trailing only 12.49 inches on October 30, 2015. **Austin's** daily total for May 26 reached 8.79 inches. The community of **Brenham, TX**, received a preliminary May 26 total of 16.62 inches. Subsequent flooding reached record-setting proportions at several river gauge sites. For example, **Davidson Creek near Lyons, TX**, crested 3.38 feet above flood stage on May 27, edging the October 1994 high-water mark by 0.05 foot (less than one-half inch). In **Richmond, TX**, a crest record was broken on June 1, when the **Brazos River** surged 9.57 feet above flood stage and 4.27 feet above the October 1994 benchmark. And, near **Sheldon, TX**, the **San Jacinto River** crested 9.30 feet above flood stage on May 30—the worst flood in that location since November 1998. Toward week's end, heavy showers associated with Tropical Storm Bonnie began to overspread the **southern Atlantic States**. **Charleston, SC**, collected a daily-record rainfall (2.42 inches) on May 28. Elsewhere, showery weather continued across the **Plains** and **Northwest**; daily-record amounts for May 28 reached 1.88 inches in **Quillayute, WA**, and 1.59 inches in **Mitchell, SD**.

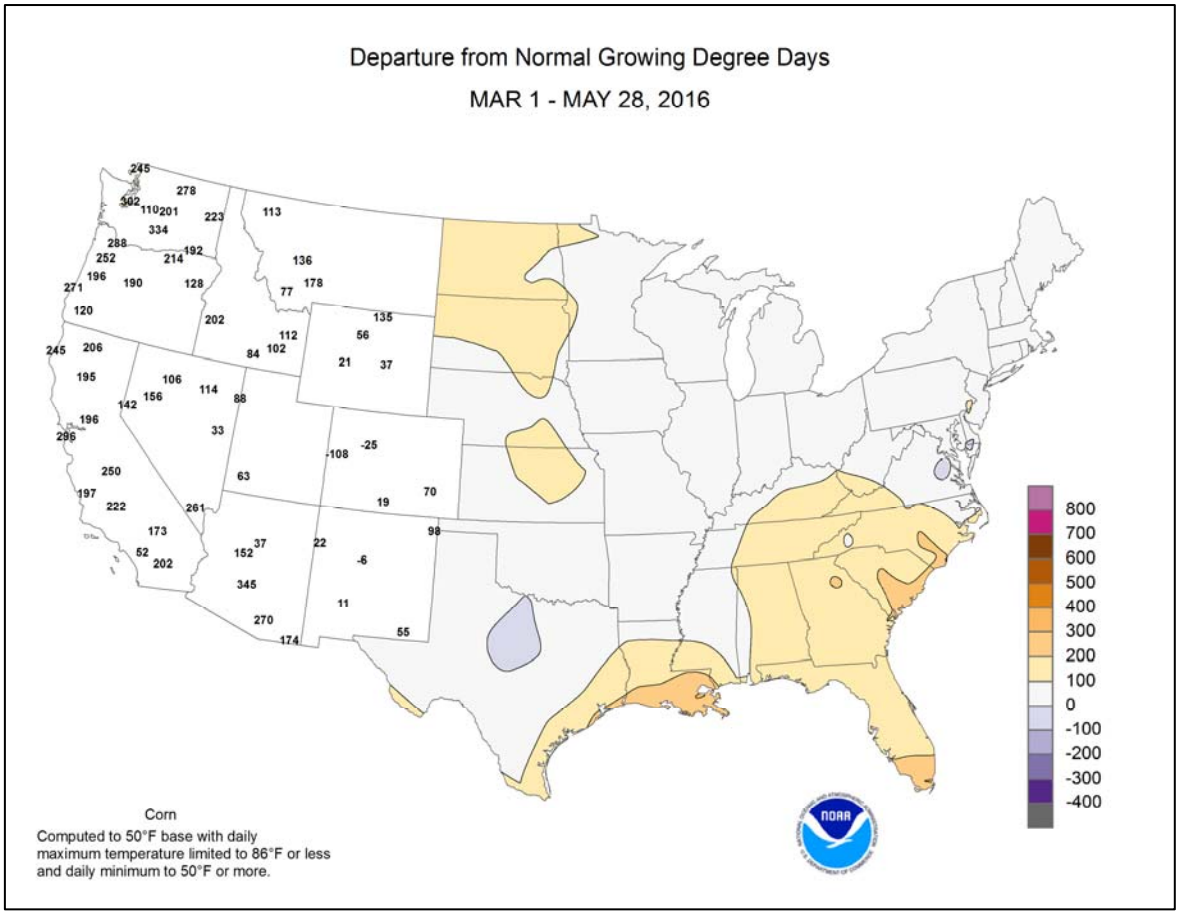
As the week progressed, cool air settled across the **West**. In **Wyoming**, **Casper** posted a daily-record low of 30°F on May 24. Three days later, record-setting lows for May 27 included 33°F in **Cedar City, UT**, and 42°F in **Douglas, AZ**. Meanwhile, warmth dominated the central and eastern U.S. In **Michigan**, daily-record highs for May 24 climbed to 89°F in **Alpena** and 88°F in **Flint**. The following day, **Flint** notched a daily-record high (89°F) for May 25. Farther south, **Sarasota-Bradenton, FL**, also collected a daily-record high for May 25, reaching 94°F. Late in the week, a surge of heat replaced previously cool conditions in the **Northeast**. From May 27-29, **Glens Falls, NY**, registered a trio of daily-record highs (89, 90, and 90°F). **Northeastern** heat was most widespread on May 28, when highs soared to daily-record levels in locations such as **Newark, NJ** (96°F); **Concord, NH** (94°F); **Poughkeepsie, NY** (94°F);

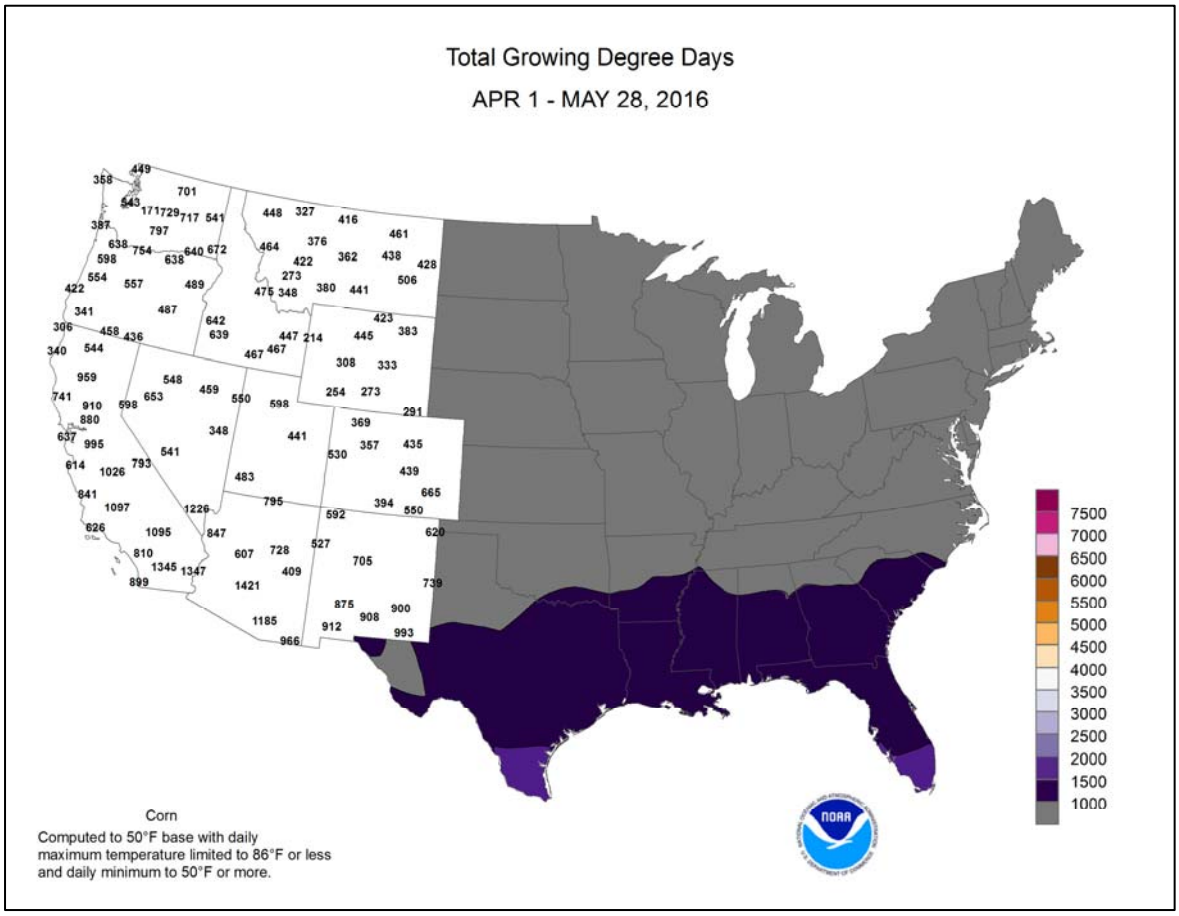
In **Alaska**, cool weather and scattered showers yielded to warmer conditions. **Nome** netted a daily-record rainfall of 0.38 inch (and reported a high temperature of 39°F) on May 25, followed 4 days later by a daily-record high of 73°F. On May 27, high temperatures climbed to daily-record levels in locations such as **Bethel** (78°F) and **King Salmon** (77°F). Farther south, locally heavy showers overspread **Hawaii**, further reducing drought coverage and intensity. **Honolulu, Oahu**, received 2.13 inches of rain on May 25-26, aided by a daily-record sum of 1.22 inches on the latter date. **Kahului, Maui**, netted a daily-record rainfall of 0.42 inch on May 25. Late in the week, however, drier weather developed nearly statewide.

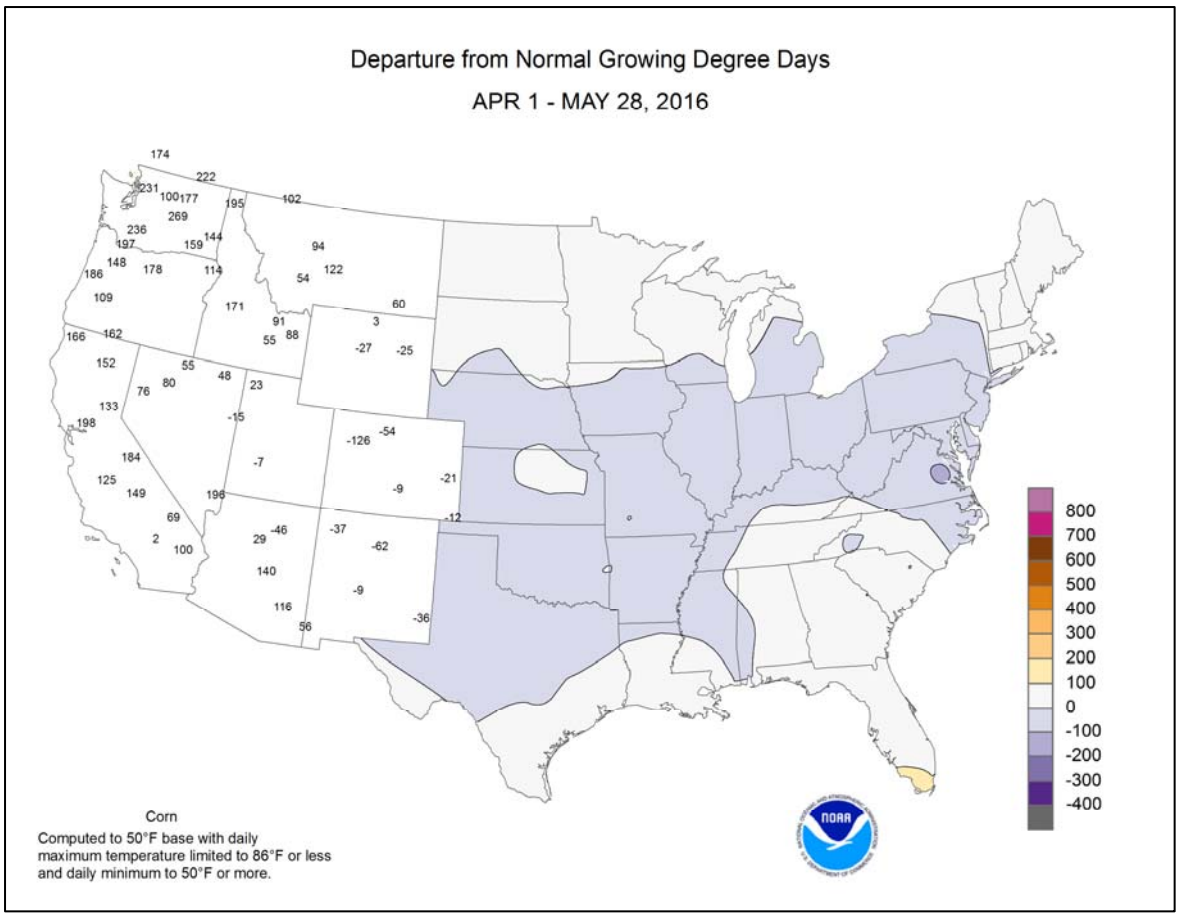

U.S. Drought Monitor
May 24, 2016
(Released Thursday, May. 26, 2016)
Valid 8 a.m. EDT
Author:
David Simeral
Western Regional Climate Center
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 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.
http://droughtmonitor.unl.edu/


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for June 2016
Released May 31, 2016
Author:
Adam Allgood
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


