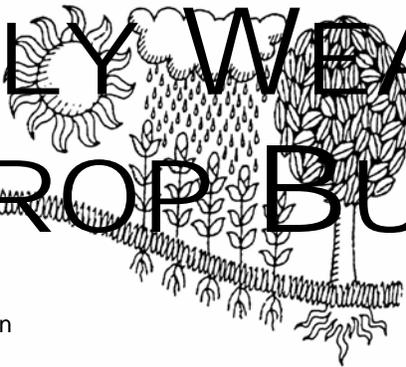
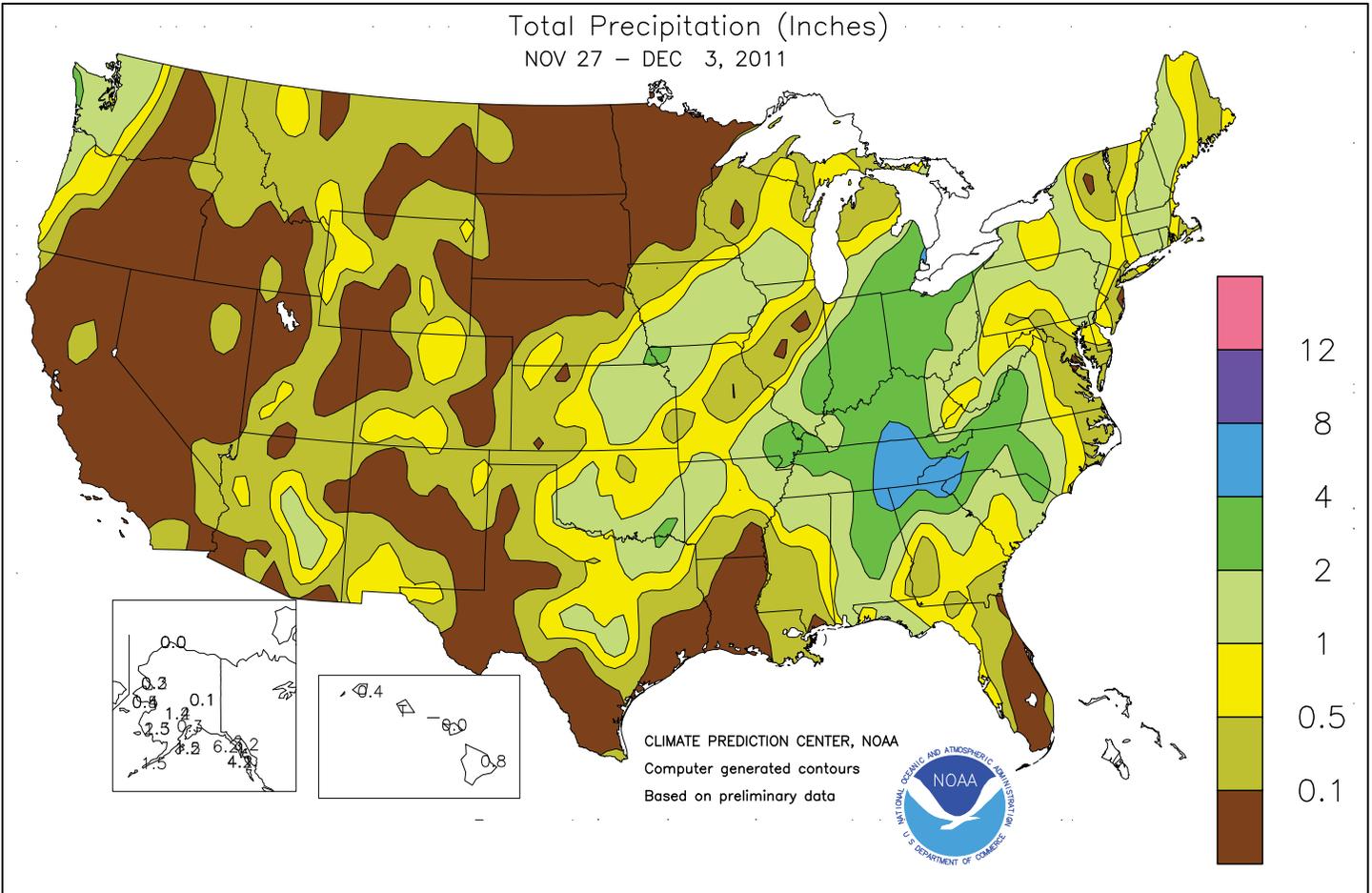


WEEKLY WEATHER AND CROP BULLETIN



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

November 27 - December 3, 2011

Highlights provided by USDA/WAOB

Extremely wet conditions persisted in the **Ohio Valley** (and neighboring areas), where many communities have already established annual precipitation records. Weekly rainfall totaled 4 inches or more in the **southern Appalachians** and parts of the **interior Southeast**, while 2- to 4-inch amounts were common in the **eastern Corn Belt**. On November 28-29, snow fell in the **Mid-South** and later blanketed parts of **northern Indiana** and **southern Michigan** to a depth of 6 inches or more. Agricultural impacts in the **eastern Corn Belt** from the

(Continued on page 2)