Total Growing Degree Days
MAR 1 - MAY 28, 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 - MAY 28, 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 - MAY 28, 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 - MAY 28, 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 May 28, 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	86	63	90	54	75	4	0.01	-1.03	0.01	10.84	72	21.58	87	84	34	1	0	1	0
	HUNTSVILLE	88	61	92	52	74	3	0.00	-1.19	0.00	8.34	52	18.29	69	77	35	3	0	0	0
	MOBILE	85	63	87	55	74	-2	0.00	-1.39	0.00	18.53	105	27.98	98	96	50	0	0	0	0
	MONTGOMERY	88	62	91	56	75	1	0.00	-0.89	0.00	11.71	81	22.37	89	85	37	2	0	0	0
AK	ANCHORAGE	64	46	72	43	55	6	0.02	-0.15	0.02	1.56	91	2.14	68	71	51	0	0	1	0
	BARROW	36	31	38	30	34	9	0.05	0.05	0.03	0.18	75	1.34	285	94	84	0	7	2	0
	FAIRBANKS	60	45	73	42	53	1	0.19	0.02	0.09	1.82	198	1.88	102	85	56	0	0	4	0
	JUNEAU	61	47	69	45	54	5	0.05	-0.72	0.05	12.81	134	22.60	123	86	60	0	0	1	0
	KODIAK	58	43	62	39	50	5	0.00	-1.41	0.00	18.86	115	42.15	139	84	62	0	0	0	0
	NOME	46	37	65	33	41	0	0.54	0.37	0.31	2.06	112	3.08	88	89	82	0	0	3	0
AZ	FLAGSTAFF	63	32	70	30	48	-5	0.00	-0.12	0.00	3.37	73	7.15	76	70	20	0	5	0	0
	PHOENIX	91	67	97	65	79	-3	0.00	-0.02	0.00	0.56	39	1.87	62	28	15	4	0	0	0
	PRESCOTT	73	44	80	41	59	-2	0.00	-0.09	0.00	2.30	71	3.78	57	45	14	0	0	0	0
	TUCSON	89	59	94	56	74	-3	0.00	-0.02	0.00	0.82	65	2.53	81	29	13	4	0	0	0
AR	FORT SMITH	83	65	87	61	74	2	0.39	-0.83	0.26	15.04	120	17.19	98	89	58	0	0	4	0
	LITTLE ROCK	85	64	88	57	75	2	0.22	-0.84	0.13	22.36	150	28.05	128	89	53	0	0	2	0
CA	BAKERSFIELD	82	59	92	53	70	-2	0.01	-0.05	0.01	1.97	98	4.10	93	60	40	1	0	1	0
	FRESNO	82	56	92	50	69	-2	0.00	-0.08	0.00	4.27	132	9.02	120	72	43	1	0	0	0
	LOS ANGELES	68	57	71	53	62	-2	0.00	-0.04	0.00	2.34	73	6.01	65	84	63	0	0	0	0
	REDDING	82	57	91	54	70	2	0.18	-0.18	0.12	14.58	162	28.17	134	76	43	1	0	2	0
	SACRAMENTO	81	54	90	49	67	0	0.00	-0.10	0.00	6.49	153	12.75	110	84	30	1	0	0	0
	SAN DIEGO	69	62	71	60	65	0	0.00	-0.03	0.00	1.74	56	5.00	67	71	59	0	0	0	0
	SAN FRANCISCO	69	55	79	53	62	3	0.00	-0.06	0.00	6.01	127	12.44	94	76	61	0	0	0	0
	STOCKTON	82	52	92	47	67	-1	0.00	-0.08	0.00	6.73	184	12.12	137	78	49	2	0	0	0
CO	ALAMOSA	68	35	73	31	52	-1	0.53	0.39	0.53	3.39	219	4.37	217	69	29	0	1	1	1
	CO SPRINGS	72	45	81	41	58	1	0.86	0.29	0.61	5.90	124	7.44	139	71	22	0	0	2	1
	DENVER INTL	70	44	77	42	57	-1	1.49	0.86	1.15	6.78	156	7.76	161	84	42	0	0	4	1
	GRAND JUNCTION	74	45	78	40	59	-4	0.06	-0.14	0.06	3.60	133	4.97	130	56	24	0	0	1	0
	PUEBLO	79	50	88	43	65	3	0.97	0.64	0.76	5.30	151	6.17	150	59	29	0	0	3	1
CT	BRIDGEPORT	78	58	86	53	68	6	0.40	-0.49	0.30	7.14	61	14.30	78	82	55	0	0	3	0
	HARTFORD	84	56	93	47	70	8	0.06	-0.93	0.06	6.47	56	13.30	72	82	49	3	0	1	0
DC	WASHINGTON	81	61	88	54	71	3	0.54	-0.33	0.36	8.46	87	14.94	96	88	52	0	0	2	0
DE	WILMINGTON	82	59	88	52	70	5	0.81	-0.12	0.74	9.39	85	16.11	93	86	44	0	0	2	1
FL	DAYTONA BEACH	85	68	88	64	77	0	0.00	-0.91	0.00	8.11	90	18.82	126	92	48	0	0	0	0
	JACKSONVILLE	85	61	89	57	73	-2	0.03	-0.84	0.03	6.81	68	14.46	86	97	43	0	0	1	0
	KEY WEST	87	76	88	74	82	0	0.22	-0.72	0.12	4.07	60	11.15	106	85	63	0	0	3	0
	MIAMI	87	75	92	72	81	1	1.98	0.45	1.89	9.97	95	20.39	141	79	52	1	0	2	1
	ORLANDO	89	69	93	64	79	0	0.00	-1.06	0.00	11.31	126	18.65	135	78	48	2	0	0	0
	PENSACOLA	84	69	85	63	77	0	0.00	-1.12	0.00	14.71	105	23.36	97	82	45	0	0	0	0
	TALLAHASSEE	90	64	93	57	77	0	0.00	-1.31	0.00	14.65	103	23.34	96	77	37	5	0	0	0
	TAMPA	89	71	91	67	80	1	0.00	-0.79	0.00	7.20	104	15.91	134	76	41	2	0	0	0
	WEST PALM BEACH	86	73	90	68	80	1	0.08	-1.35	0.06	8.43	71	20.98	116	73	54	1	0	3	0
GA	ATHENS	85	59	88	52	72	1	0.00	-0.91	0.00	6.85	58	15.01	72	84	40	0	0	0	0
	ATLANTA	85	63	88	56	74	2	0.00	-0.86	0.00	6.61	53	19.14	86	69	37	0	0	0	0
	AUGUSTA	85	56	90	51	71	-2	0.35	-0.44	0.35	10.98	108	16.40	87	95	44	1	0	1	0
	COLUMBUS	86	62	88	56	74	0	0.00	-0.79	0.00	12.01	94	19.44	88	84	34	0	0	0	0
	MACON	87	58	90	53	73	0	0.00	-0.69	0.00	12.23	115	17.96	89	91	36	2	0	0	0
	SAVANNAH	84	63	88	59	74	-1	0.63	-0.30	0.63	15.20	152	21.61	128	87	46	0	0	1	1
HI	HILO	84	68	84	66	76	2	2.35	0.77	0.70	19.77	57	24.35	46	88	73	0	0	6	3
	HONOLULU	85	73	87	72	79	1	2.15	2.01	1.73	2.65	72	3.09	35	80	68	0	0	3	1
	KAHULUI	87	67	89	65	77	1	0.55	0.46	0.43	6.13	130	7.68	71	87	72	0	0	2	0
	LIHUE	82	72	83	70	77	1	0.43	-0.16	0.24	4.64	50	5.80	34	87	75	0	0	4	0
ID	BOISE	70	46	75	43	58	-3	0.01	-0.25	0.01	2.94	77	4.44	70	70	40	0	0	1	0
	LEWISTON	70	49	76	45	60	0	0.08	-0.25	0.07	5.23	139	6.81	116	76	51	0	0	2	0
	POCATELLO	66	37	70	33	52	-4	0.09	-0.24	0.05	5.53	143	6.81	113	85	47	0	0	2	0
IL	CHICAGO/O'HARE	82	60	86	48	71	10	1.21	0.45	0.95	11.01	118	13.07	103	80	49	0	0	3	1
	MOLINE	86	61	88	49	73	9	0.55	-0.45	0.43	8.46	81	9.79	72	76	46	0	0	2	0
	PEORIA	85	61	86	51	73	8	0.26	-0.66	0.15	7.69	76	9.07	68	82	44	0	0	3	0
	ROCKFORD	85	60	88	48	72	10	0.60	-0.34	0.30	9.46	100	10.99	90	83	47	0	0	3	0
	SPRINGFIELD	85	62	87	50	73	7	0.48	-0.46	0.48	10.76	107	13.09	97	86	46	0	0	1	0
IN	EVANSVILLE	81	59	85	50	70	2	0.24	-0.86	0.17	15.35	116	21.69	113	81	57	0	0	2	0
	FORT WAYNE	83	58	88	43	70	7	0.00	-0.86	0.00	11.13	115	14.18	104	79	35	0	0	0	0
	INDIANAPOLIS	81	59	85	47	70	5	0.24	-0.75	0.24	13.88	127	17.59	111	79	45	0	0	1	0
	SOUTH BEND	83	57	85	42	70	8	0.02	-0.78	0.01	11.25	118	15.03	109	82	49	0	0	2	0
IA	BURLINGTON	82	61	85	55	72	6	1.08	0.08	0.55	9.04	86	10.42	78	91	48	0	0	4	1
	CEDAR RAPIDS	82	59	85	50	71	7	1.46	0.55	0.66	8.45	96	9.98	91	93	49	0	0	4	1
	DES MOINES	80	61	84	50	70	5	2.49	1.50	1.19	8.83	93	10.60	90	85	63	0	0	5	2
	DUBUQUE	81	58	83	46	69	7	0.76	-0.19	0.53	9.33	96	10.41	84	82	54	0	0	4	1
	SIOUX CITY	81	57	84	47	69	5	3.13	2.25	1.57	13.75	171	15.59	169	88	65	0	0	5	2
	WATERLOO	81	59	86	45	70	7	1.02	0.02	0.62	7.33	82	9.05	83	85	59	0	0	5	1
KS	CONCORDIA	79	58	81	54	69	3	3.25	2.24	1.82	11.08	131	12.63	128	92	73	0	0	6	2
	DODGE CITY	81	59	85	49	70	3	1.30	0.59	1.13	9.72	145	10.31	129	98	50	0	0	4	1
	GOODLAND	77	51	88	46	64	3	0.36	-0.49	0.29	5.97	104	6.83	104	91	57	0	0	2	0
	TOPEKA	79	60	83	56	70	3	5.02	3.84	2.80	18.09	182	19.36	161	87	68	0	0	5	3

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending May 28, 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	82	61	90	56	72	4	3.12	2.08	1.22	12.78	144	13.52	126	89	69	1	0	4	3
KY	JACKSON	80	58	87	50	69	3	0.51	-0.69	0.35	12.46	98	22.02	110	87	46	0	0	2	0
	LEXINGTON	81	57	85	46	69	3	0.89	-0.21	0.89	12.59	102	18.93	100	85	51	0	0	1	1
	LOUISVILLE	83	61	87	50	72	4	0.48	-0.60	0.48	13.24	104	19.06	99	83	44	0	0	1	0
	PADUCAH	83	61	86	48	72	4	1.90	0.91	1.17	18.74	139	24.20	116	90	51	0	0	3	2
LA	BATON ROUGE	89	68	91	62	79	3	0.00	-1.16	0.00	20.84	135	30.15	113	90	49	3	0	0	0
	LAKE CHARLES	86	70	88	66	78	1	1.91	0.43	1.78	24.15	194	30.32	142	95	65	0	0	3	1
	NEW ORLEANS	88	72	90	67	80	3	0.07	-1.03	0.07	20.42	143	28.55	112	83	55	1	0	1	0
	SHREVEPORT	86	68	91	63	77	2	1.60	0.41	1.23	29.24	221	34.26	155	90	64	1	0	2	1
ME	CARIBOU	73	51	82	45	62	7	0.47	-0.29	0.27	10.12	125	15.59	119	86	47	0	0	2	0
	PORTLAND	70	51	87	46	60	4	0.19	-0.62	0.11	7.82	66	15.36	81	95	63	0	0	3	0
MD	BALTIMORE	82	59	90	52	70	5	0.61	-0.29	0.44	8.32	80	17.52	104	82	48	2	0	2	0
MA	BOSTON	75	56	92	51	65	4	0.26	-0.46	0.26	7.77	75	15.21	87	88	55	1	0	1	0
	WORCESTER	77	57	89	49	67	8	0.04	-0.95	0.00	7.92	66	15.30	80	84	42	0	0	1	0
MI	ALPENA	81	48	89	32	65	10	0.32	-0.26	0.30	10.01	149	14.54	148	91	41	0	1	2	0
	GRAND RAPIDS	85	59	88	47	72	11	0.50	-0.24	0.33	11.89	132	16.82	133	80	38	0	0	3	0
	HOUGHTON LAKE	82	50	86	37	66	9	2.85	2.23	2.45	10.94	167	14.06	149	90	40	0	0	3	1
	LANSING	82	56	86	42	69	9	0.32	-0.31	0.19	9.74	126	12.90	119	76	47	0	0	2	0
	MUSKEGON	80	57	83	45	69	10	0.36	-0.30	0.23	9.72	123	13.94	119	77	51	0	0	2	0
	TRAVERSE CITY	83	54	89	43	69	11	0.98	0.46	0.68	7.80	117	11.58	101	84	36	0	0	3	1
MN	DULUTH	69	48	80	43	58	4	0.69	-0.06	0.17	7.92	126	9.80	119	86	72	0	0	5	0
	INT'L FALLS	75	48	84	38	61	5	0.41	-0.27	0.16	5.63	127	6.99	118	97	48	0	0	4	0
	MINNEAPOLIS	78	62	86	53	70	8	1.16	0.33	0.33	7.53	109	8.93	102	80	54	0	0	4	0
	ROCHESTER	78	59	84	51	69	9	2.52	1.71	0.83	9.76	122	11.16	115	85	67	0	0	6	2
	ST. CLOUD	75	56	84	44	66	7	1.17	0.37	0.58	5.16	85	6.12	82	96	50	0	0	4	1
MS	JACKSON	87	65	89	53	76	2	0.01	-0.96	0.01	20.80	128	32.39	123	87	45	0	0	1	0
	MERIDIAN	88	62	92	51	75	1	0.00	-0.99	0.00	17.24	101	24.73	87	87	44	2	0	0	0
	TUPELO	87	63	91	53	75	3	0.11	-1.23	0.11	14.75	90	21.92	84	79	41	1	0	1	0
MO	COLUMBIA	81	60	88	52	71	5	2.44	1.37	1.64	8.46	72	10.12	65	91	52	0	0	4	1
	KANSAS CITY	78	59	82	54	69	2	5.84	4.62	3.87	19.29	181	20.45	156	90	62	0	0	6	3
	SAINT LOUIS	84	64	87	55	74	5	1.55	0.64	1.01	11.44	104	13.04	85	80	54	0	0	3	2
	SPRINGFIELD	80	62	88	56	71	4	0.76	-0.30	0.40	9.96	82	11.24	68	89	62	0	0	4	0
MT	BILLINGS	68	46	72	44	57	-1	0.05	-0.50	0.04	4.70	93	5.23	81	80	33	0	0	2	0
	BUTTE	56	35	62	30	45	-5	0.53	0.03	0.33	3.06	86	3.53	77	92	39	0	2	4	0
	CUT BANK	59	37	68	34	48	-4	0.40	-0.18	0.19	3.95	120	4.43	112	94	47	0	0	4	0
	GLASGOW	67	46	71	42	56	-2	0.46	0.02	0.28	7.08	268	7.75	238	88	60	0	0	3	0
	GREAT FALLS	63	39	68	36	51	-3	0.22	-0.40	0.12	5.32	116	5.97	103	91	38	0	0	2	0
	HAVRE	64	45	70	35	54	-3	0.45	0.06	0.23	6.67	222	7.13	186	90	69	0	0	3	0
	MISSOULA	61	42	68	36	51	-4	0.56	0.09	0.24	3.91	105	5.02	90	90	59	0	0	4	0
NE	GRAND ISLAND	77	57	80	53	67	4	3.90	2.94	2.06	12.27	149	14.45	153	92	68	0	0	5	2
	LINCOLN	80	59	84	55	70	5	3.08	2.11	1.21	10.73	121	12.32	121	88	61	0	0	4	3
	NORFOLK	79	56	86	52	68	5	2.41	1.46	1.57	13.70	172	15.85	171	88	62	0	0	4	1
	NORTH PLATTE	77	50	83	45	64	3	1.83	1.06	0.94	9.24	151	10.50	150	95	46	0	0	7	2
	OMAHA	80	61	84	55	71	6	1.39	0.37	0.51	11.25	125	12.97	123	84	60	0	0	5	1
	SCOTTSBLUFF	73	43	80	37	59	-1	0.20	-0.43	0.16	8.34	157	9.11	142	85	39	0	0	4	0
	VALENTINE	78	50	82	43	64	4	4.52	3.80	3.87	12.13	205	12.81	191	86	46	0	0	4	1
NV	ELY	62	33	69	31	48	-5	0.05	-0.23	0.04	3.71	120	6.74	147	84	43	0	3	2	0
	LAS VEGAS	85	63	92	59	74	-4	0.00	-0.04	0.00	2.30	250	2.85	130	32	18	2	0	0	0
	RENO	71	45	79	37	58	-1	0.02	-0.12	0.02	3.09	182	5.21	136	67	34	0	0	1	0
	WINNEMUCCA	69	33	77	25	51	-6	0.11	-0.11	0.11	2.44	94	4.55	112	81	33	0	4	1	0
NH	CONCORD	83	53	94	44	68	9	0.72	-0.02	0.71	6.80	75	12.58	87	91	38	2	0	2	1
NJ	NEWARK	85	61	96	52	73	8	0.10	-0.86	0.05	5.55	46	13.60	71	72	45	3	0	3	0
NM	ALBUQUERQUE	81	51	85	45	66	-2	0.00	-0.14	0.00	0.77	48	1.19	47	31	11	0	0	0	0
NY	ALBANY	83	57	93	51	70	9	0.03	-0.82	0.03	4.83	50	10.14	71	89	39	1	0	1	0
	BINGHAMTON	78	55	88	49	67	8	0.28	-0.51	0.15	7.03	73	12.74	87	73	45	0	0	2	0
	BUFFALO	79	58	90	48	69	9	0.06	-0.74	0.06	5.96	67	11.24	77	81	42	1	0	1	0
	ROCHESTER	83	56	91	49	70	10	0.07	-0.59	0.07	4.83	62	10.13	83	78	40	1	0	1	0
	SYRACUSE	83	54	91	46	68	8	0.06	-0.68	0.06	5.62	60	12.34	87	93	36	1	0	1	0
NC	ASHEVILLE	78	53	82	45	66	2	0.29	-0.78	0.28	5.78	48	14.76	74	90	43	0	0	2	0
	CHARLOTTE	82	57	86	49	69	-2	0.02	-0.83	0.02	7.78	74	14.56	80	84	42	0	0	1	0
	GREENSBORO	81	57	86	49	69	1	0.00	-0.87	0.00	12.57	116	18.71	107	87	39	0	0	0	0
	HATTERAS	77	64	86	59	70	0	0.25	-0.71	0.10	12.73	109	25.84	121	90	61	0	0	3	0
	RALEIGH	82	57	89	50	70	1	0.21	-0.66	0.19	10.76	106	17.16	97	85	55	0	0	2	0
	WILMINGTON	80	59	86	52	70	-2	0.67	-0.39	0.57	9.34	85	21.40	112	95	49	0	0	2	1
ND	BISMARCK	76	49	81	43	62	3	0.85	0.32	0.63	5.79	138	6.43	124	89	52	0	0	4	1
	DICKINSON	70	41	78	36	56	-1	0.22	-0.34	0.07	2.88	66	3.31	64	91	35	0	0	5	0
	FARGO	79	57	85	51	68	8	1.16	0.48	0.78	4.30	91	5.29	87	85	44	0	0	5	1
	GRAND FORKS	76	56	82	51	66	6	1.75	1.19	0.93	4.44	112	5.02	96	92	45	0	0	5	1
	JAMESTOWN	74	55	80	50	65	5	1.06	0.52	0.60	4.33	105	4.52	86	96	49	0	0	4	1
	WILLISTON	70	45	79	39	58	1	0.44	-0.02	0.35	2.78	82	3.91	91	88	52	0	0	2	0
OH	AKRON-CANTON	81	56	87	45	69	8	0.00	-0.87	0.00	10.05	100	14.64	99	78	49	0	0	0	0
	CINCINNATI	81	56	85	48	69	3	0.09	-0.98	0.09	12.96	109	19.59	111	87	54	0	0	1	0
	CLEVELAND	82	58	90	44	70	9	0.01	-0.78	0.01	10.47	112	15.06	106	76	40	1	0	1	0
	COLUMBUS	80	55	88	42	68	3	0.43	-0.45	0.43	10.19	106	14.60	102	88	53	0	0	1	0
	DAYTON	80	57	86	43	69	5	0.16	-0.78	0.13	11.33	103	16.15	102	82	47	0	0	2	0
	MANSFIELD	81	56	88	42	68	7	0.17	-0.84	0.17	10.98	96	15.88	98	89	43	0	0	1	0

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

Weather Data for the Week Ending May 28, 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	84	54	91	40	69	7	0.00	-0.73	0.00	10.53	122	13.75	111	82	40	1	0	0	0
	YOUNGSTOWN	81	55	88	43	68	8	0.00	-0.77	0.00	9.90	105	15.09	109	84	50	0	0	0	0
OK	OKLAHOMA CITY	84	66	89	59	75	4	0.12	-1.20	0.11	10.33	97	11.79	87	95	61	0	0	2	0
	TULSA	82	66	88	63	74	3	1.99	0.56	1.35	12.57	97	13.76	83	89	67	0	0	4	1
OR	ASTORIA	61	50	64	49	56	2	0.07	-0.62	0.04	14.94	98	37.22	114	89	70	0	0	3	0
	BURNS	65	34	70	29	49	-4	0.01	-0.21	0.01	2.13	72	3.85	73	83	41	0	3	1	0
	EUGENE	67	45	74	38	56	0	0.05	-0.49	0.04	10.09	85	19.93	77	88	65	0	0	2	0
	MEDFORD	74	46	82	42	60	0	0.00	-0.25	0.00	3.74	88	8.98	102	81	34	0	0	0	0
	PENDLETON	71	47	76	45	59	-1	0.00	-0.26	0.00	3.22	93	5.59	91	66	38	0	0	0	0
	PORTLAND	67	52	73	48	60	1	0.21	-0.30	0.15	8.41	99	19.74	111	81	59	0	0	2	0
	SALEM	68	49	74	41	58	1	0.43	0.00	0.42	9.57	108	20.30	103	82	62	0	0	2	0
PA	ALLENTOWN	85	56	92	49	70	8	0.18	-0.84	0.14	6.91	63	15.94	92	83	38	3	0	3	0
	ERIE	79	60	90	46	69	8	0.02	-0.78	0.01	7.47	80	13.68	96	74	51	1	0	2	0
	MIDDLETOWN	82	59	91	52	70	6	0.25	-0.71	0.16	6.89	67	16.81	105	87	44	3	0	2	0
	PHILADELPHIA	83	60	90	52	72	6	0.21	-0.63	0.10	9.50	88	16.49	97	75	45	3	0	3	0
	PITTSBURGH	81	58	88	49	70	7	0.27	-0.63	0.27	8.66	91	13.60	93	82	41	0	0	1	0
	WILKES-BARRE	82	56	92	47	69	7	0.08	-0.75	0.05	6.78	73	12.58	91	84	41	1	0	2	0
	WILLIAMSPORT	84	56	91	46	70	8	0.35	-0.52	0.35	5.47	55	11.89	77	86	47	1	0	1	0
RI	PROVIDENCE	80	55	91	48	68	7	0.19	-0.61	0.17	8.27	70	16.64	85	81	54	1	0	2	0
SC	BEAUFORT	84	64	87	59	74	-1	1.86	1.01	1.86	10.68	117	16.66	102	92	46	0	0	1	1
	CHARLESTON	85	62	90	56	73	-1	2.46	1.47	2.46	9.65	98	17.94	106	88	41	1	0	1	1
	COLUMBIA	86	60	91	54	73	-1	0.11	-0.72	0.11	6.90	68	13.53	72	80	40	2	0	1	0
	GREENVILLE	82	58	88	54	70	1	0.00	-1.07	0.00	8.77	68	17.02	79	84	40	0	0	0	0
SD	ABERDEEN	79	54	86	47	67	6	0.98	0.30	0.34	5.79	106	6.48	101	84	56	0	0	6	0
	HURON	77	55	85	48	66	5	1.58	0.87	0.53	7.73	118	8.60	113	96	56	0	0	5	2
	RAPID CITY	72	44	82	39	58	0	0.49	-0.21	0.26	3.75	69	4.61	73	90	42	0	0	4	0
	SIOUX FALLS	78	57	86	51	68	7	2.20	1.40	1.26	9.58	129	11.26	134	86	67	0	0	4	2
TN	BRISTOL	80	53	88	47	66	1	0.58	-0.40	0.35	9.48	86	16.88	94	97	41	0	0	3	0
	CHATTANOOGA	87	60	91	54	74	4	0.02	-0.93	0.02	6.50	46	17.24	70	79	38	1	0	1	0
	KNOXVILLE	82	58	85	51	70	2	1.30	0.26	1.22	9.29	70	19.18	87	87	41	0	0	2	1
	MEMPHIS	86	65	90	56	75	2	2.54	1.48	1.15	27.02	168	34.87	142	86	51	1	0	4	2
	NASHVILLE	86	60	91	51	73	4	0.29	-0.87	0.29	7.82	59	14.45	69	87	39	1	0	1	0
TX	ABILENE	88	68	93	60	78	3	0.84	0.12	0.61	14.86	272	15.58	206	93	64	3	0	2	1
	AMARILLO	87	54	90	47	70	2	0.00	-0.67	0.00	4.42	98	5.11	89	79	25	2	0	0	0
	AUSTIN	86	69	91	63	78	1	9.13	7.92	8.70	25.17	278	27.35	211	93	79	1	0	4	1
	BEAUMONT	87	71	90	66	79	2	5.78	4.33	4.39	23.53	186	29.49	136	96	64	1	0	4	2
	BROWNSVILLE	90	78	91	77	84	3	0.06	-0.52	0.05	7.57	151	9.45	125	95	70	5	0	2	0
	CORPUS CHRISTI	88	78	89	75	83	4	0.01	-0.85	0.01	15.75	233	18.04	176	90	74	0	0	1	0
	DEL RIO	91	73	98	66	82	2	0.02	-0.50	0.02	7.76	165	8.51	137	89	72	5	0	1	0
	EL PASO	90	64	93	57	77	1	0.00	-0.08	0.00	0.05	7	0.58	36	18	8	5	0	0	0
	FORT WORTH	85	70	88	66	77	2	1.28	0.10	0.92	11.37	105	14.61	96	85	62	0	0	4	1
	GALVESTON	83	74	85	66	79	0	1.90	1.00	1.69	13.27	156	17.23	113	96	77	0	0	2	1
	HOUSTON	85	69	89	64	77	-1	4.45	3.17	3.76	24.86	218	28.97	160	97	71	0	0	2	2
	LUBBOCK	89	63	93	50	76	4	0.01	-0.57	0.01	4.50	113	4.89	94	81	42	3	0	1	0
	MIDLAND	98	69	101	58	84	9	0.00	-0.41	0.00	2.05	76	2.53	67	62	26	7	0	0	0
	SAN ANGELO	90	69	93	61	79	4	1.79	1.05	1.24	13.23	251	14.03	193	89	67	3	0	3	2
	SAN ANTONIO	89	73	93	69	81	3	0.01	-1.16	0.01	14.67	171	17.60	147	91	65	3	0	1	0
	VICTORIA	88	73	89	67	81	3	1.03	-0.22	1.03	13.52	140	18.46	130	93	67	0	0	1	1
	WACO	85	70	90	62	77	1	3.61	2.62	2.17	18.21	192	20.66	150	90	76	2	0	2	2
	WICHITA FALLS	87	65	91	60	76	2	2.62	1.66	2.26	14.36	173	16.06	146	94	69	1	0	6	1
UT	SALT LAKE CITY	70	49	76	44	60	-1	0.04	-0.37	0.02	5.18	89	7.64	89	73	31	0	0	3	0
VT	BURLINGTON	84	56	91	49	70	11	0.04	-0.70	0.04	5.85	72	10.18	85	81	32	2	0	1	0
VA	LYNCHBURG	79	55	86	49	67	2	0.11	-0.81	0.11	12.15	111	19.44	110	95	49	0	0	1	0
	NORFOLK	79	61	90	54	70	1	1.36	0.51	1.17	10.56	98	21.43	119	86	52	1	0	2	1
	RICHMOND	80	58	89	51	69	1	0.73	-0.17	0.58	11.60	108	19.25	111	88	59	0	0	2	1
	ROANOKE	81	57	86	51	69	3	0.06	-0.88	0.04	9.02	80	17.25	98	83	44	0	0	2	0
	WASH/DULLES	81	57	89	52	69	4	1.21	0.21	0.69	9.38	90	17.63	108	83	51	0	0	3	1
WA	OLYMPIA	64	47	68	42	55	0	0.05	-0.41	0.04	10.24	94	25.38	103	89	62	0	0	2	0
	QUILLAYUTE	59	47	64	43	53	1	2.03	0.91	1.92	20.37	87	51.84	105	94	77	0	0	3	1
	SEATTLE-TACOMA	64	52	66	49	58	1	0.10	-0.26	0.10	7.65	97	21.07	122	82	65	0	0	1	0
	SPOKANE	64	46	72	41	55	-1	0.33	-0.03	0.23	4.40	105	7.86	104	82	46	0	0	3	0
	YAKIMA	75	46	80	43	61	3	0.00	-0.11	0.00	2.74	170	5.46	153	63	34	0	0	0	0
WV	BECKLEY	76	52	85	45	64	2	0.15	-0.83	0.08	12.71	116	19.00	111	85	54	0	0	2	0
	CHARLESTON	82	56	89	50	69	5	0.23	-0.76	0.23	12.60	115	19.77	114	95	42	0	0	1	0
	ELKINS	76	50	87	44	63	3	0.30	-0.80	0.22	12.66	109	18.33	100	93	46	0	0	2	0
	HUNTINGTON	82	57	89	47	70	4	0.26	-0.75	0.14	12.20	110	19.65	113	93	46	0	0	3	0
WI	EAU CLAIRE	80	55	85	45	68	7	2.05	1.16	1.27	10.24	128	11.62	118	98	43	0	0	6	1
	GREEN BAY	80	56	85	49	68	9	0.00	-0.65	0.00	5.75	82	8.23	89	89	50	0	0	0	0
	LA CROSSE	83	59	88	48	71	8	1.16	0.40	0.60	8.89	106	11.06	105	89	44	0	0	4	1
	MADISON	83	58	85	47	70	9	0.45	-0.29	0.30	10.41	123	12.64	115	83	51	0	0	4	0
	MILWAUKEE	79	58	85	49	69	10	0.51	-0.14	0.27	9.44	104	11.75	93	79	57	0	0	5	0
WY	CASPER	66	35	71	30	51	-4	0.19	-0.31	0.18	7.79	172	9.24	160	79	42	0	1	2	0
	CHEYENNE	65	41	70	37	53	-1	0.16	-0.40	0.09	7.50	157	8.70	153	75	40	0	0	3	0
	LANDER	65	38	71	34	52	-4	0.02	-0.45	0.01	15.26	278	16.18	247	75	27	0	0	2	0
	SHERIDAN	69	39	71	32	54	-1	0.36	-0.19	0.20	6.95	142	8.40	135	82	46	0	1	3	0

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

National Agricultural Summary

May 23 – 29, 2016

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Significant precipitation hit portions of the Great Plains and lower Mississippi Valley during the week, with parts of Arkansas, Kansas, and Texas recording weekly rainfall totals at least 3 inches above normal. Southeastern Texas received heavy rainfall, with some locations recording in excess of 9 inches of precipitation, causing record flooding. Elsewhere, precipitation levels were near normal in the western and eastern U.S. Temperatures were below average in the Rocky Mountains and Intermountain region, but well above normal in the Great Lakes region and Northeast. Weekly temperatures averaged more than 9°F above normal throughout most of Wisconsin, Michigan, and New York.

Corn: Planting of the 2016 corn crop was 94 percent complete by week's end, equal to last year but 2 percentage points ahead of the 5-year average. Seventy-eight percent of this year's corn crop had emerged by May 29, three percentage points behind last year but 3 percentage points ahead of the 5-year average. By the end of May, at least 90 percent of the corn had emerged in Iowa, Minnesota, Missouri, North Carolina, and Tennessee. Overall, 72 percent of the corn was reported in good to excellent condition, 2 percentage points below the same time last year.

Soybeans: By week's end, 73 percent of the nation's soybean crop was planted, 5 percentage points ahead of last year and 7 points ahead of the 5-year average. The planting pace has remained slow in the central Great Plains, with progress 27 and 9 percentage points, respectively, behind the 5-year averages in Kansas and Nebraska. Nationally, 45 percent of the soybean crop was emerged by May 29, slightly ahead of last year and 5 percentage points ahead of the 5-year average. Eight of the 18 estimating states had emergence progress of more than 20 percentage points during the week.

Winter Wheat: Heading of this year's winter wheat crop advanced to 84 percent complete by week's end, 2 percentage points ahead of last year and 8 points ahead of the 5-year average. In Washington, 76 percent was headed by the end of the week, 36 percentage points ahead of the 5-year average. Overall, 63 percent of the winter wheat was reported in good to excellent condition, up slightly from last week and 19 percentage points better than the same time last year.

Cotton: By week's end, 59 percent of the cotton was planted, 2 percentage points ahead of last year but 10 percentage points behind the 5-year average. Wet conditions in the southern Great Plains have hindered planting progress. Kansas cotton planting was 35 percentage points, or nearly 3 weeks, behind the 5-year average pace, while Texas was 15 percentage points behind the 5-year average. Nationally, 5 percent of the cotton was squaring, 3 percentage points ahead of last year but equal to the 5-year average.

Sorghum: Producers had planted 44 percent of this year's sorghum crop by week's end, 2 percentage points ahead of last year but 7 points behind the 5-year average. Planting advances of 25 percentage points or more were observed in Nebraska, New Mexico, and South Dakota during the week.

Rice: Planting of the 2016 rice crop was 98 percent complete by week's end, 3 percentage points ahead of last year and 2 points ahead of the 5-year average. Twenty-six percent of California's rice crop was planted during the week, pushing progress ahead of the 5-year average pace. Eighty-seven percent of the rice crop was emerged by May 29, slightly behind last year but 2 percentage points ahead of the 5-year average. Overall, 66 percent of the rice was reported in good to excellent condition, down slightly from last week and 2 percentage points lower than the same time last year.

Small Grains: Ninety-five percent of the oat crop was emerged by May 29, slightly ahead of last year and 9 percentage points ahead of the 5-year average. By week's end, 30 percent of the oat crop was at or beyond the heading stage, slightly ahead of last year but 2 percentage points behind the 5-year average. In Texas, the oat harvest was 17 percent complete, 22 percentage points behind the 5-year average. Overall, 73 percent of the oat crop was reported in good to excellent condition, unchanged from last week but 5 percentage points better than last year at this time.

Ninety-seven percent of the barley crop was sown by May 29, three percentage points behind last year but 9 percentage points ahead of the 5-year average. Nationwide, 88 percent of the barley had emerged by week's end, 4 percentage points behind last year but 19 points ahead of the 5-year average. Overall, 77 percent of the barley was reported in good to excellent condition, up slightly from last week and 3 percentage points better than the same time last year.

The nation's spring wheat crop was 88 percent emerged by week's end, equal to last year but 22 percentage points ahead of the 5-year average. Progress remained well ahead of normal in Minnesota and North Dakota, where emergence was 28 and 32 percentage points ahead of the 5-year averages, respectively. Overall, 79 percent of the spring wheat was reported in good to excellent condition, up 3 percentage points from last week and 8 points better than the same time last year.

Other Crops: By May 29, producers had planted 80 percent of this year's peanut crop, slightly ahead of both last year and the 5-year average. Planting progress of at least 20 percentage points was observed in North Carolina, South Carolina, Texas, and Virginia during the week.

By week's end, sunflower producers had planted 45 percent of this year's crop, 18 percentage points ahead of last year and 21 points ahead of the 5-year average. North Dakota's sunflowers were 67 percent planted by week's end, an increase of 21 percentage points during the week.

Crop Progress and Condition

Week Ending May 29, 2016

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

Corn Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
CO	75	80	94	92
IL	99	89	94	96
IN	93	62	86	86
IA	97	96	99	96
KS	85	90	95	94
KY	93	83	87	88
MI	95	65	87	84
MN	99	98	99	92
MO	86	97	99	93
NE	93	90	96	97
NC	97	96	97	99
ND	88	91	96	83
OH	91	51	84	77
PA	90	63	80	79
SD	95	84	92	93
TN	98	97	98	96
TX	81	79	93	94
WI	95	91	97	84
18 Sts	94	86	94	92

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

Corn Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
CO	53	41	65	63
IL	92	77	87	86
IN	76	39	60	71
IA	87	75	90	83
KS	70	61	75	76
KY	79	71	77	73
MI	79	17	46	62
MN	93	78	92	69
MO	80	93	97	84
NE	80	51	78	82
NC	92	88	93	96
ND	54	49	76	49
OH	79	28	44	59
PA	76	34	52	53
SD	72	42	67	67
TN	90	89	94	88
TX	77	65	78	86
WI	81	42	75	53
18 Sts	81	60	78	75

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

Corn Condition by Percent

	VP	P	F	G	EX
CO	1	2	23	52	22
IL	2	4	23	56	15
IN	2	6	23	59	10
IA	1	3	19	63	14
KS	0	3	32	61	4
KY	2	6	25	54	13
MI	1	3	26	53	17
MN	0	2	27	58	13
MO	0	4	22	65	9
NE	0	2	26	62	10
NC	0	2	20	60	18
ND	0	1	14	74	11
OH	1	3	33	51	12
PA	0	1	36	60	3
SD	0	1	24	69	6
TN	0	2	24	57	17
TX	1	2	25	61	11
WI	0	1	14	64	21
18 Sts	1	3	24	60	12
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	0	3	23	62	12

Soybeans Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	58	76	85	62
IL	78	51	72	70
IN	74	31	63	66
IA	76	74	88	78
KS	21	21	26	53
KY	46	24	31	40
LA	84	82	90	87
MI	83	34	70	64
MN	92	86	95	70
MS	83	82	89	82
MO	22	46	59	49
NE	70	54	73	82
NC	53	32	46	45
ND	69	81	92	57
OH	81	22	63	63
SD	71	56	75	64
TN	47	50	59	46
WI	82	66	85	61
18 Sts	68	56	73	66

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

Soybeans Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	51	63	73	52
IL	55	20	45	47
IN	44	10	29	44
IA	47	21	55	46
KS	13	7	15	30
KY	25	12	20	24
LA	79	73	85	79
MI	58	6	31	38
MN	67	33	67	33
MS	73	66	78	71
MO	15	25	37	32
NE	36	13	36	49
NC	29	16	29	28
ND	33	21	53	22
OH	54	9	22	37
SD	37	13	41	30
TN	31	21	37	27
WI	54	13	51	26
18 Sts	44	22	45	40

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

Sorghum Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	90	88	94	94
CO	22	6	20	25
IL	57	6	8	44
KS	10	6	14	27
LA	99	96	98	99
MO	39	57	66	50
NE	53	30	55	59
NM	52	16	43	27
OK	56	39	42	48
SD	31	36	66	33
TX	73	72	73	80
11 Sts	42	37	44	51

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

Crop Progress and Condition

Week Ending May 29, 2016

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

Winter Wheat Percent Headed

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	100	100	100	100
CA	99	98	100	99
CO	81	43	67	62
ID	42	19	30	16
IL	93	88	94	91
IN	73	74	91	80
KS	96	96	98	94
MI	29	4	25	33
MO	94	96	96	95
MT	9	1	18	2
NE	60	43	72	50
NC	98	95	98	99
OH	60	56	84	70
OK	100	99	100	99
OR	84	46	80	56
SD	37	22	46	25
TX	99	98	100	95
WA	58	53	76	40
18 Sts	82	75	84	76