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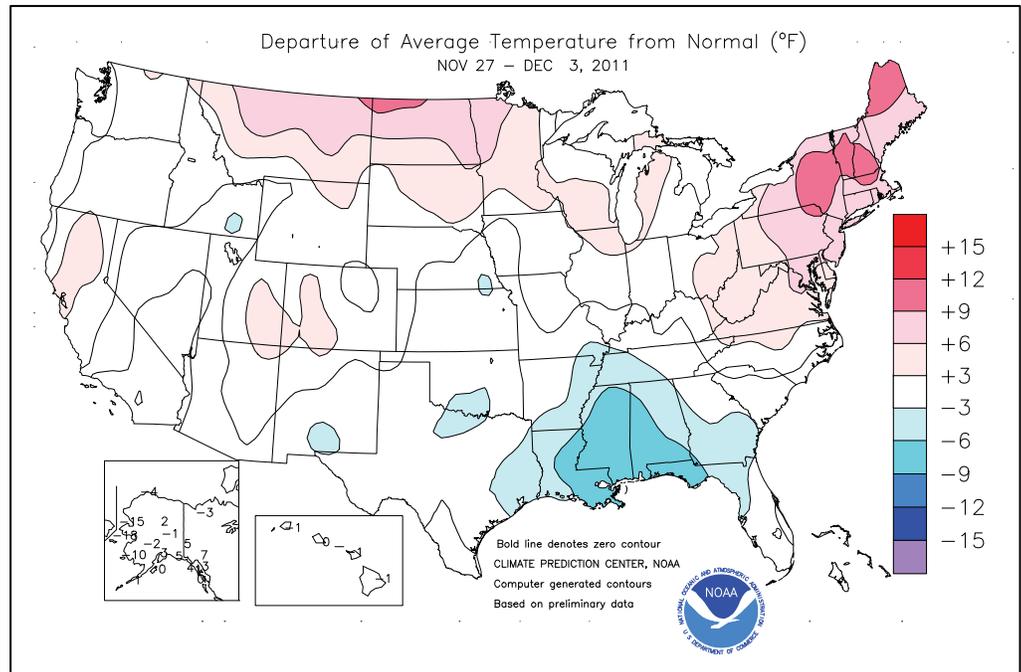
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(Continued from front cover)

heavy precipitation included local flooding and additional corn harvest delays. Farther west, precipitation further eased drought on the **central and southern Plains**. However, significant moisture continued to bypass the **southern High Plains**, leaving winter wheat poorly established and susceptible to winter weather extremes. Meanwhile, **Western** precipitation was mostly light, except for moderately heavy amounts in portions of the **Rockies, Southwest, and Pacific Northwest**. However, mid- to late-week winds caused some damage and power outages and from **southern California into the Southwest**. At week's end, a snow storm unfolded from the **Four Corners States into the upper Great Lakes region**, while beneficial precipitation overspread the **southern Plains**. Elsewhere, unfavorably heavy rain returned to the **Mid-South** and the **eastern Corn Belt**.