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	38	45	9
CA	0	0	15	35	50
CO	1	10	21	55	13
ID	1	1	13	68	17
IL	3	6	33	49	9
IN	1	4	22	54	19
KS	1	7	32	50	10
MI	1	3	19	58	19
MO	1	4	28	55	12
MT	2	6	27	42	23
NE	1	5	29	54	11
NC	11	19	32	32	6
OH	0	1	15	56	28
OK	1	5	29	56	9
OR	3	3	26	54	14
SD	0	2	19	72	7
TX	2	10	41	40	7
WA	1	3	15	69	12
18 Sts	1	7	29	51	12
Prev Wk	1	7	30	51	11
Prev Yr	6	14	36	36	8

Peanuts Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AL	68	54	71	70
FL	82	74	87	79
GA	84	70	85	81
NC	76	51	71	87
OK	78	65	72	78
SC	82	56	76	83
TX	63	50	78	76
VA	87	34	54	87
8 Sts	79	63	80	79

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

Spring Wheat Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
ID	99	90	92	90
MN	98	90	99	71
MT	92	70	83	69
ND	80	75	86	54
SD	93	92	96	85
WA	100	93	96	97
6 Sts	88	78	88	66

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

Cotton Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AL	74	71	78	82
AZ	100	99	99	98
AR	91	94	99	92
CA	94	93	95	97
GA	76	58	76	78
KS	10	6	10	45
LA	90	79	92	94
MS	83	81	91	83
MO	80	95	95	92
NC	79	58	79	89
OK	29	30	41	39
SC	79	63	71	81
TN	82	67	89	75
TX	41	31	44	59
VA	94	46	65	95
15 Sts	57	46	59	69

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

Cotton Percent Squaring

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AL	0	NA	0	1
AZ	14	10	15	12
AR	0	NA	0	4
CA	4	NA	0	5
GA	0	NA	1	2
KS	0	NA	0	0
LA	1	NA	2	2
MS	0	NA	0	1
MO	0	NA	1	0
NC	0	NA	1	1
OK	0	NA	0	0
SC	0	NA	0	1
TN	1	NA	11	0
TX	5	6	7	7
VA	0	NA	0	0
15 Sts	2	NA	5	5

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

Spring Wheat Condition by Percent

	VP	P	F	G	EX
ID	0	0	24	54	22
MN	1	2	27	59	11
MT	1	2	24	59	14
ND	0	2	14	79	5
SD	0	1	24	69	6
WA	0	0	14	80	6
6 Sts	0	2	19	70	9
Prev Wk	0	2	22	68	8
Prev Yr	1	3	25	62	9

Sunflowers Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
CO	7	5	16	16
KS	5	0	4	14
ND	48	46	67	32
SD	10	14	30	17
4 Sts	27	27	45	24

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

Crop Progress and Condition

Week Ending May 29, 2016

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

Oats Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
IA	97	96	100	97
MN	97	91	97	79
NE	99	90	95	96
ND	72	71	84	55
OH	87	81	87	81
PA	95	90	93	88
SD	95	95	97	86
TX	100	100	100	100
WI	95	81	95	77
9 Sts	94	90	95	86

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

Oats Percent Headed

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
IA	6	11	24	12
MN	2	1	3	2
NE	18	7	22	19
ND	0	0	0	0
OH	5	1	5	11
PA	2	0	14	4
SD	4	2	6	5
TX	100	96	100	98
WI	2	0	1	2
9 Sts	29	25	30	32

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

Oat Condition by Percent

	VP	P	F	G	EX
IA	0	1	17	67	15
MN	0	1	18	66	15
NE	0	1	21	72	6
ND	1	2	14	80	3
OH	1	2	22	66	9
PA	6	2	27	58	7
SD	0	1	24	69	6
TX	3	11	37	41	8
WI	0	0	16	70	14
9 Sts	1	3	23	64	9
Prev Wk	1	3	23	64	9
Prev Yr	4	6	22	57	11

Rice Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	95	98	99	95
CA	99	70	96	95
LA	100	97	99	100
MS	95	96	98	93
MO	84	100	100	93
TX	85	98	99	96
6 Sts	95	93	98	96

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

Rice Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
AR	89	94	96	88
CA	86	30	45	66
LA	97	95	97	97
MS	86	88	94	85
MO	78	99	99	83
TX	82	92	97	90
6 Sts	88	83	87	85

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

Rice Condition by Percent

	VP	P	F	G	EX
AR	6	10	29	44	11
CA	0	0	7	73	20
LA	1	5	29	61	4
MS	0	2	21	55	22
MO	0	5	26	54	15
TX	5	5	34	47	9
6 Sts	3	6	25	54	12
Prev Wk	3	6	24	54	13
Prev Yr	1	5	26	48	20

Barley Percent Planted

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
ID	100	97	100	99
MN	100	98	100	89
MT	100	92	94	94
ND	99	94	98	73
WA	100	100	100	98
5 Sts	100	94	97	88

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

Barley Percent Emerged

	Prev Year	Prev Week	May 29 2016	5-Yr Avg
ID	99	82	88	86
MN	96	88	97	69
MT	94	83	89	74
ND	84	74	86	48
WA	99	83	90	92
5 Sts	92	80	88	69

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

Barley Condition by Percent

	VP	P	F	G	EX
ID	0	0	19	60	21
MN	0	3	21	64	12
MT	0	1	30	41	28
ND	0	2	15	78	5
WA	0	0	13	81	6
5 Sts	0	1	22	60	17
Prev Wk	0	1	23	58	18
Prev Yr	1	3	22	60	14

Crop Progress and Condition

Week Ending May 29, 2016

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

Pasture and Range Condition by Percent
Week Ending May 29, 2016

	VP	P	F	G	EX			VP	P	F	G	EX
AL	1	2	24	64	9		NH	0	6	27	59	8
AZ	17	12	36	31	4		NJ	0	1	37	57	5
AR	1	6	28	55	10		NM	2	17	48	29	4
CA	5	15	20	30	30		NY	0	4	36	51	9
CO	5	7	21	55	12		NC	2	9	42	42	5
CT	0	0	30	50	20		ND	1	4	24	65	6
DE	3	7	28	57	5		OH	1	2	15	64	18
FL	5	12	36	42	5		OK	1	8	37	47	7
GA	2	6	34	50	8		OR	3	12	25	46	14
ID	1	1	20	57	21		PA	5	5	19	53	18
IL	1	1	13	60	25		RI	0	0	25	75	0
IN	1	3	15	63	18		SC	0	3	24	66	7
IA	0	3	19	57	21		SD	0	2	17	70	11
KS	0	2	24	61	13		TN	2	12	31	48	7
KY	1	6	22	59	12		TX	2	6	25	46	21
LA	0	7	29	57	7		UT	0	2	19	57	22
ME	0	15	40	45	0		VT	0	29	5	65	1
MD	1	3	19	66	11		VA	4	12	32	42	10
MA	0	12	22	64	2		WA	0	5	19	62	14
MI	1	6	23	53	17		WV	2	7	28	57	6
MN	0	4	19	67	10		WI	0	3	25	54	18
MS	2	6	28	55	9		WY	0	4	18	62	16
MO	1	4	40	51	4		48 Sts	2	6	26	53	13
MT	4	11	39	39	7							
NE	0	0	12	71	17		Prev Wk	2	6	28	52	12
NV	0	5	25	40	30		Prev Yr	2	8	29	48	13

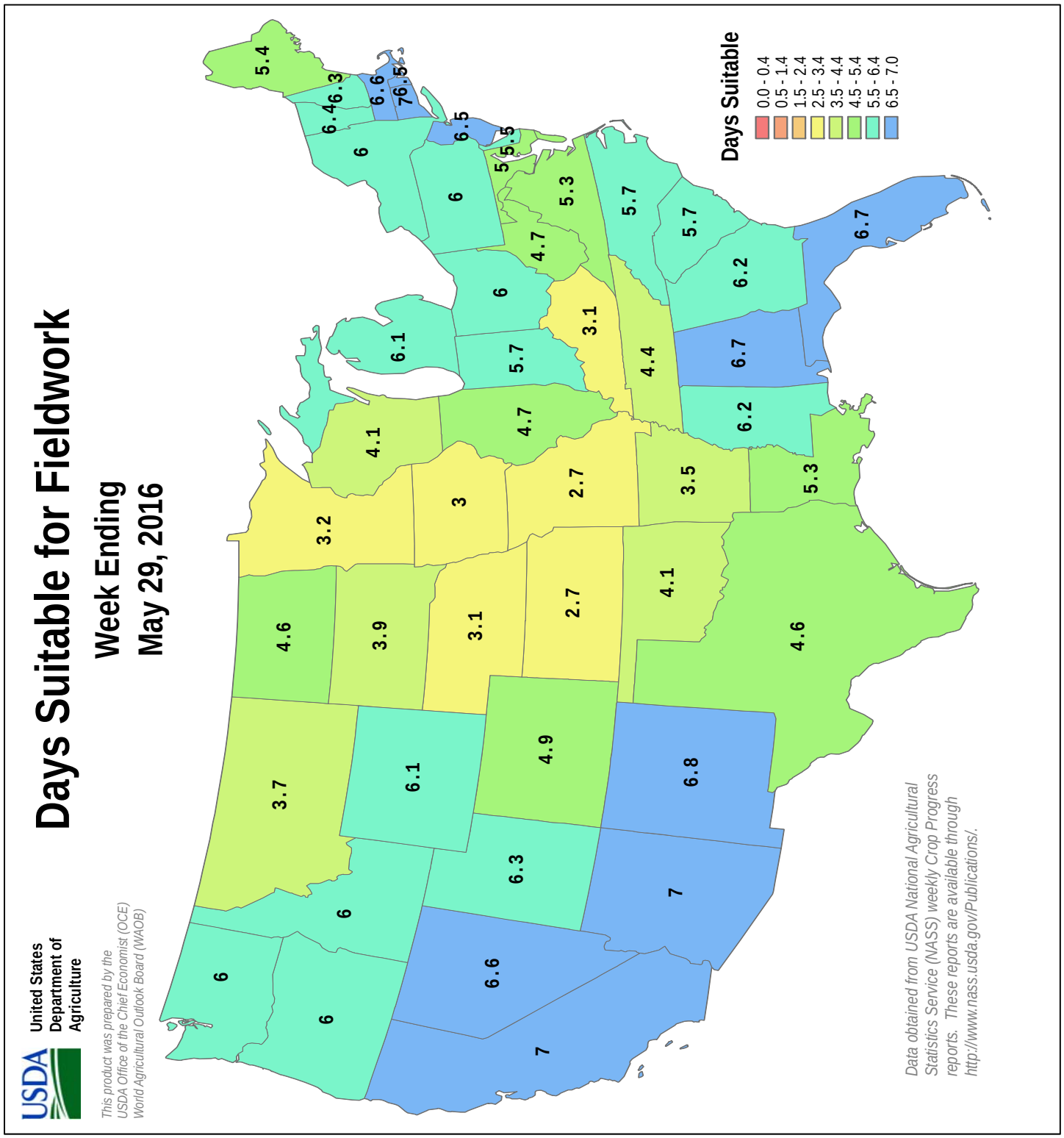
VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
*** Revised**

Crop Progress and Condition

Week Ending May 29, 2016

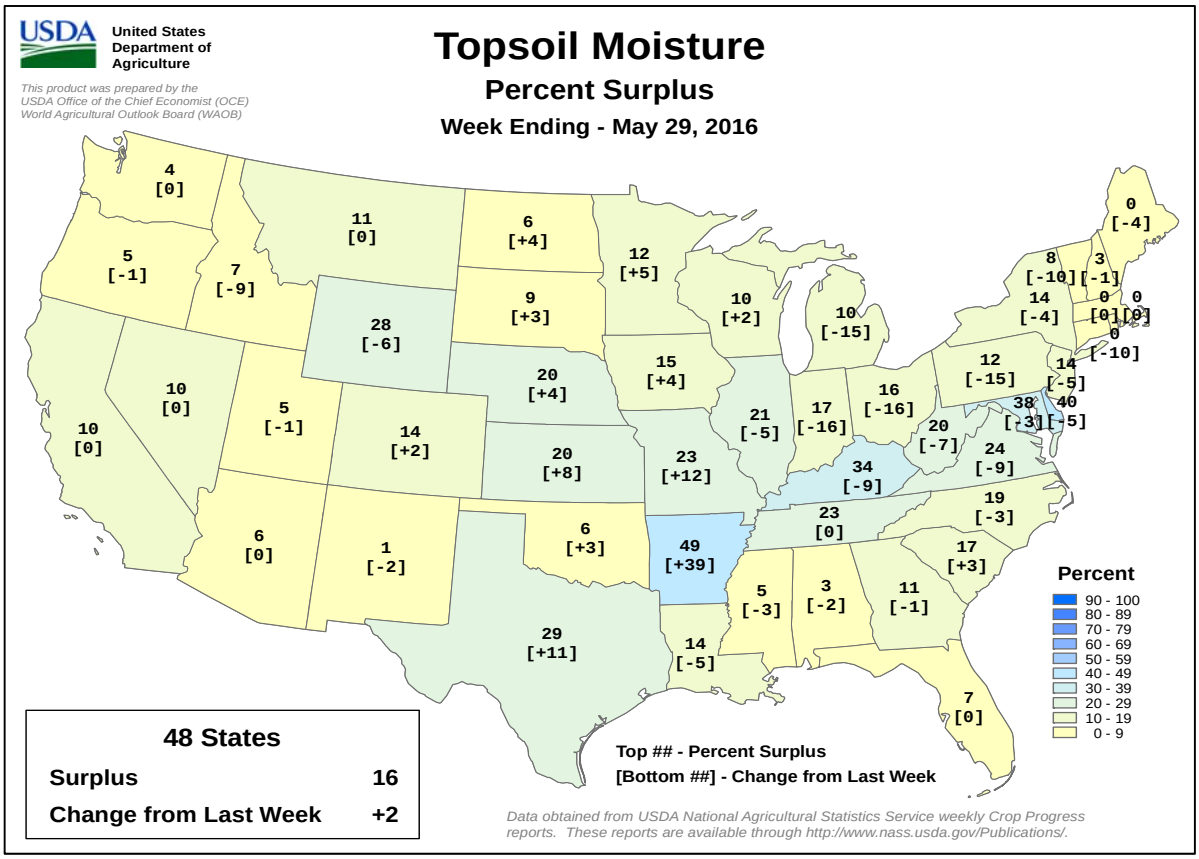
Weekly U.S. Progress and Condition Data provided by USDA/NASS