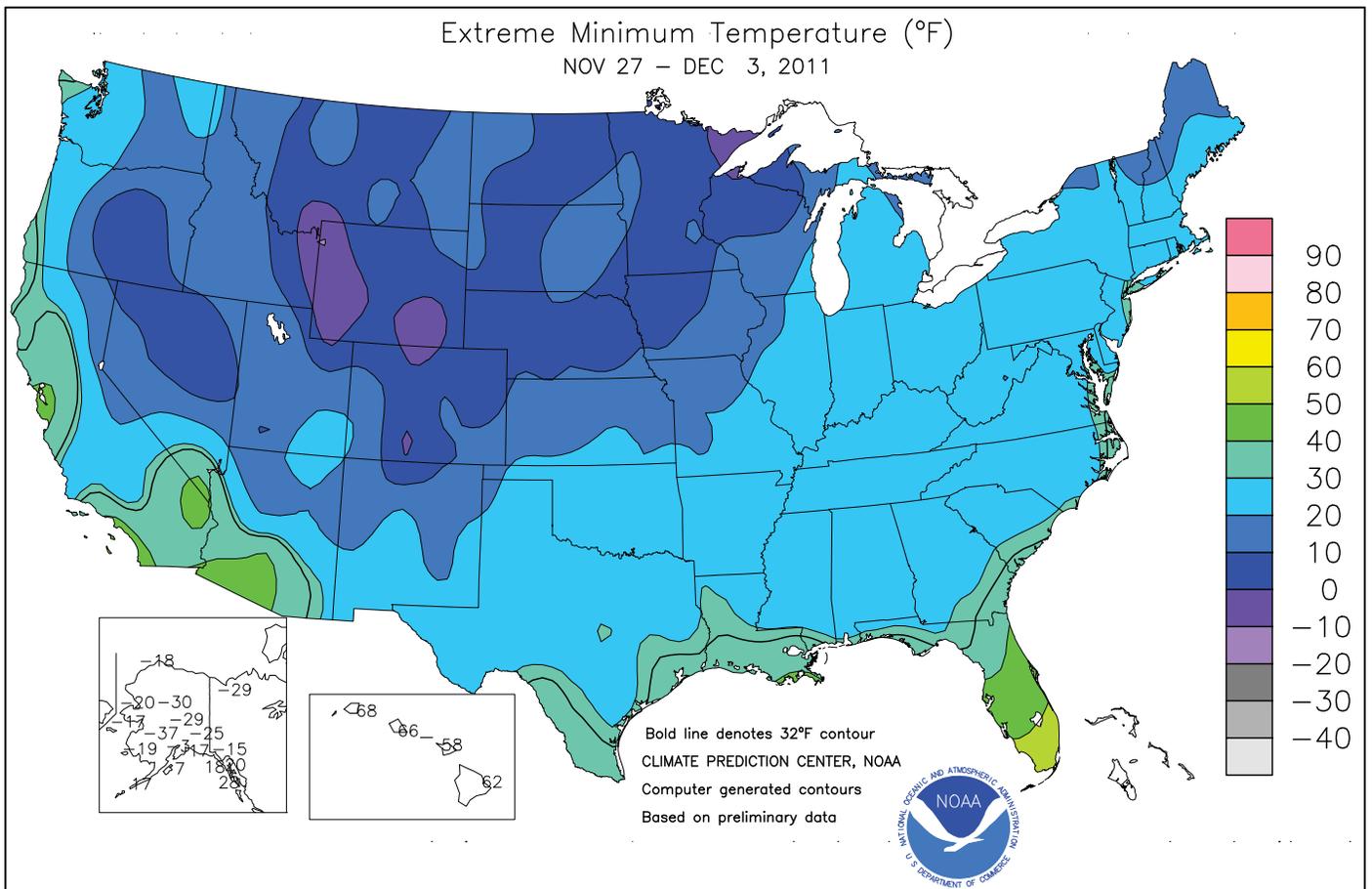
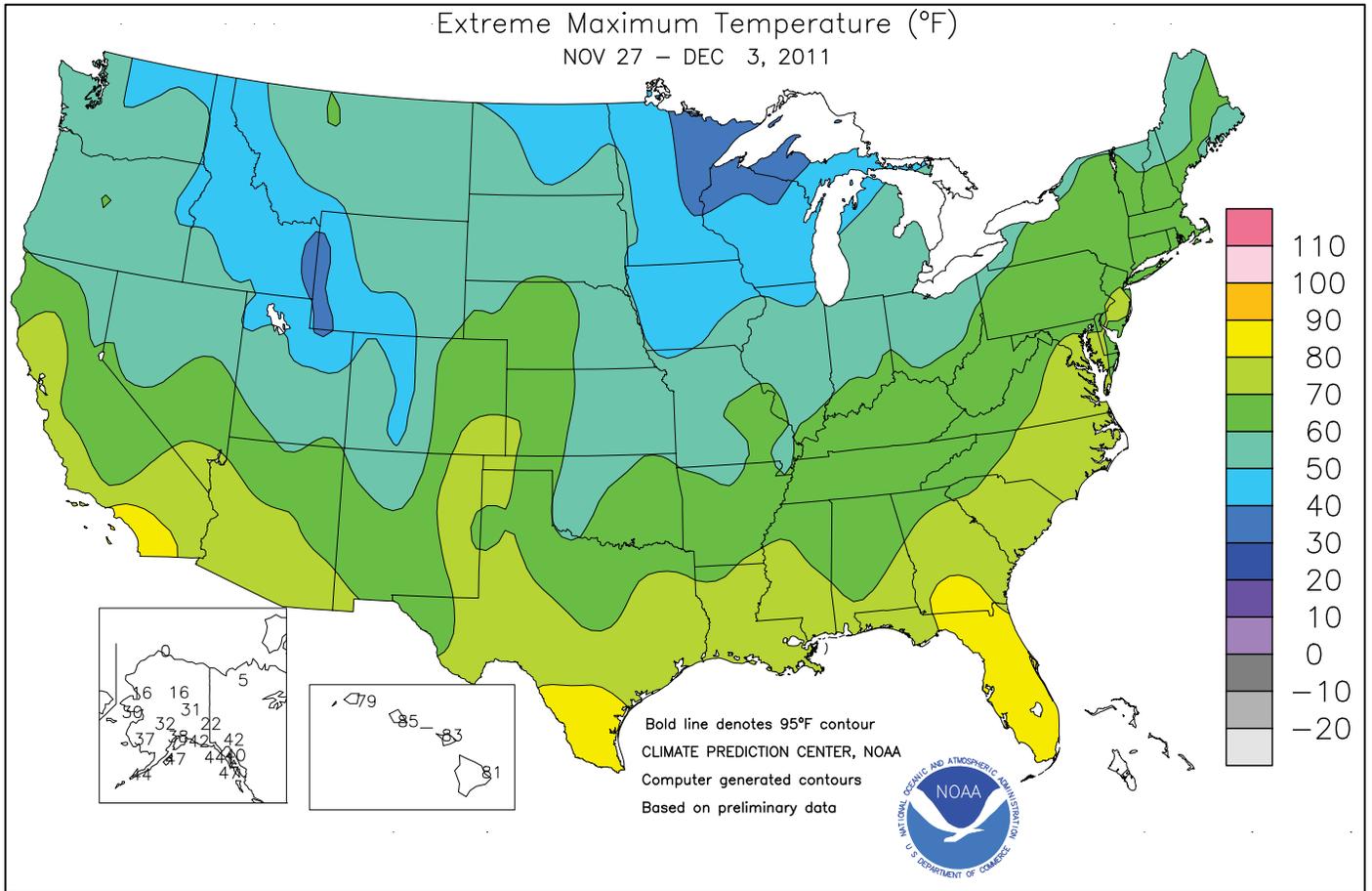
Early in the week, warm weather prevailed along both the **Atlantic and Pacific Coasts**, while cold air arrived across the **nation's mid-section**. In **southern California**, daily-record highs for November 27 soared to 87°F in **San Gabriel** and **El Cajon**. Meanwhile, highs climbed to daily-record levels in **Eastern** locations such as **Salisbury, MD** (72°F), and **Virginia's Dulles Airport** (70°F). The following day, November 28, **Eastern** records included 73°F in **Georgetown, DE**, and 72°F in **Newark, NJ**. **Salisbury** topped its earlier reading with a daily-record high of 74°F on November 29. In **Maine**, both **Bangor** (63°F) and **Caribou** (61°F) posted daily-record highs for the last day of November. In contrast, **Corpus Christi, TX** (27°F on the 28th), notched a monthly record low, edging the former standard of 28°F set on November 28, 1993. However, **Corpus Christi's** temperature rebounded quickly, rising to a daily-record high of 83°F on December 1. Warmth also developed in **northern California**, where **Santa Rosa** (77°F) and **Sacramento** (73°F) notched daily-record highs for December 2. At week's end, however, cold air quickly overspread the **West** in the wake of a developing storm. By December 3, temperatures fell to daily-record levels in locations such as **Burley, ID** (7°F), and **San Luis Obispo, CA** (32°F).

High winds preceded and accompanied the **Western** temperature transition. On November 30, **Bishop, CA**, noted a monthly record wind gust to 60 mph, topping the record of 59 mph that had just been set on November 18. In **Los Angeles County, CA**, a northwesterly gust to 97 mph was clocked on the 30th on **Whitaker Peak**. The first day of December featured gusts to 102 mph in **Centerville, UT**; 94 mph in **Cedar Ridge, CA**; and 69 mph in **Albuquerque, NM**. The storm responsible for the **Western** winds triggered late-week rain and snow from the **Southwest to the Midwest**. December 1-3 snowfall totaled 13.1 inches in **Flagstaff, AZ**. **Hastings, NE**, netted a daily-record snowfall of 5.1 inches on December 3. Elsewhere on the 3rd, daily-record precipitation totals were broken in **Des Moines, IA** (1.38 inches); **Concordia, KS** (1.27 inches); and **Waterloo, IA** (1.13 inches). For **Des Moines**, it was the fourth-wettest