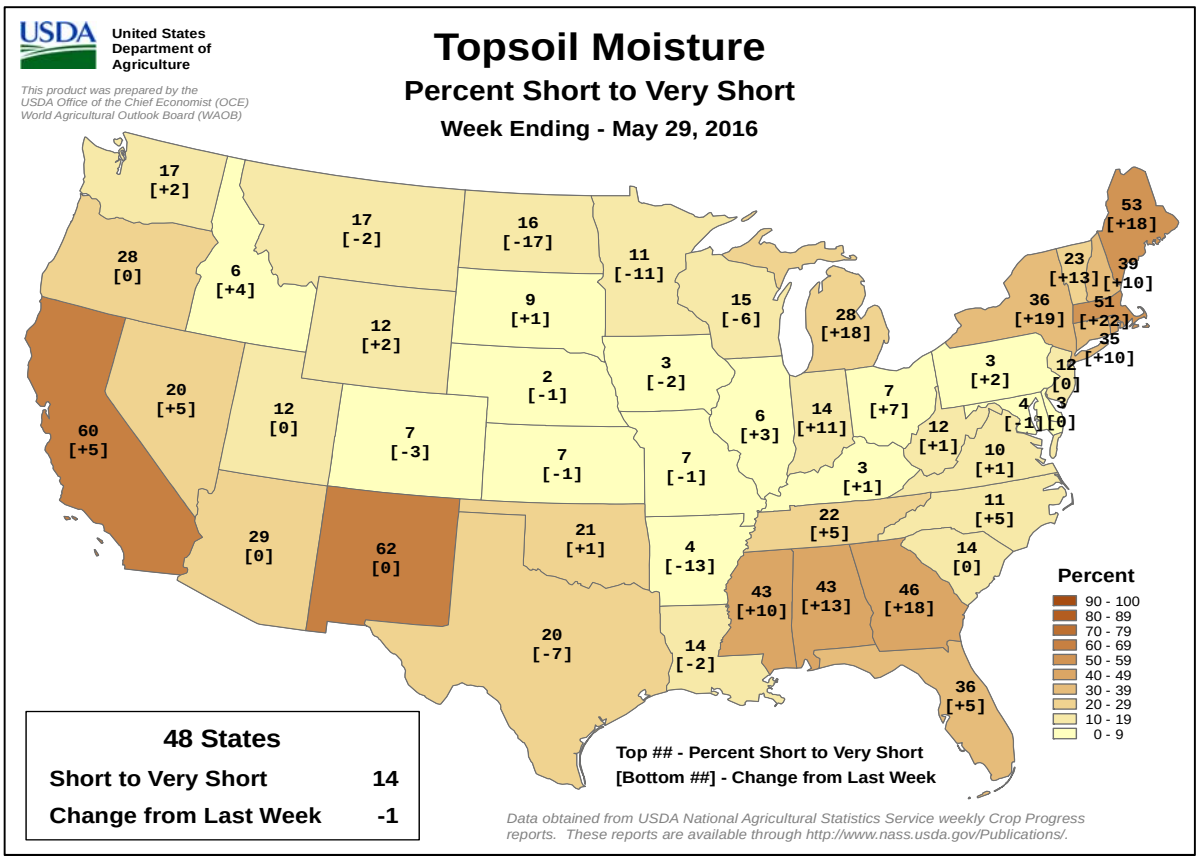


Crop Progress and Condition

Week Ending May 29, 2016

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

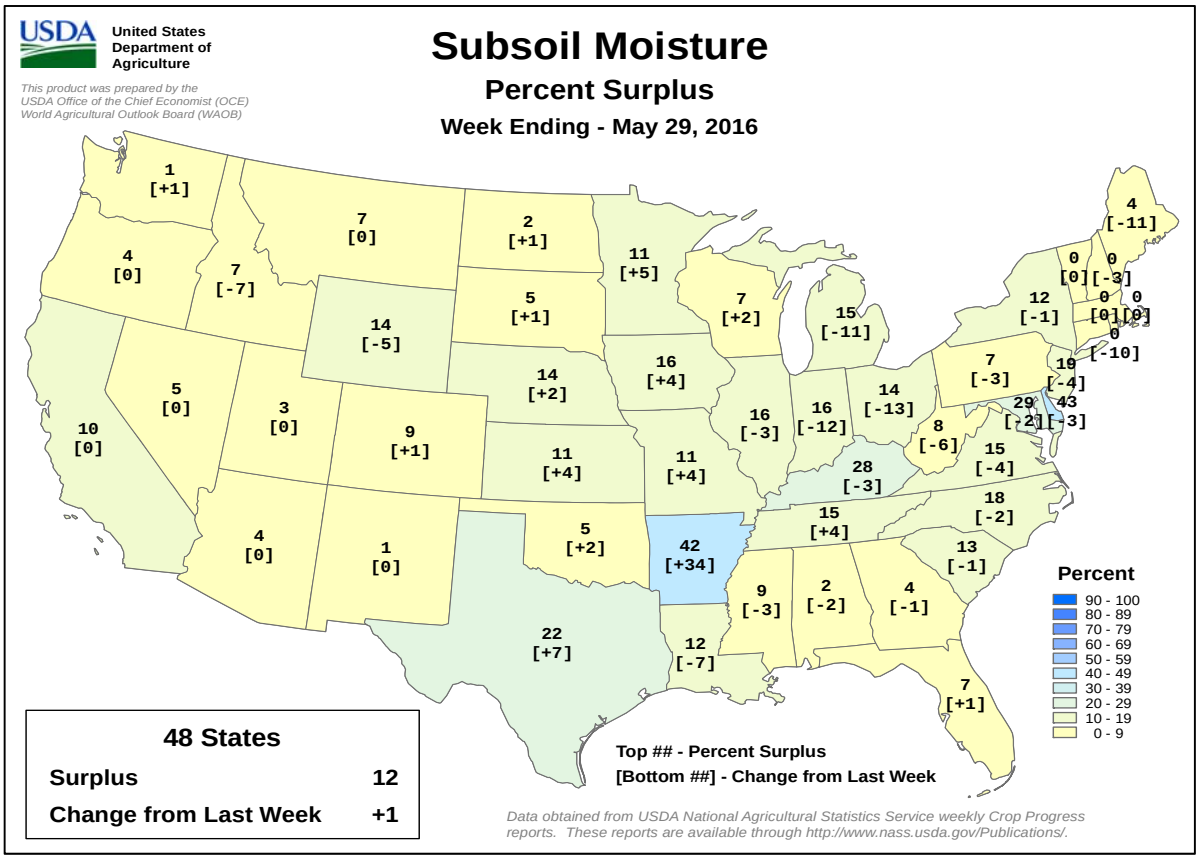


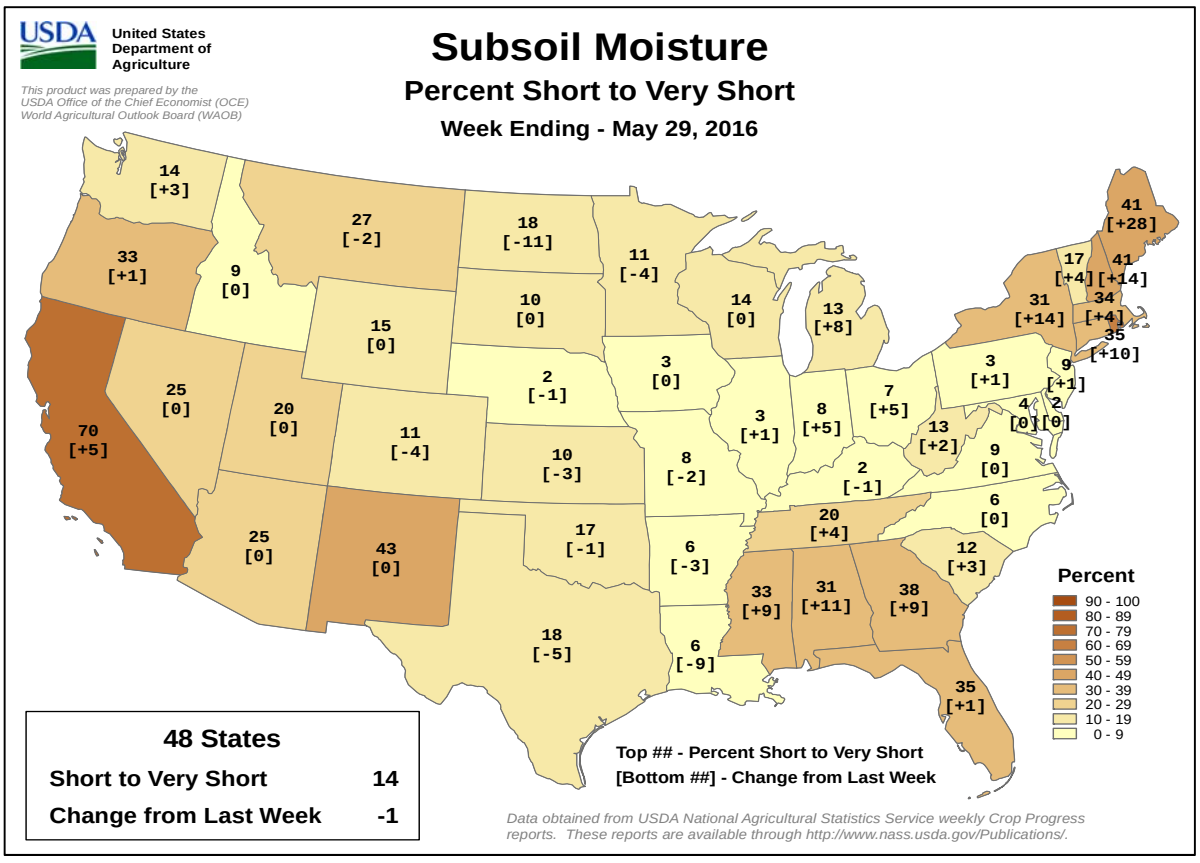


Crop Progress and Condition

Week Ending May 29, 2016

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





International Weather and Crop Summary

May 22-28, 2016

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

HIGHLIGHTS

EUROPE: Rain returned to much of the continent, maintaining good to excellent conditions for reproductive to filling winter crops.

WESTERN FSU: Widespread, locally heavy rain sustained excellent prospects for reproductive to filling winter wheat but hampered fieldwork.

EASTERN FSU: Mostly dry, increasingly warm weather promoted spring wheat planting and emergence over northern Kazakhstan and central Russia.

MIDDLE EAST: Additional late-season showers over Turkey sustained or improved yield prospects for filling winter grains.

SOUTH ASIA: Pre-monsoon showers continued in India, as farmers await the onset of summer rainfall before beginning widespread planting.

EAST ASIA: Widespread showers maintained favorable moisture conditions for summer crops in eastern China.

SOUTHEAST ASIA: Monsoon showers encouraged rice transplanting across northern sections of the region.

AUSTRALIA: Showers maintained good to excellent early-season yield prospects for winter grains and oilseeds.

ARGENTINA: Continuing dryness fostered rapid corn and soybean harvesting.

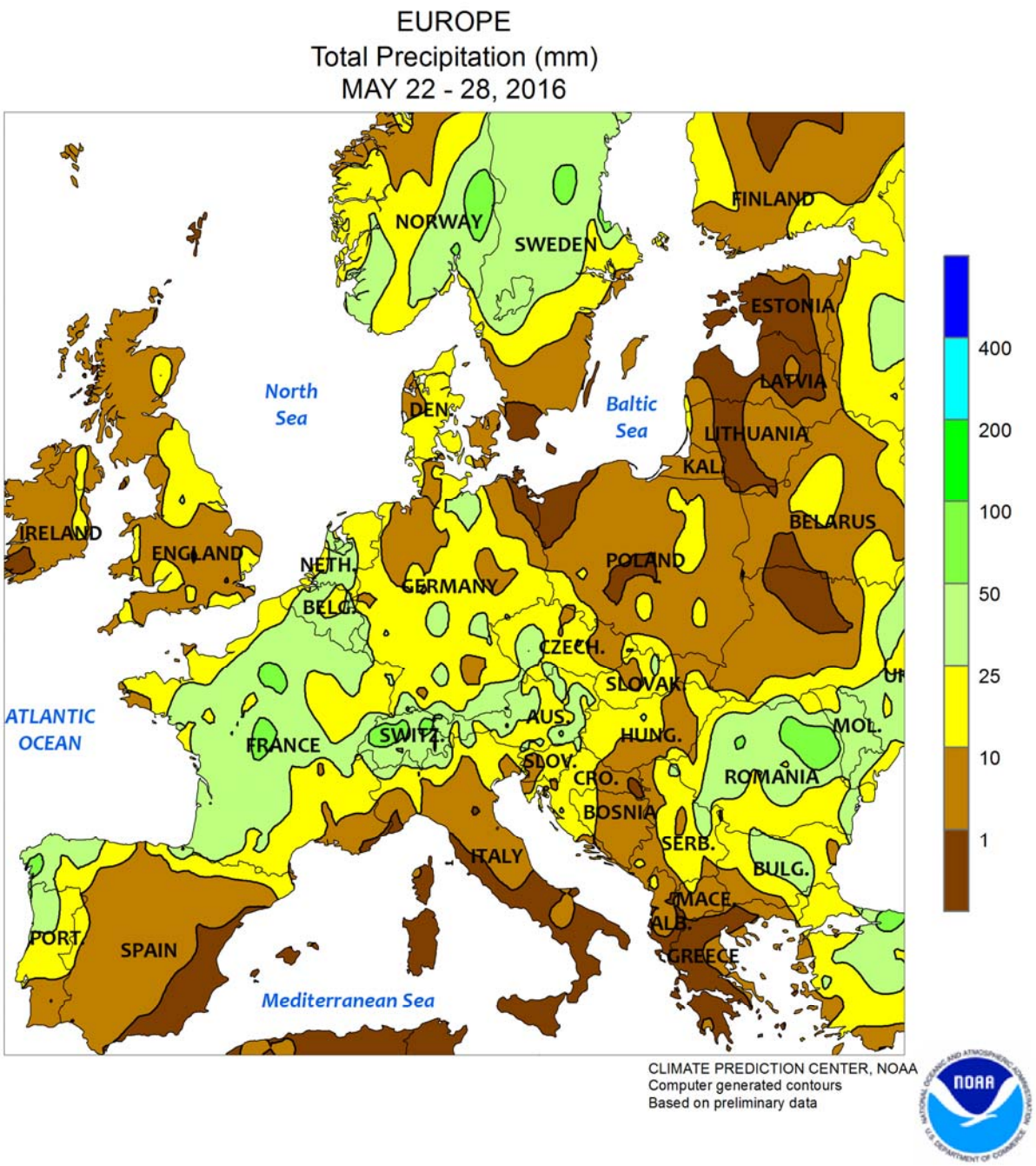
BRAZIL: Beneficial rain lingered over southern corn areas as warmth and dryness sped corn and cotton development farther north.

MEXICO: Showers provided much-needed moisture for corn in eastern production areas but dryness persisted in western farming areas.

CANADIAN PRAIRIES: Beneficial rain continued in previously-dry western spring grain and oilseed areas.

SOUTHEASTERN CANADA: Warmer weather spurred development of wheat and pastures, while hastening emergence of corn and soybeans.

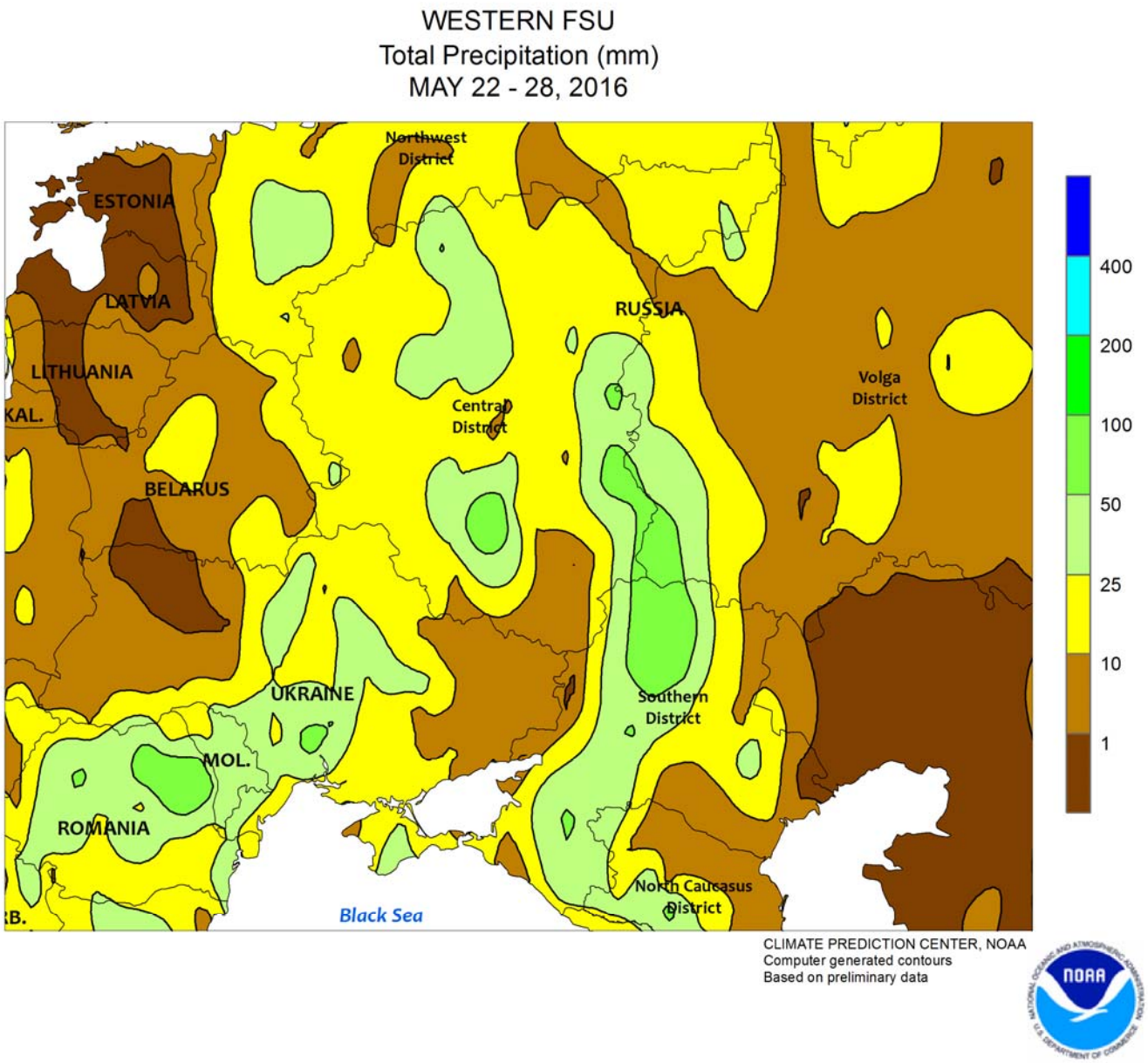
For additional information contact: mbrusberg@oce.usda.gov



EUROPE

After a brief respite, the resumption of wet weather benefited reproductive to filling winter crops but slowed seasonal fieldwork. Rain was heaviest (25-70 mm, locally more) from France southeastward into the Balkans, with somewhat lighter showers (5-25 mm) reported elsewhere. The return of showers and thunderstorms benefitted reproductive winter rapeseed as well as reproductive to filling winter wheat over central and northern Europe. In southern portions of the continent, winter wheat was advancing toward maturity in the lower Danube River Valley and ranged from filling to harvesting in northern and southern Spain, respectively. Satellite-derived vegetation health data supported good to excellent yield prospects over much of the continent, though drier weather would be welcomed for winter crop maturation and drydown over the upcoming weeks. Soil moisture also remained adequate to abundant for vegetative spring grains and summer crops, including corn, sunflowers, and soybeans. Although temperatures averaged up to 6°C above normal in eastern Europe, there were no concerns of heat stress with daytime highs in the upper 20s (degrees C).