December day on record, and the wettest since December 6, 1994. For **Waterloo**, it was the wettest December day since December 5, 1982, when 1.68 inches fell. As the week ended, torrential rain shifted into the **Mid-South**. Earlier, another storm had soaked much of the same region, from the **Mid-South into the Midwest**, with precipitation ending as snow. On November 28-29, snowfall totals included 2.0 inches in **Jackson, TN**, and 2.5 inches in **Jonesboro, AR**. Meanwhile, record-setting rainfall amounts for the 28th reached 2.59 inches in **Asheville, NC**; 2.48 inches in **Crossville, TN**; and 1.94 inches in **Lexington, KY**. The following day, record-setting totals for November 29 included 2.53 inches in **Fort Wayne, IN**, and 1.63 inches in **Lansing, MI**. **Fort Wayne** received 4.4 inches of snow on November 29-30, while **Lansing** netted 8.1 inches. **Cincinnati, OH**, set a record for its wettest November (8.33 inches; previously, 7.51 inches in 1985) and extended its annual precipitation record to 66.76 inches (previously, 57.58 inches in 1990).

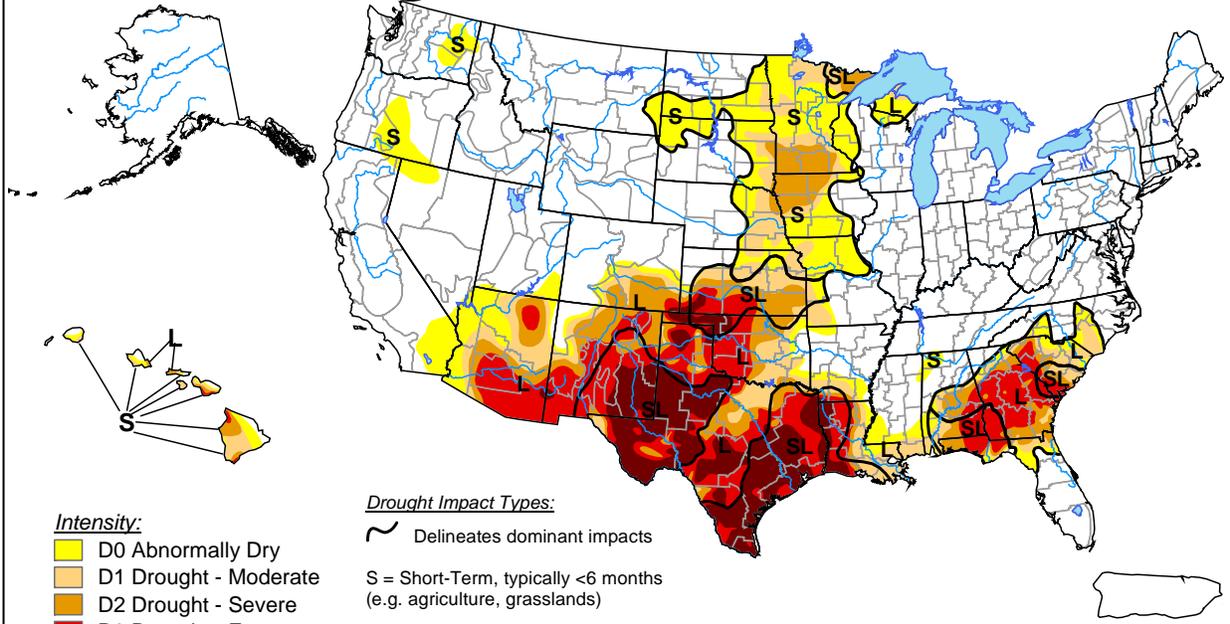
Bitterly cold weather persisted in **Alaska** through November, followed by a late-week warming trend and an increase in storminess. **Kodiak** reported lows of 7°F on November 26 and 27, posting record lows on both days. By December 2, however, **Kodiak** (47°F) notched a daily-record high. Elsewhere, highs climbed to daily-record levels on December 3 in locations such as **King Salmon** (51°F) and **Delta Junction** (46°F). **Fairbanks** completed its sixth-coldest November in more than a century, but warmed to 31°F on December 3 and 47°F on December 4. Similarly, **Nome** experienced its eighth-coldest November in 104 years—and coldest since 1963. By December 3, however, **Nome** warmed to 31°F and reported a daily-record snowfall of 6.5 inches. Early December 4, a wind gust to 118 mph battered **Glen Alps**, near **Anchorage**. Weekly snowfall in **Valdez** reached 37.0 inches, aided by a 17.5-inch daily-record total on November 30. Similarly, **McGrath's** weekly snowfall totaled 15.6 inches, including a daily-record amount (7.9 inches) on November 30. Farther south, **Hawaii** experienced mid-week showers, mainly across the western islands. On **Kauai**, **Kilohana** netted 3.80 inches in a 24-hour period on November 30 - December 1. Earlier, gusty winds in the wake of a cold front's passage had buffeted parts of the islands, with **Lihue, Kauai** (northeasterly gust to 38 mph during the November 26-28 event), reporting its highest wind since July 8.



U.S. Drought Monitor

November 29, 2011

Valid 7 a.m. EST



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically >6 months (e.g. hydrology, ecology)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>