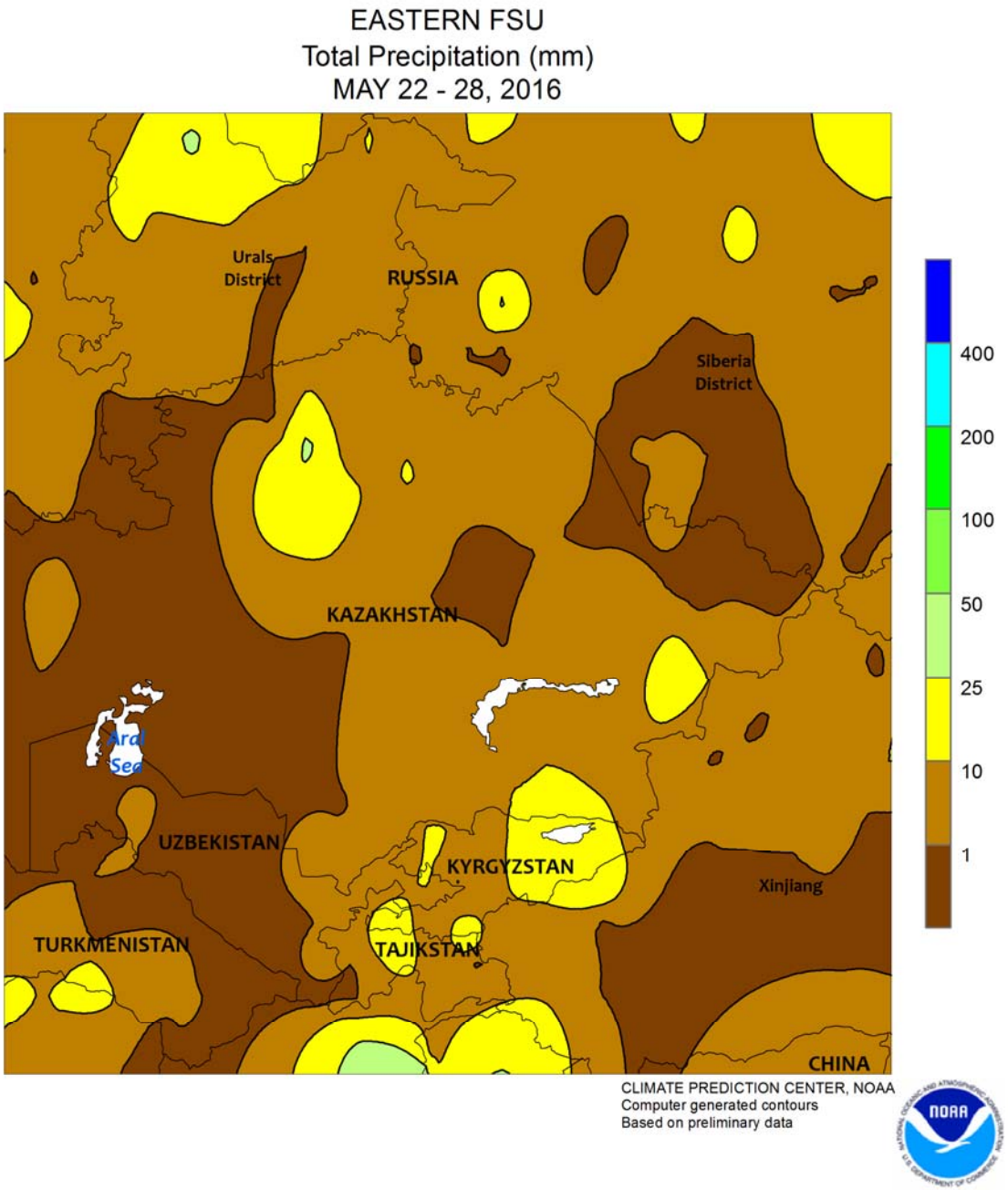
For additional information contact: mbrusberg@oce.usda.gov



WESTERN FSU

Unsettled weather prevailed over much of the region, sustaining good to excellent winter crop prospects but curtailing seasonal fieldwork. A stagnant weather pattern — the result of a blocking high over northern portions of Eurasia — resulted in widespread, locally heavy showers and thunderstorms (10-90 mm) from central Ukraine and southeastern Belarus into western and southern Russia. Somewhat drier conditions (5 mm or less) were noted in eastern and northwestern Ukraine, but the overall trend of wet weather prevailed across the region. Preliminary monthly rainfall data (through May 30) showed the highest May rainfall on record (since 1980) in central and northern portions of Ukraine as well as southwestern Russia, with some locales over 400 percent of normal. The abundance of rain sustained good to excellent yield prospects for reproductive (north) to filling (south) winter wheat, though any remaining corn and sunflower planting was likely further delayed. Heat (30-33°C) began to build over eastern crop areas, but there were no concerns of crop stress due to soil moisture surpluses.

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



EASTERN FSU

Increasingly warm, mostly dry weather prevailed over the region's major wheat areas. Across northern Kazakhstan and neighboring portions of central Russia, sunny skies and above-normal temperatures promoted a rapid pace of spring wheat planting and emergence. However, producers would likely welcome rain in the near future following a drier-than-normal May. Farther south, drier weather returned to Uzbekistan and environs, promoting winter wheat maturation and drydown.

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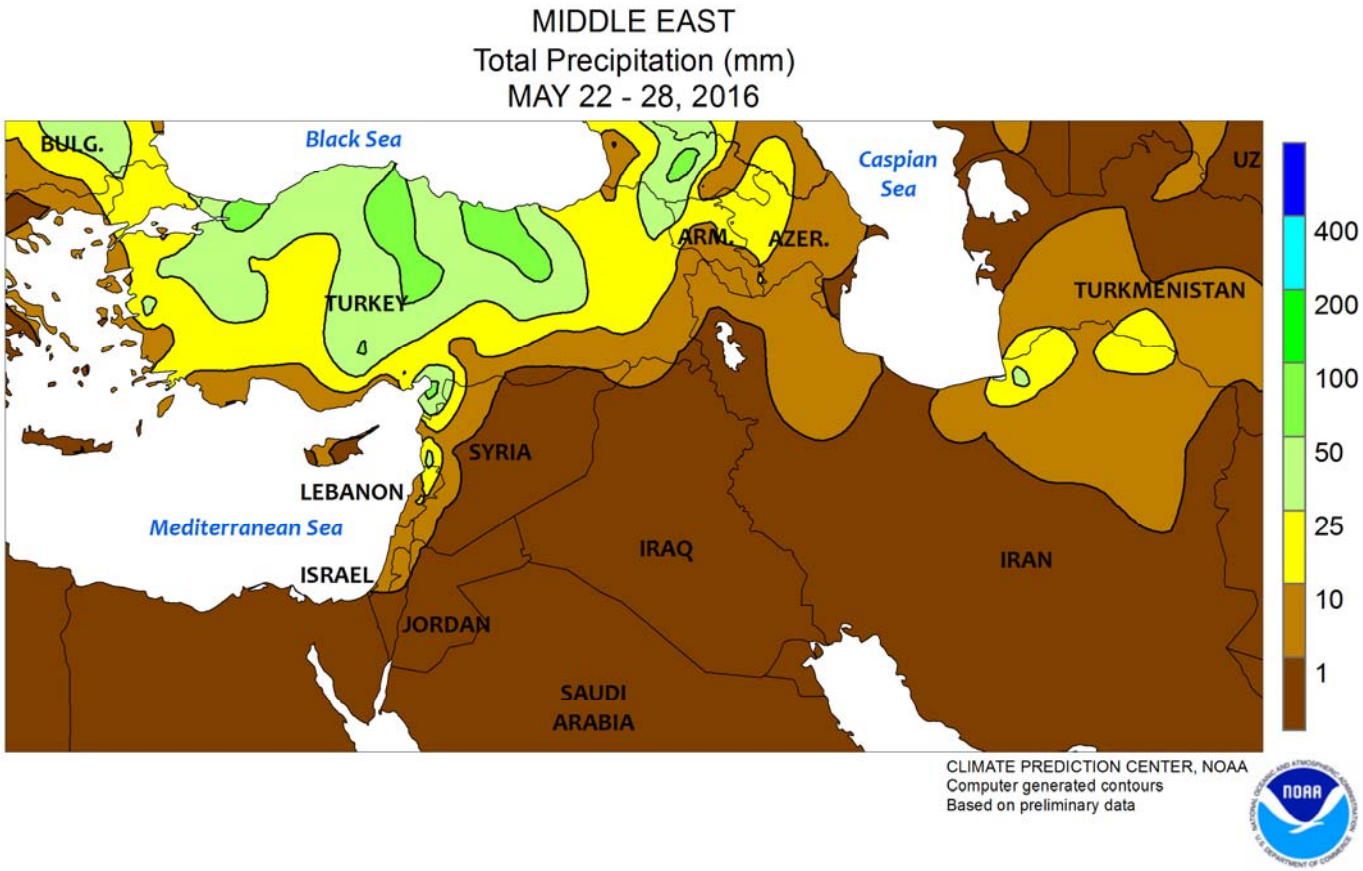
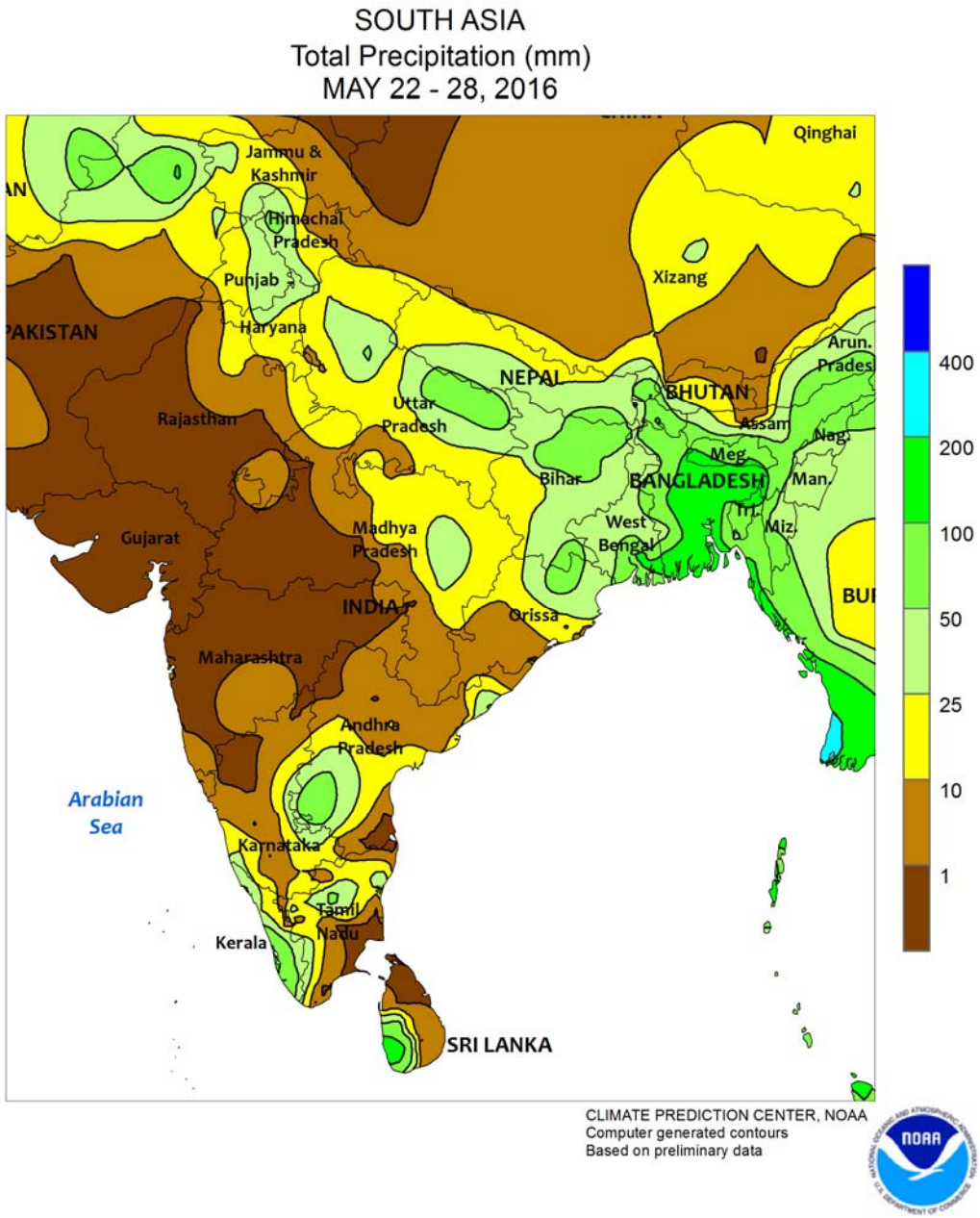


MIDDLE EAST

Unsettled weather prevailed in northern portions of the region, while seasonably dry, hot conditions continued across southern crop areas. In Turkey and northeastern Iran, moderate to heavy rainfall (10-70 mm, locally more) sustained adequate moisture supplies for filling winter wheat and barley. The rain also boosted irrigation reserves for warm-season summer crops, including sunflowers, corn, and cotton. However, unseasonable showers (10-40 mm) along the eastern Mediterranean Coast hampered winter wheat drydown and harvesting. Across the southern half of the region, sunny, seasonally hot conditions favored winter grain harvesting.

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



SOUTH ASIA

The boundary of the summer monsoon made little progress, as reported by the Indian Meteorological Department, remaining stationary in the lower Bay of Bengal near the Andaman Islands. In the meantime, pre-monsoon showers (25-50 mm or more) continued in northern border states of India as well as the far southern states, while seasonably hot, dry weather continued in the west (Rajasthan, Gujarat, and Maharashtra). Fieldwork preparations continued across India, with a limited amount of summer (kharif) planting underway (planting occurred where irrigation supplies were adequate, mainly cotton and rice in the north). Elsewhere in the region, moderate to heavy showers (10-100 mm) benefited spring-sown rice in Bangladesh and Sri Lanka, while irrigated cotton and rice cultivation was underway in Pakistan.

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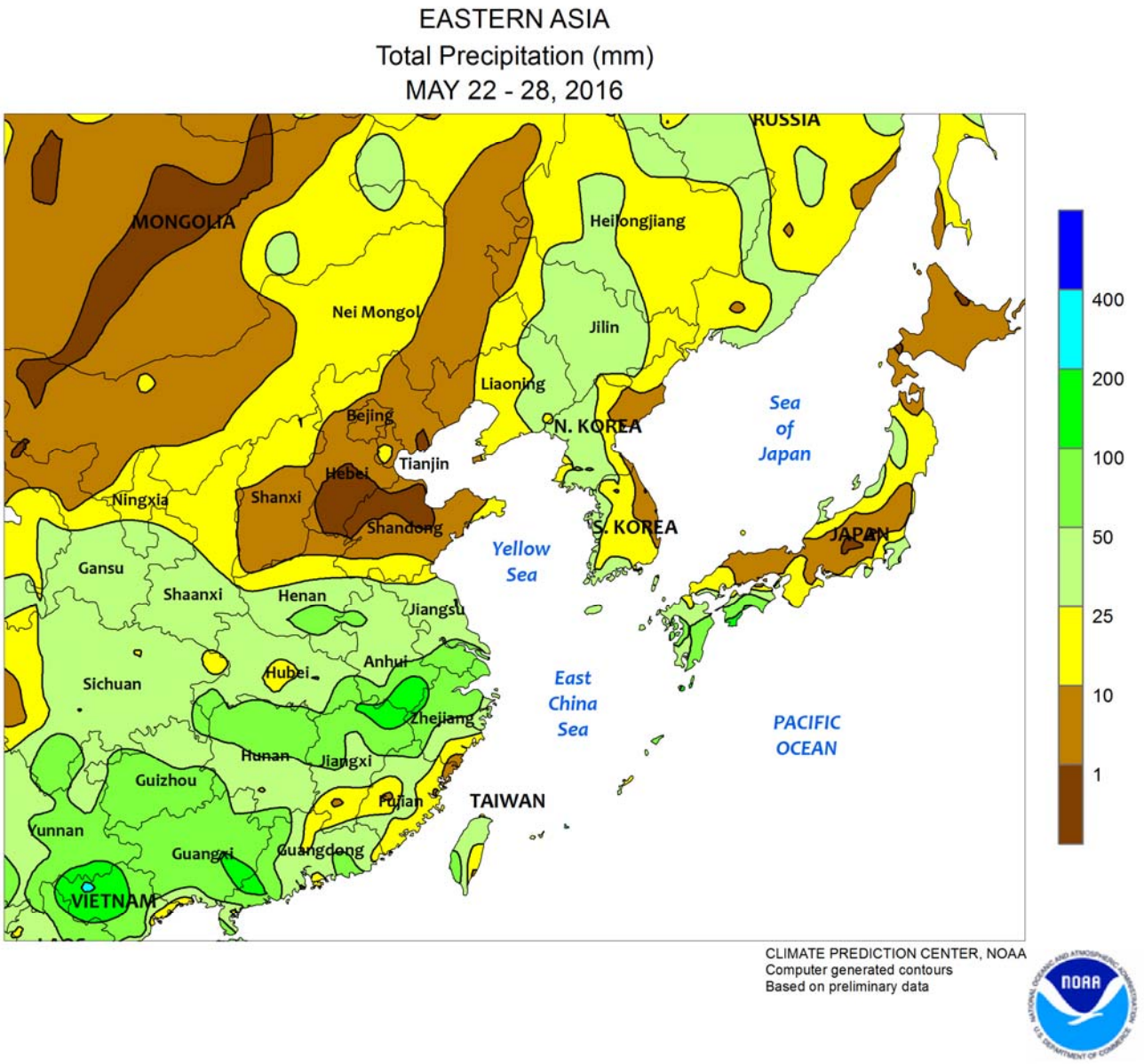
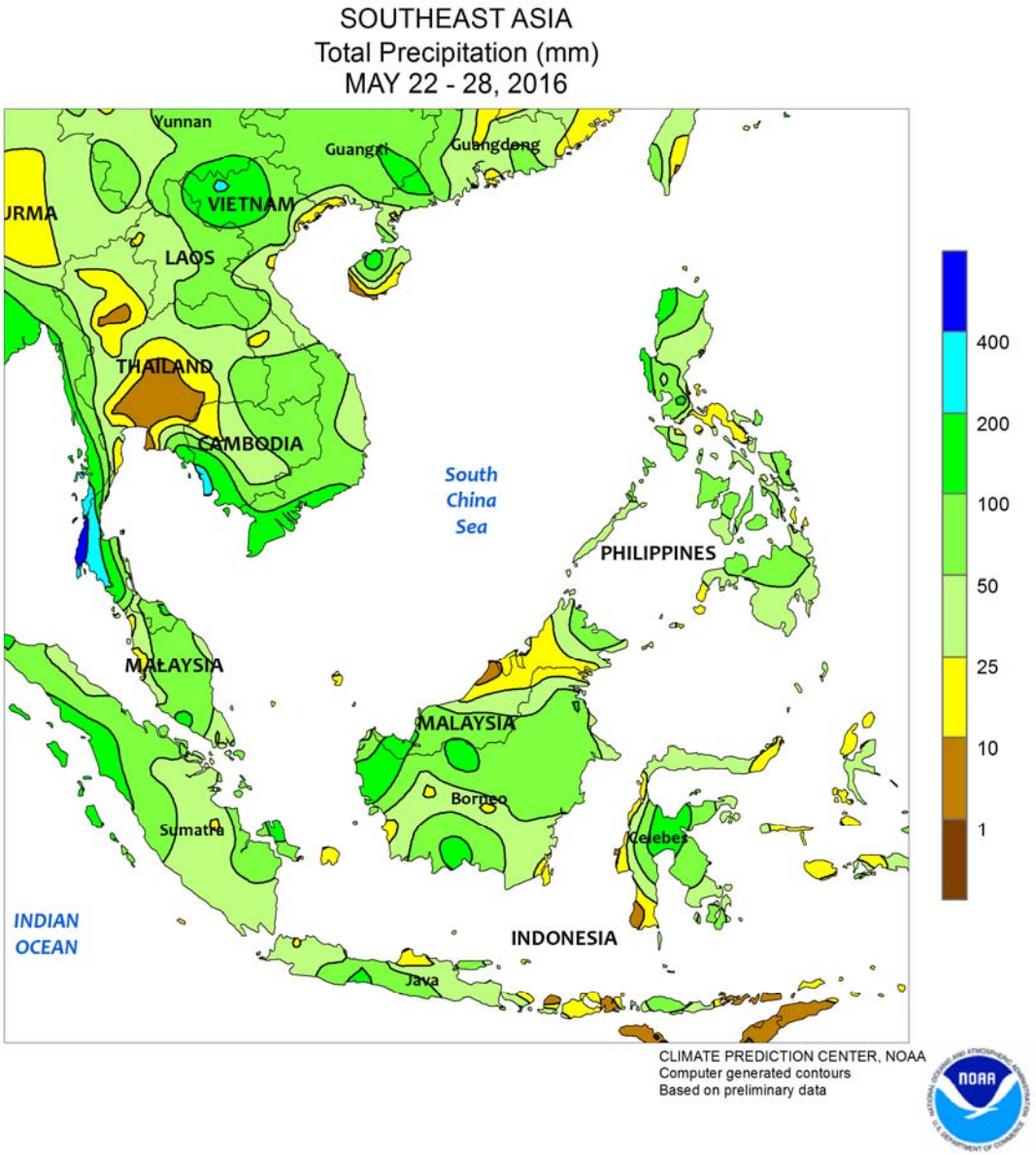


EASTERN ASIA

Rainfall was reported in nearly all major growing areas of eastern China. Heavy showers (25-50 mm, locally over 100 mm) in southern China kept rice and other summer crops well watered, while also maintaining abundant water stores for irrigation. Early-crop rice was ripening across the southeastern provinces and single-crop rice planting was nearing completion in the Yangtze Valley. Rainfall (25-50 mm) also encroached onto southern sections of the North China Plain (Henan, Anhui, and Jiangsu), providing unfavorably wet conditions for maturing winter wheat. Meanwhile, wheat in northern portions of the North China Plain (Shandong and Hebei) experienced beneficially dry, seasonably warm conditions. Wheat harvesting typically begins in mid-June and is completed by the end of June. In northeastern China, moderate to heavy showers (10-50 mm) during the first half of the week maintained good soil moisture for emerging corn and soybeans as well as for rice establishment. Rainfall during May has been above normal and better than last year in most northeastern growing areas. In other parts of the region, showers (25-50 mm) continued to aid rice establishment on the Korean Peninsula, where rainfall was much improved over last year at the same time. Rainfall was lighter in Japan for the week (less than 20 mm in most areas) as rice cultivation continued to progress at a good pace.

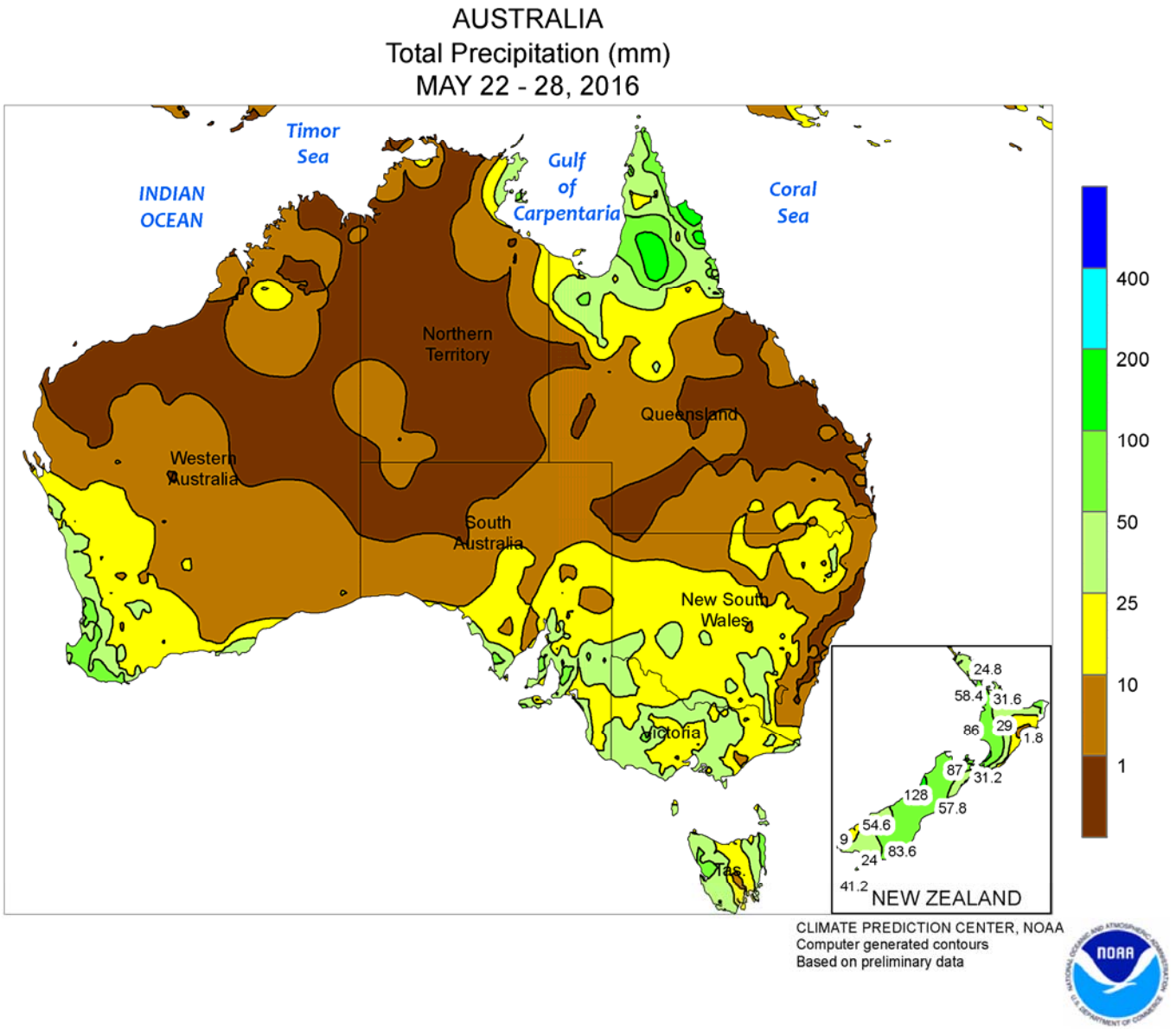
For additional information contact: mbrusberg@oce.usda.gov



SOUTHEAST ASIA

Monsoon showers overspread much of the region, bringing much-needed water to northern areas experiencing long-term drought and prolonging the wet season in southern sections of the region. Rainfall was in excess of 25 mm across large swaths of Thailand, although pockets of dryness persisted in the lower Chao Phraya River basin. The late start of the monsoon in Thailand kept rainfall totals for May below normal but still ahead of last year's totals for the same period. Showers (25-50 mm or more) were also reported in Laos and throughout Vietnam, aiding water supplies for summer rice. In addition, monsoon showers (25-100 mm or more) were reported in every region of the Philippines, with the highest rainfall totals (over 100 mm) occurring in western Luzon. Meanwhile, showers (25-100 mm) continued to improve soil moisture for oil palm in Malaysia and kept oil palm and spring-sown rice in Indonesia well watered.

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



AUSTRALIA

In Western Australia, scattered showers (5-25 mm) maintained good to excellent early-season yield prospects for wheat, barley, and canola. Similarly, widespread, soaking rains (10-50 mm) in South Australia, Victoria, and southern New South Wales benefited recently-sown winter grains and oilseeds, aiding germination, emergence, and establishment. Elsewhere in the wheat belt, scattered showers (5-25 mm) overspread northern New South Wales and extreme southern Queensland, providing a welcome boost in topsoil moisture for wheat and other winter crops. The rain may have temporarily disrupted local fieldwork in these latter two regions, but summer crop harvesting should be nearing completion, resulting in little if any negative impacts on crop quality. Temperatures averaged near to slightly above normal throughout the wheat belt (up to 1°C above normal), with maximum temperatures generally in the 10s and 20s degrees C.

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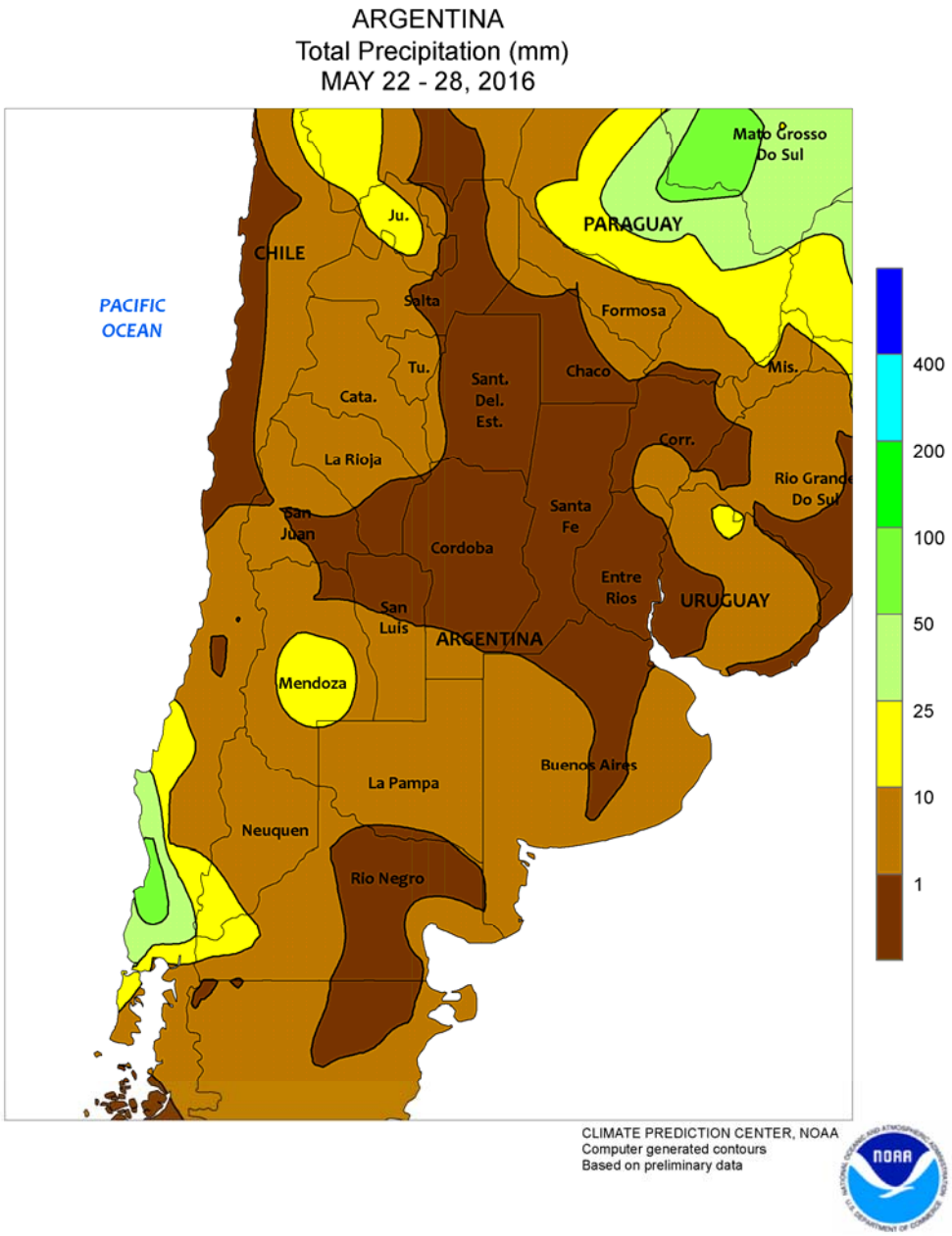
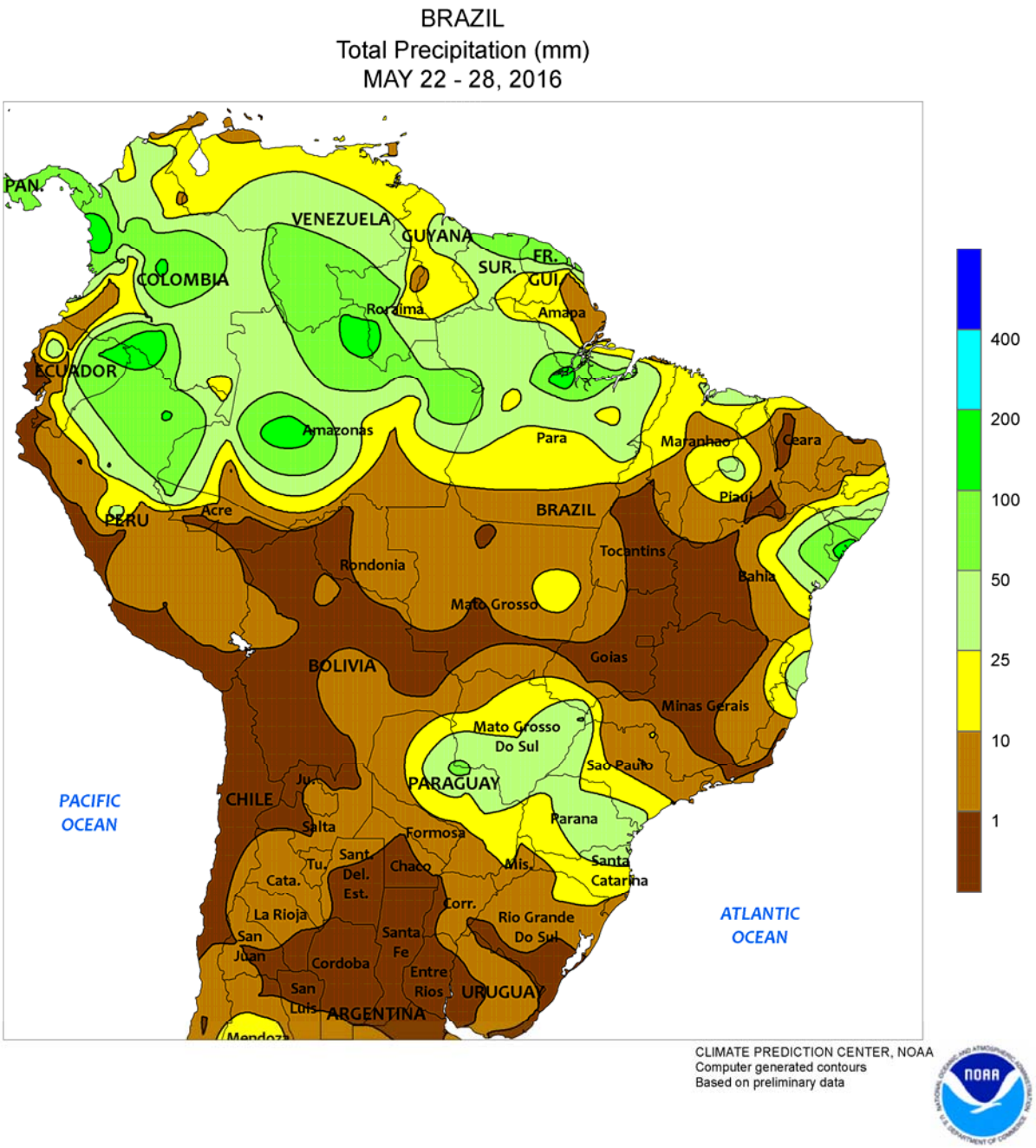


ARGENTINA

Dry weather dominated all major agricultural areas, fostering rapid harvesting of corn and soybeans. Virtually no rain fell, with very few locations reporting more than 5 mm. Weekly temperatures averaged near to slightly below normal in and around La Pampa and Buenos Aires, with frost (nighttime temperatures as low as -1°C) recorded as far north as Cordoba at the beginning of the week. Daytime highs stayed below 20°C throughout most of central Argentina. Weekly average temperatures were up to 3°C below normal across northern Argentina, with daytime highs only briefly reaching the middle 20s (degrees C). According to Argentina's Ministry of Agriculture, soybean harvesting advanced 10 points to 75 percent complete as of May 26, compared with 90 percent last year. Corn harvesting rose 4 points to 32 percent complete versus 49 percent last year.