Released Thursday, December 1, 2011

Author: David Miskus, NOAA/NWS/NCEP/CPC

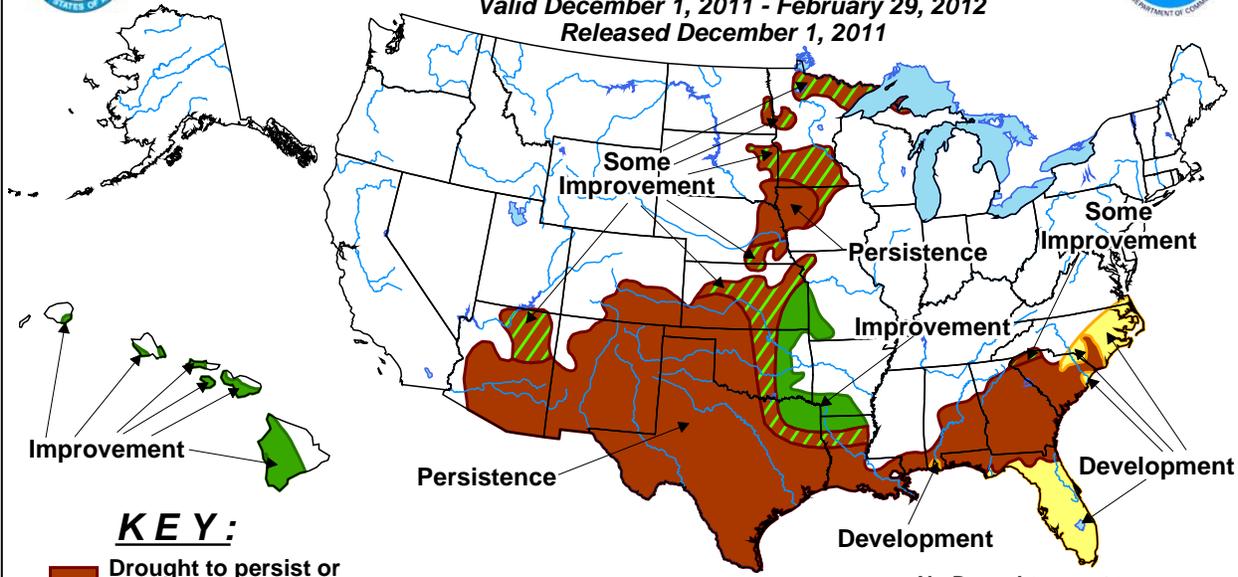


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid December 1, 2011 - February 29, 2012

Released December 1, 2011



KEY:

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

National Weather Data for Selected Cities

Weather Data for the Week Ending December 3, 2011
 Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN, SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL IN, SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F			
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	56	35	66	25	45	-5	3.20	2.12	2.52	0.00	0	53.08	106	95	53	0	3	3	2
HUNTSVILLE	55	33	66	26	44	-4	3.09	1.77	2.35	0.00	0	53.25	101	89	67	0	3	3	2
MOBILE	62	37	72	28	49	-7	1.07	-0.21	1.03	0.00	0	48.54	78	88	63	0	2	2	1
MONTGOMERY	59	35	70	26	47	-6	2.85	1.61	2.44	0.00	0	45.34	90	92	53	0	3	3	1
AK ANCHORAGE	28	15	38	-3	22	3	0.29	0.07	0.11	0.20	222	14.29	95	90	77	0	7	6	0
BARROW	-6	-15	0	-18	-10	-4	0.00	-0.02	0.00	0.00	0	6.02	149	84	76	0	7	0	0
FAIRBANKS	7	-13	31	-29	-3	0	0.06	-0.08	0.05	0.06	100	8.69	90	84	79	0	7	2	0
JUNEAU	38	31	40	20	34	3	3.16	2.00	1.77	2.22	444	60.41	113	97	91	0	4	7	1
KODIAK	41	23	47	7	32	0	1.23	-0.30	0.59	0.34	52	64.97	95	88	72	0	4	6	1
NOME	4	-14	30	-17	-5	-18	0.43	0.17	0.43	0.43	391	16.79	107	81	70	0	7	1	0
AZ FLAGSTAFF	47	19	66	6	33	0	0.81	0.40	0.36	0.81	450	19.34	91	81	37	0	7	3	0
PHOENIX	69	48	76	44	58	1	0.13	-0.04	0.11	0.13	186	3.69	50	60	32	0	0	2	0
PRESCOTT	56	28	71	15	42	2	0.53	0.25	0.27	0.53	442	10.25	57	72	31	0	6	3	0
TUCSON	69	44	80	38	56	1	0.54	0.39	0.27	0.54	771	10.93	98	64	32	0	0	3	0
AR FORT SMITH	56	36	66	29	46	0	0.93	-0.13	0.93	0.93	211	44.05	108	76	48	0	3	1	1
LITTLE ROCK	55	36	67	29	46	-1	0.07	-1.26	0.07	0.00	0	52.46	112	82	44	0	2	1	0
CA BAKERSFIELD	56	38	61	28	47	-3	0.00	-0.14	0.00	0.00	0	4.39	76	89	72	0	1	0	0
FRESNO	58	40	69	32	49	1	0.00	-0.25	0.00	0.00	0	10.93	109	87	70	0	1	0	0
LOS ANGELES	71	50	81	42	61	2	0.00	-0.30	0.00	0.00	0	9.23	80	59	29	0	0	0	0
REDDING	64	41	70	33	53	6	0.00	-0.94	0.00	0.00	0	26.14	89	68	58	0	0	0	0
SACRAMENTO	62	44	73	40	53	4	0.00	-0.52	0.00	0.00	0	16.69	106	77	46	0	0	0	0
SAN DIEGO	70	53	82	50	61	2	0.00	-0.24	0.00	0.00	0	8.23	86	69	44	0	0	0	0
SAN FRANCISCO	61	50	71	47	56	4	0.00	-0.59	0.00	0.00	0	16.46	94	70	62	0	0	0	0
STOCKTON	59	40	66	33	49	0	0.01	-0.40	0.01	0.00	0	10.01	82	77	67	0	0	1	0
CO ALAMOSA	44	10	55	2	27	4	0.05	-0.03	0.05	0.05	125	4.39	63	79	44	0	7	1	0
CO SPRINGS	49	22	67	16	35	3	0.01	-0.05	0.01	0.01	50	15.80	93	71	30	0	7	1	0
DENVER INTL	48	16	66	3	32	0	0.27	0.19	0.20	0.27	675	16.81	126	72	41	0	7	2	0
GRAND JUNCTION	47	23	54	20	35	2	0.00	-0.11	0.00	0.00	0	9.39	110	66	39	0	7	0	0
PUEBLO	51	18	67	11	35	1	0.11	0.03	0.06	0.11	275	8.48	70	74	43	0	7	2	0
CT BRIDGEPORT	56	39	65	31	47	6	0.50	-0.29	0.46	0.00	0	54.19	132	78	56	0	1	2	0
HARTFORD	56	35	66	24	46	9	0.95	0.08	0.95	0.00	0	64.50	150	88	56	0	4	1	1
DC WASHINGTON	60	41	72	34	51	6	0.41	-0.28	0.41	0.00	0	42.00	115	82	50	0	0	1	0
DE WILMINGTON	58	37	68	28	48	6	1.08	0.31	1.05	0.00	0	51.17	129	97	60	0	2	2	1
FL DAYTONA BEACH	73	54	83	43	63	-1	0.05	-0.56	0.05	0.00	0	45.62	97	88	48	0	0	1	0
JACKSONVILLE	69	43	80	36	56	-3	0.03	-0.52	0.03	0.00	0	45.98	92	94	49	0	0	1	0
KEY WEST	77	68	81	63	73	-1	0.02	-0.45	0.02	0.00	0	42.30	114	77	57	0	0	1	0
MIAMI	78	64	82	55	71	-1	0.02	-0.57	0.02	0.00	0	62.57	111	77	51	0	0	1	0
ORLANDO	74	53	82	45	64	-2	0.06	-0.49	0.05	0.01	4	56.10	121	91	59	0	0	2	0
PENSACOLA	62	41	71	35	52	-5	0.51	-0.45	0.47	0.00	0	40.93	67	82	52	0	0	2	0
TALLAHASSEE	68	37	79	27	53	-4	0.57	-0.30	0.57	0.00	0	30.41	51	90	56	0	4	1	1
TAMPA	74	57	81	45	65	-1	0.44	-0.04	0.44	0.00	0	53.06	124	85	50	0	0	1	0
WEST PALM BEACH	77	62	81	51	70	-1	0.14	-0.95	0.12	0.00	0	46.98	80	85	62	0	0	2	0
GA ATHENS	60	36	74	27	48	-1	1.24	0.42	1.21	0.00	0	33.10	74	90	69	0	4	2	1
ATLANTA	59	38	73	29	49	-1	0.69	-0.27	0.66	0.00	0	34.80	74	80	60	0	1	3	1
AUGUSTA	64	34	77	26	49	-2	0.61	0.06	0.61	0.00	0	28.17	68	93	65	0	4	1	1
COLUMBUS	61	39	76	30	50	-3	0.59	-0.43	0.42	0.00	0	34.72	78	92	46	0	2	2	0
MACON	62	36	76	26	49	-3	0.76	-0.05	0.76	0.00	0	30.11	73	93	49	0	4	1	1
SAVANNAH	66	39	78	31	53	-2	0.33	-0.17	0.33	0.00	0	33.44	71	87	60	0	2	1	0
HI HILO	79	66	81	62	73	0	0.78	-2.64	0.50	0.50	35	75.24	64	81	72	0	0	5	1
HONOLULU	84	70	85	66	77	1	0.02	-0.52	0.02	0.00	0	15.17	97	80	66	0	0	1	0
KAHULUI	81	66	83	58	74	-1	0.00	-0.56	0.00	0.00	0	10.65	67	78	67	0	0	0	0
LIHUE	77	70	79	68	74	-1	0.39	-0.68	0.26	0.26	57	41.79	119	80	70	0	0	3	0
ID BOISE	48	28	55	19	38	3	0.02	-0.31	0.02	0.00	0	10.19	93	68	53	0	6	1	0
LEWISTON	45	30	56	20	38	1	0.01	-0.24	0.01	0.00	0	12.83	109	83	68	0	5	1	0
POCATELLO	38	14	46	7	26	-4	0.17	-0.08	0.17	0.00	0	12.20	105	82	60	0	7	1	0
IL CHICAGO/O'HARE	45	31	50	25	38	4	0.48	-0.18	0.33	0.35	125	47.53	139	81	62	0	4	3	0
MOLINE	42	28	52	19	35	2	0.84	0.27	0.82	0.84	350	33.01	91	83	63	0	5	2	1
PEORIA	44	31	55	21	37	2	0.23	-0.46	0.23	0.23	79	37.22	110	81	59	0	5	1	0
ROCKFORD	41	27	48	21	34	3	0.80	0.22	0.73	0.78	312	37.75	108	83	66	0	5	3	1
SPRINGFIELD	45	32	58	23	39	2	0.17	-0.49	0.13	0.13	46	28.13	84	85	60	0	4	2	0
IN EVANSVILLE	50	33	62	23	42	1	2.22	1.22	1.05	0.00	0	63.99	156	85	64	0	3	3	2
FORT WAYNE	43	30	58	21	37	2	3.52	2.83	2.43	0.01	3	45.79	134	92	76	0	5	4	2
INDIANAPOLIS	47	32	61	24	39	1	2.17	1.35	0.97	0.00	0	44.43	116	90	67	0	3	3	2
SOUTH BEND	45	31	57	25	38	3	0.97	0.18	0.44	0.03	9	43.88	119	83	64	0	5	5	0
IA BURLINGTON	43	28	53	18	36	1	0.56	-0.04	0.56	0.56	224	30.64	85	88	57	0	5	1	1
CEDAR RAPIDS	40	24	48	12	32	1	1.55	1.09	1.49	1.55	816	29.01	90	91	56	0	6	3	1
DES MOINES	42	25	50	13	33	1	1.42	1.03	1.38	1.42	888	36.12	108	75	57	0	7	2	1
DUBUQUE	39	24	48	15	32														