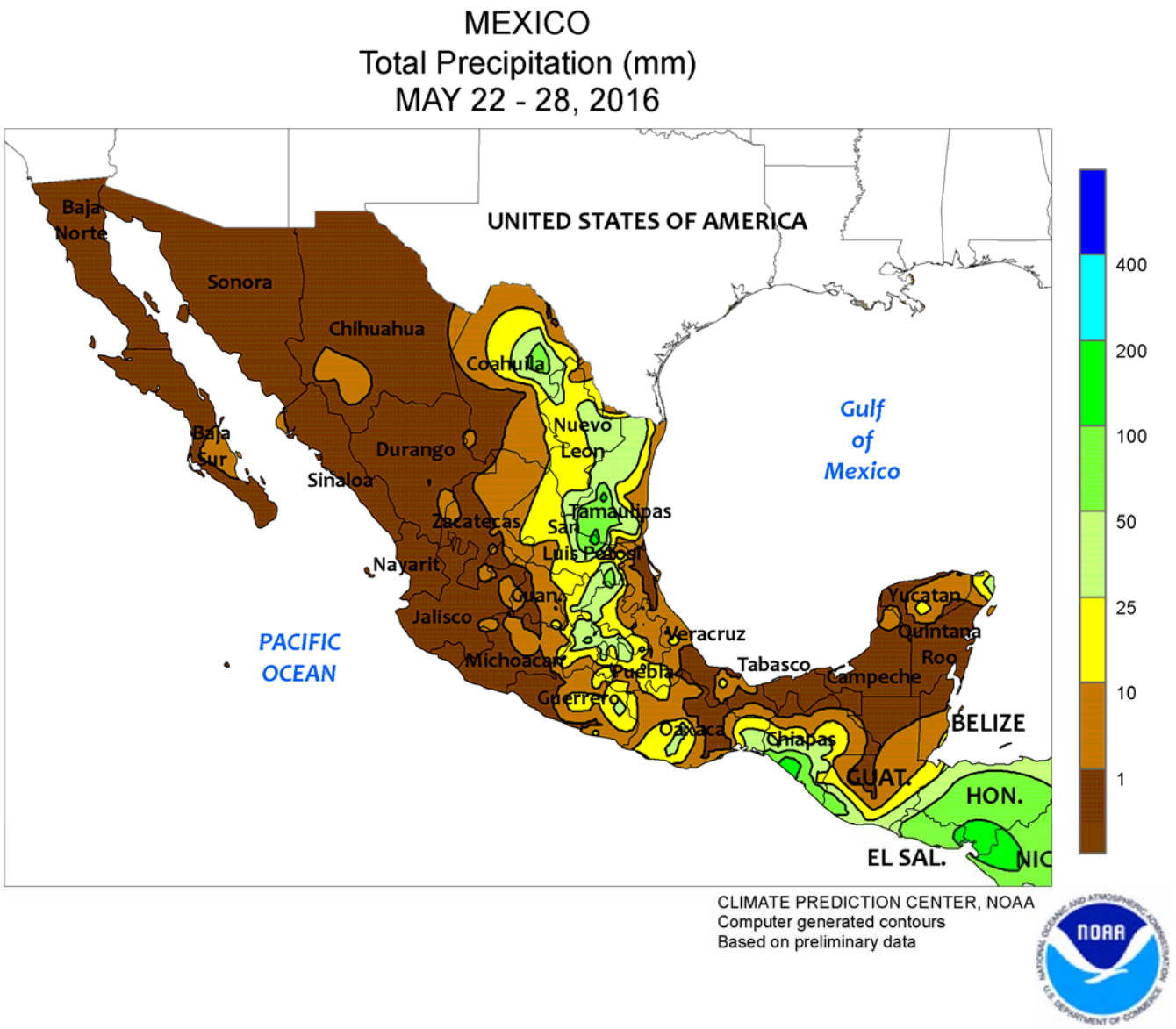
For additional information contact: mbrusberg@oce.usda.gov



BRAZIL

Beneficial rain overspread Brazil's southern corn areas, as seasonably drier conditions continued to dominate central and northeastern farming areas. Rainfall totaled 10 to 60 mm in key farming areas of Parana, Mato Grosso do Sul, western Sao Paulo, and in neighboring Paraguay. Weekly average temperatures were near to slightly below normal, with nighttime lows falling below 5°C in southern production areas. Daytime highs reached the lower and middle 20s (degrees C) on most days in the locations recording rainfall. According to the government of Parana, second-crop corn was 54 percent filling and 8 percent flowering as of May 30, with harvesting in the early stages. Meanwhile, seasonable dryness continued farther north, with just a few locations in Mato Grosso and Piaui recording more than 10 mm. Daytime highs routinely reached the lower and middle 30s (degrees C) in this region, speeding maturation of second-crop corn and cotton. In contrast, seasonal showers (10-50 mm, locally higher) continued along the northeastern coast, providing moisture for sugarcane, cocoa, and other seasonal crops.

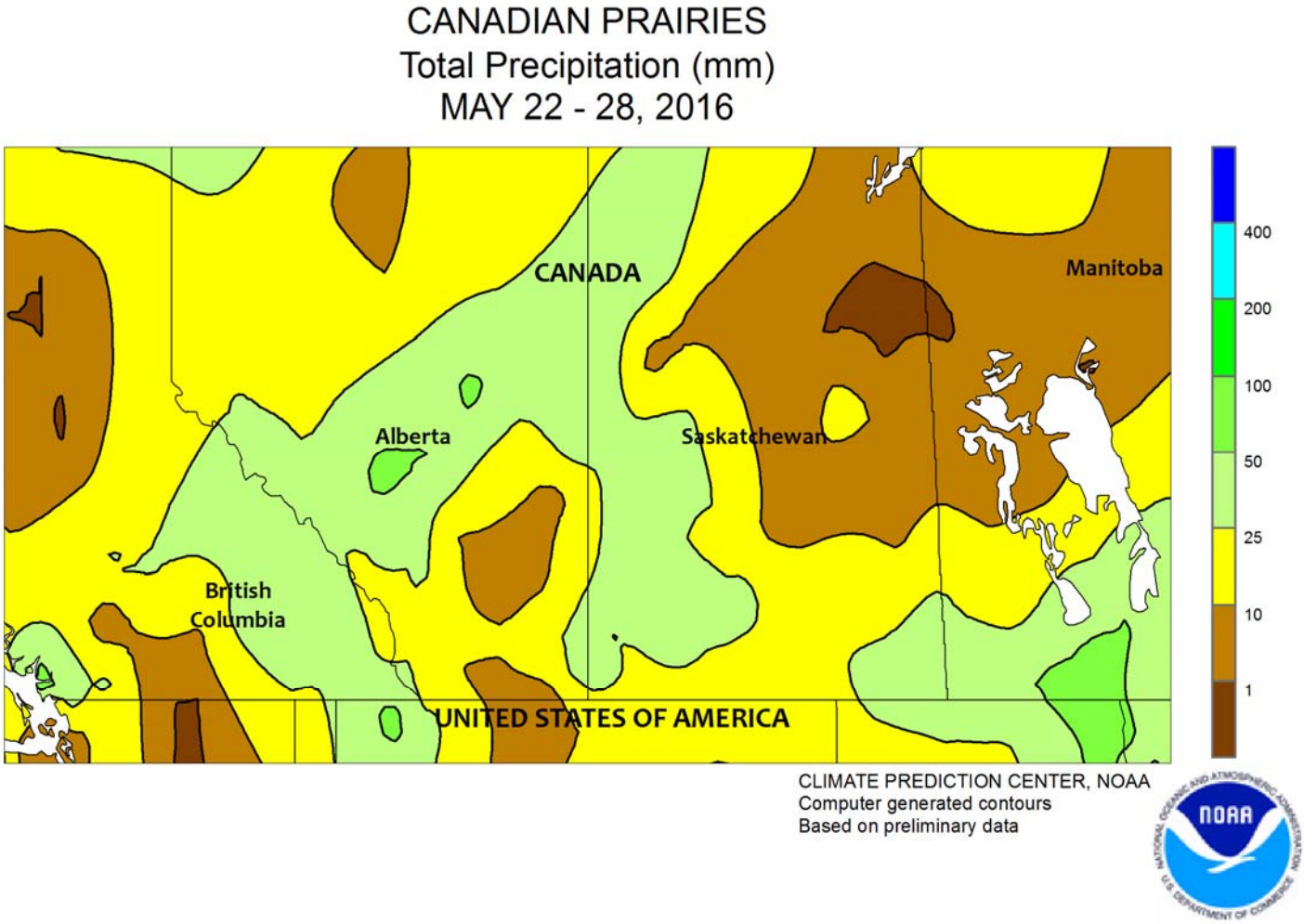
For additional information contact: mbrusberg@oce.usda.gov



MEXICO

Showers intensified over eastern sections of the southern plateau but unseasonable dryness returned to western areas. Rainfall totaled 10 to 25 mm — locally higher — in Puebla and Mexico, key producers of summer corn. However, mostly dry, warmer-than-normal weather (weekly temperatures averaging 3°C above normal, with daytime highs reaching the middle 30s degrees C) reduced moisture for germination and establishment of corn and other rain-fed summer crops in western production areas (notably Jalisco and Michoacan). Unseasonably dry conditions also dominated most of southeastern Mexico, although locally heavy rain (greater than 25 mm) fell in coffee areas of Chiapas. Rainfall diminished from the previous week over the northeast, though locally heavy showers (10-50 mm, locally higher) lingered over southern Tamaulipas and eastern San Luis Potosi, boosting moisture for sugarcane. However, unseasonable warmth (daytime highs approaching 40°C) sustained high moisture demands of crops and livestock. Dryness and summer warmth (daytime highs reaching the upper 30s degrees C in spots) in northwestern farming areas fostered drydown and harvesting of winter wheat and corn.

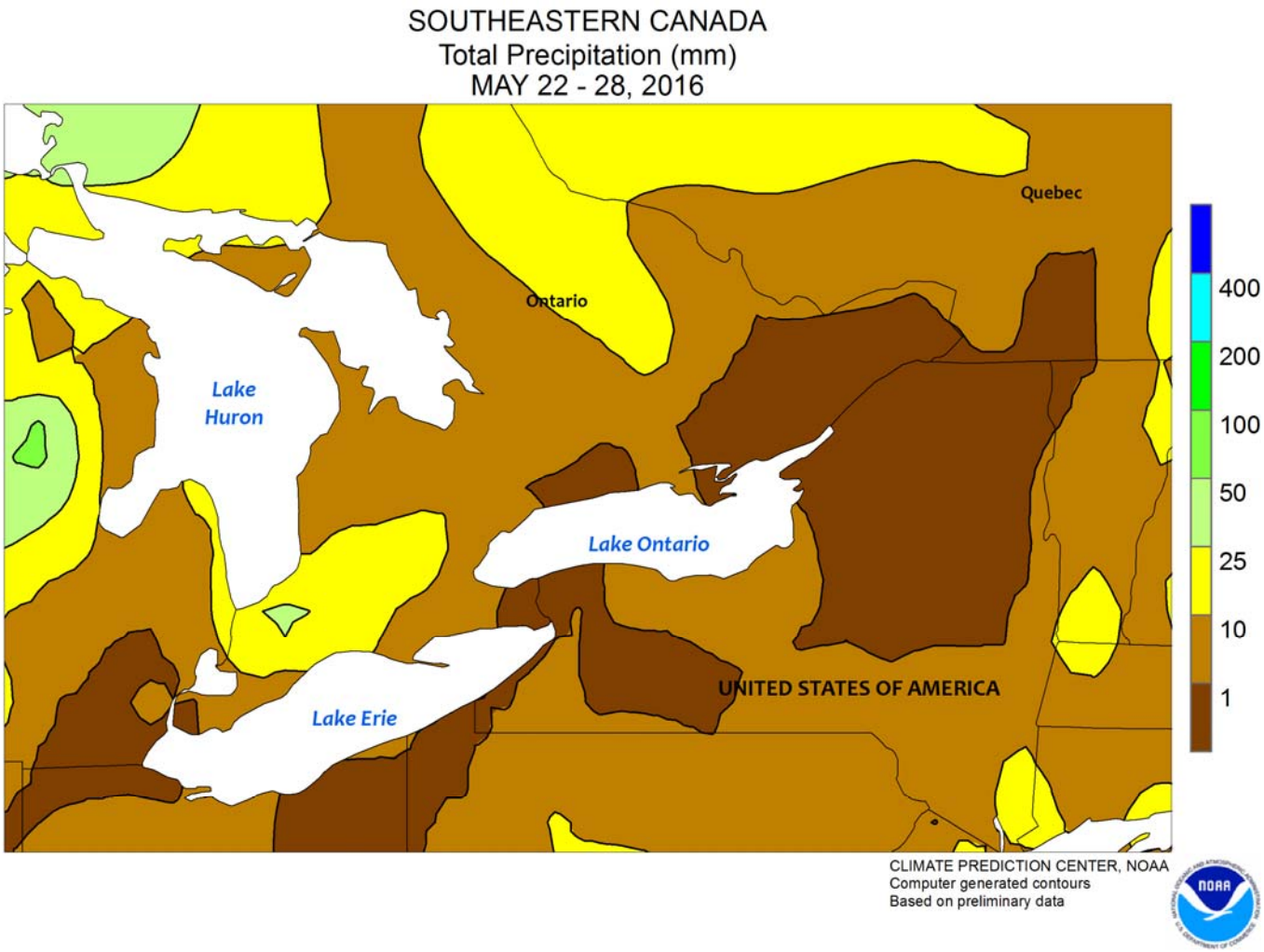
For additional information contact: mbrusberg@oce.usda.gov



CANADIAN PRAIRIES

A second week of above-normal rainfall benefited previously-dry western farming areas. More than 25 mm fell over large sections of Alberta and western Saskatchewan, with most agricultural districts recording at least 10 mm. Beneficial rain (10-50 mm) also fell in southeastern Saskatchewan and Manitoba's southern farming areas, providing timely moisture for emerging spring grains and oilseeds, but drier conditions (rainfall totaling less than 5 mm at most locations) prevailed in Saskatchewan's northeastern croplands and Manitoba's northern Interlake Region. Weekly average temperatures ranged from 1 to 2°C below normal over Alberta and southwestern Saskatchewan to more than 3°C above normal in Manitoba's Red River Valley. Nighttime lows dropped below freezing in some of the cooler locations of Alberta and Saskatchewan but temperatures stayed well above freezing in most other areas. Daytime highs exceeded 20°C on several days though cooler weather (highs ranging from the high single digits to the upper 10s) returned at week's end. Despite the rain, fieldwork continued to make good progress. For example, according to the government of Saskatchewan, planting of all crops was 81 percent complete as of May 23, compared with the 5-year average of 59 percent.

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



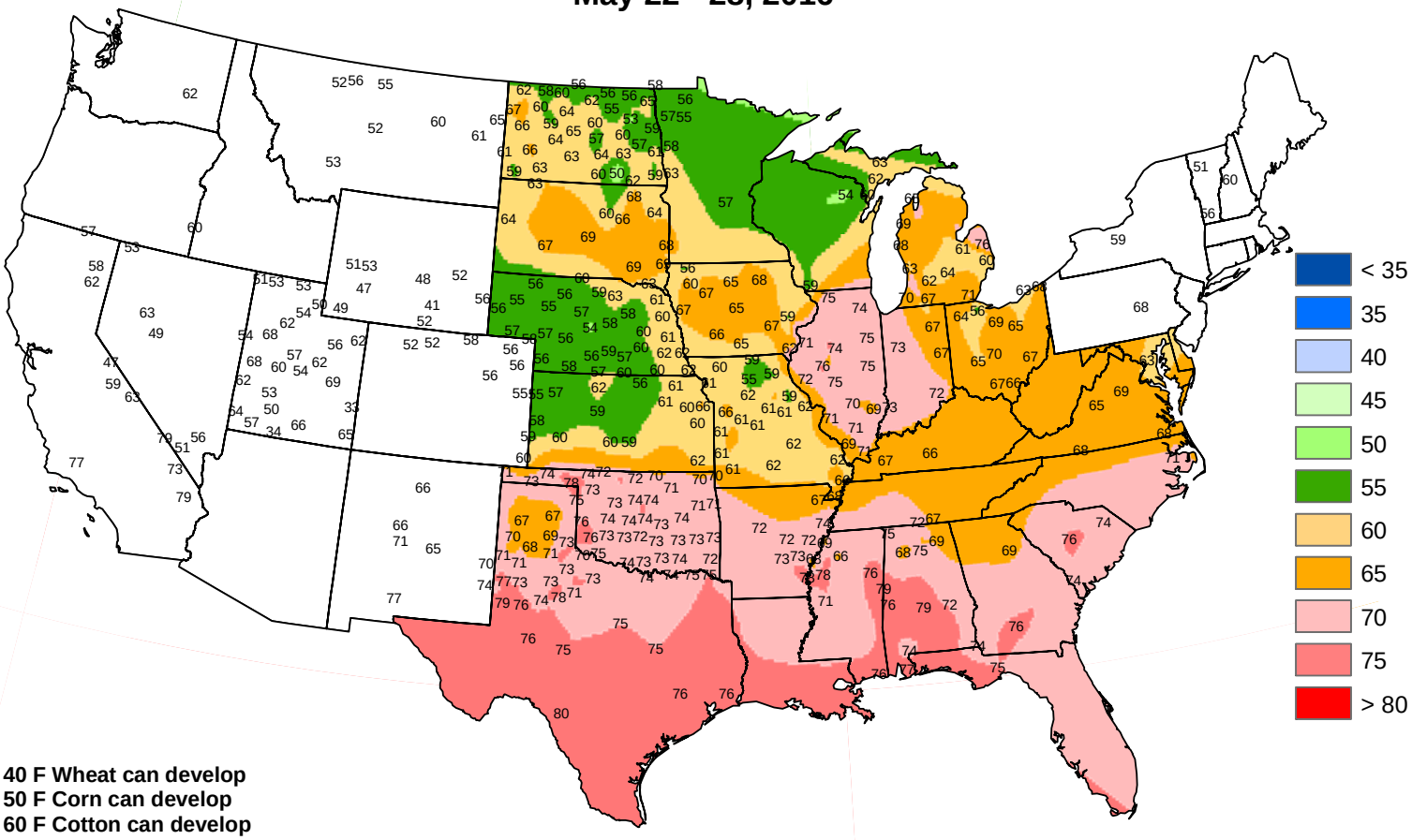
SOUTHEASTERN CANADA

Warmer-than-normal conditions favored development of winter wheat, pastures, and emerging summer crops. Weekly temperatures averaged 2 to 5°C above normal, with daytime highs reaching the lower 30s (degrees C) on several days. In addition, nighttime lows stayed well above freezing in most areas, adding to the favorable conditions for vegetative growth. Aside from a few isolated showers in southwestern Ontario, little to no rain fell in the region. Mostly dry weather has prevailed in southeastern Canada for much of the month of May but moisture should be overall favorable for development of crops and pastures due to periods of wetness in March and April. According to reports emanating from Ontario, corn and soybean planting was mostly complete as of May 24.

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

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

May 22 - 28, 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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