Weather Data for the Week Ending December 3, 2011

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN., SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP	
																90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
KY WICHITA	47	28	54	22	37	-2	0.73	0.38	0.72	0.73	487	23.09	79	81	54	0	5	2	1
JACKSON	54	37	64	26	45	1	1.24	0.19	0.59	0.00	0	55.83	123	86	52	0	3	4	2
LEXINGTON	52	34	62	24	43	1	3.25	2.35	1.95	0.00	0	61.92	147	88	75	0	3	3	2
LOUISVILLE	53	35	65	27	44	1	3.09	2.16	1.84	0.00	0	62.80	152	88	61	0	3	3	2
PADUCAH	50	32	63	21	41	-1	1.83	0.67	0.83	0.00	0	67.60	149	88	57	0	3	3	2
LA BATON ROUGE	62	37	75	31	50	-6	0.08	-1.08	0.04	0.01	2	46.62	80	98	47	0	1	3	0
LAKE CHARLES	65	40	77	33	53	-4	0.04	-1.04	0.04	0.00	0	33.97	64	88	38	0	0	1	0
NEW ORLEANS	64	42	76	36	53	-5	0.04	-1.26	0.02	0.00	0	53.32	89	79	56	0	0	2	0
SHREVEPORT	60	37	69	30	48	-4	0.00	-1.07	0.00	0.00	0	25.20	53	84	42	0	1	0	0
ME CARIBOU	43	27	61	18	35	11	0.55	-0.17	0.30	0.05	16	52.10	151	94	71	0	6	5	0
PORTLAND	52	34	63	25	43	9	0.41	-0.62	0.38	0.00	0	48.28	115	92	63	0	3	2	0
MD BALTIMORE	60	36	71	26	48	6	0.41	-0.33	0.41	0.00	0	52.03	134	89	54	0	3	1	0
MA BOSTON	57	42	67	34	49	8	0.76	-0.11	0.66	0.00	0	48.42	124	79	54	0	0	2	1
WORCESTER	53	39	63	29	46	11	1.51	0.61	1.34	0.00	0	61.73	135	88	51	0	2	2	1
MI ALPENA	41	25	53	20	33	3	0.34	-0.09	0.19	0.15	83	35.37	132	91	63	0	7	3	0
GRAND RAPIDS	45	31	56	28	38	4	0.70	-0.09	0.36	0.22	67	42.60	123	86	57	0	4	5	0
HOUGHTON LAKE	39	27	51	22	33	3	0.51	0.07	0.26	0.25	132	30.06	112	86	71	0	7	4	0
LANSING	41	28	56	23	34	1	2.23	1.61	1.68	0.17	65	36.81	124	89	76	0	6	5	1
MUSKOGON	45	32	52	28	39	5	0.79	0.08	0.44	0.51	170	40.20	132	82	64	0	5	4	0
TRVERSE CITY	42	31	50	24	37	5	0.66	0.08	0.37	0.28	112	28.34	91	87	59	0	4	4	0
MN DULUTH	33	18	37	6	25	3	0.11	-0.27	0.09	0.02	13	25.54	85	77	55	0	7	2	0
INT'L FALLS	31	12	39	0	22	5	0.00	-0.23	0.00	0.00	0	19.23	82	83	59	0	7	0	0
MINNEAPOLIS	37	24	41	14	30	4	0.23	-0.10	0.18	0.23	177	26.15	92	80	55	0	7	2	0
ROCHESTER	37	20	45	8	29	4	0.37	0.01	0.33	0.37	247	26.93	88	83	67	0	7	2	0
ST. CLOUD	36	17	42	9	26	4	0.01	-0.21	0.01	0.00	0	27.75	105	88	47	0	7	1	0
MS JACKSON	59	33	72	25	46	-6	0.21	-1.03	0.12	0.00	0	42.78	84	91	51	0	3	2	0
MERIDIAN	58	31	71	23	44	-9	0.73	-0.51	0.62	0.00	0	46.47	86	95	68	0	4	2	1
TUPELO	53	32	65	24	43	-5	1.26	-0.09	0.94	0.00	0	45.92	91	93	68	0	3	3	1
MO COLUMBIA	47	31	58	21	39	1	0.66	-0.10	0.55	0.66	213	36.63	96	84	52	0	5	2	1
KANSAS CITY	46	26	53	19	36	-1	1.12	0.63	0.98	1.12	560	34.35	94	86	55	0	5	2	1
SAINT LOUIS	47	33	62	24	40	0	0.39	-0.46	0.21	0.16	44	44.20	122	79	62	0	4	3	0
SPRINGFIELD	47	31	56	17	39	-2	0.46	-0.58	0.46	0.46	107	38.29	91	78	58	0	4	1	0
MT BILLINGS	44	26	54	16	35	5	0.00	-0.14	0.00	0.00	0	19.34	137	70	35	0	6	0	0
BUTTE	37	11	49	-2	24	2	0.00	-0.11	0.00	0.00	0	11.55	94	87	46	0	7	0	0
CUT BANK	43	23	59	7	33	8	0.02	-0.05	0.01	0.01	33	5.95	49	81	41	0	5	2	0
GLASGOW	41	21	53	9	31	9	0.35	0.29	0.24	0.11	550	22.73	209	87	70	0	7	4	0
GREAT FALLS	46	26	60	13	36	8	0.12	0.01	0.04	0.08	160	16.25	114	76	36	0	5	3	0
HAVRE	45	23	62	13	34	10	0.40	0.32	0.38	0.00	0	11.93	109	82	60	0	6	2	0
MISSOULA	39	22	51	14	31	4	0.01	-0.21	0.01	0.00	0	14.24	112	84	70	0	7	1	0
NE GRAND ISLAND	45	18	58	11	32	1	0.51	0.26	0.51	0.51	510	26.56	105	75	47	0	7	1	1
LINCOLN	43	17	52	7	30	-2	0.69	0.40	0.62	0.69	575	28.29	102	80	49	0	7	2	1
NORFOLK	43	15	56	1	29	0	0.33	0.08	0.33	0.33	330	20.58	79	71	48	0	7	1	0
NORTH PLATTE	48	13	67	8	31	1	0.10	-0.01	0.10	0.10	250	23.49	122	88	37	0	7	1	0
OMAHA	41	21	50	13	31	-1	0.70	0.36	0.66	0.70	500	27.70	94	82	57	0	7	2	1
SCOTTSBLUFF	49	15	64	8	32	3	0.10	-0.05	0.06	0.10	167	18.78	119	80	50	0	7	2	0
VALENTINE	46	14	62	8	30	2	0.00	-0.11	0.00	0.00	0	21.74	113	81	50	0	7	0	0
NV ELY	48	17	63	3	32	3	0.04	-0.05	0.04	0.04	100	11.75	124	64	36	0	7	1	0
LAS VEGAS	61	44	71	41	52	2	0.07	0.01	0.07	0.07	350	2.20	54	36	26	0	0	1	0
RENO	51	25	63	19	38	1	0.00	-0.19	0.00	0.00	0	4.93	74	60	39	0	7	0	0
WINNEMUCCA	47	15	55	7	31	-2	0.01	-0.16	0.01	0.01	14	9.21	121	83	49	0	7	1	0
NH CONCORD	51	31	62	21	41	8	1.12	0.37	0.61	0.00	0	50.71	145	95	60	0	4	2	2
NJ NEWARK	58	41	72	32	50	8	0.35	-0.54	0.35	0.00	0	65.40	152	78	49	0	1	1	0
NM ALBUQUERQUE	51	30	60	26	41	1	0.13	0.05	0.11	0.13	325	3.65	40	62	32	0	5	2	0
NY ALBANY	53	34	64	23	44	9	0.17	-0.52	0.17	0.00	0	49.89	140	89	57	0	4	1	0
BINGHAMTON	50	35	63	25	43	10	0.92	0.13	0.84	0.02	6	64.96	181	83	68	0	4	3	1
BUFFALO	48	36	62	27	42	6	1.29	0.35	0.43	0.18	45	46.11	124	91	67	0	4	5	0
ROCHESTER	50	35	64	25	43	8	0.49	-0.18	0.24	0.07	25	37.60	119	87	68	0	4	5	0
SYRACUSE	54	35	66	25	45	10	0.78	-0.10	0.42	0.04	11	45.60	122	85	58	0	4	5	0
NC ASHEVILLE	54	34	63	24	44	1	2.59	1.76	2.59	0.00	0	40.95	93	87	70	0	5	1	1
CHARLOTTE	61	36	73	25	49	0	1.00	0.30	0.88	0.00	0	41.11	101	87	47	0	4	2	1
GREENSBORO	60	39	70	29	49	3	1.67	0.98	1.10	0.00	0	40.53	100	84	42	0	2	2	2
HATTERAS	62	48	74	38	55	1	0.50	-0.48	0.44	0.00	0	59.84	112	91	56	0	0	2	0
RALEIGH	63	40	75	29	51	3	0.99	0.32	0.97	0.00	0	41.69	103	82	55	0	2	2	1
WILMINGTON	66	41	74	30	54	1	0.87	0.04	0.87	0.00	0	43.35	81	90	44	0	2	1	1
ND BISMARCK	40	13	49	6	27	5	0.05	-0.06	0.04	0.01	20	22.75	138	79	58	0	7	2	0
DICKINSON	40	16	55	8	28	5	0.05	-0.03	0.05	0.00	0	18.54	116	83	53	0	7	1	0
FARGO	38	17	53	9	27	7	0.02	-0.11	0.02	0.00	0	23.59	114	74	47	0	7	1	0
GRAND FORKS	37	16	51	9	26	7	0.00	-0.13	0.00	0.00	0	19.08	100	84	52	0	7	0	0
JAMESTOWN	38	14	49	9	26	6	0.00	-0.09	0.00	0.00	0	22.00	122	85	47	0	7	0	0
WILLISTON	39	18	53	14	29	10	0.13	-0.01	0.13	0.00	0	19.06	140	86	66	0	7	1	0
OH AKRON-CANTON	48	34	60	26	41	4	1.42	0.68	0.63	0.00	0	53.63	150	88	72	0	4	4	1
CINCINNATI	52	33	61	22	42	2	2.55	1.77	1.25	0.00	0	65.80	166	89	76	0	3	3	2
CLEVELAND	47	34	59	27	41	4	1.96	1.13	0.74	0.00	0	60.35	168	92	65	0	4	4	2
COLUMBUS	51	35	58	26	43	4	1.79	1.02	0.81	0.00	0	49.56	138	92	74	0	3	3	2
DAYTON	48	31	59	23	40	2	2.53	1.77	1.12	0.00	0	51.38	140	96	76	0	5	3	3
MANSFIELD	46	32	56	24	39	3	2.15	1.28	0.94	0.00	0	51.58	128	99	72	0	4	4	3

Based on 1971-2000 normals

*** Not Available

Weather Data for the Week Ending December 3, 2011

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL IN. SINCE DEC 1	PCT. NORMAL SINCE DEC 1	TOTAL IN. SINCE JAN 01	PCT. NORMAL SINCE JAN 01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP
																		01 INCH OR MORE	50 INCH OR MORE	
OK TOLEDO	43	31	57	24	37	2	3.84	3.18	2.59	0.02	7	45.61	148	92	72	0	4	5	2	
OK YOUNGSTOWN	48	32	60	24	40	4	1.43	0.66	0.49	0.00	0	49.62	140	91	79	0	4	4	0	
OK OKLAHOMA CITY	53	32	63	24	43	-1	1.05	0.62	0.97	1.05	583	29.03	85	77	42	0	3	2	1	
OR TULSA	53	32	64	23	42	-3	0.71	-0.03	0.69	0.71	229	31.25	78	74	56	0	4	2	1	
OR ASTORIA	50	34	57	28	42	-3	1.06	-1.54	0.61	0.01	1	64.13	111	97	87	0	3	4	1	
OR BURNS	43	17	51	5	30	1	0.03	-0.25	0.01	0.01	8	10.12	108	87	68	0	7	3	0	
OR EUGENE	48	35	60	27	42	0	0.50	-1.63	0.48	0.00	0	28.61	66	93	88	0	3	2	0	
OR MEDFORD	45	33	60	27	39	-1	0.05	-0.69	0.03	0.01	3	15.50	98	98	81	0	3	3	0	
OR PENDLETON	48	27	64	18	38	1	0.07	-0.30	0.07	0.00	0	11.60	101	87	65	0	6	1	0	
OR PORTLAND	48	36	57	29	42	-1	0.55	-0.87	0.49	0.00	0	34.63	108	92	82	0	2	3	0	
OR SALEM	51	34	58	26	42	0	0.49	-1.14	0.45	0.00	0	32.50	95	93	82	0	3	3	0	
PA ALLENTOWN	55	35	65	24	45	7	0.93	0.09	0.88	0.00	0	66.70	158	88	59	0	4	2	1	
PA ERIE	47	35	59	28	41	2	1.32	0.38	0.74	0.03	8	51.89	132	87	73	0	4	5	1	
PA MIDDLETOWN	56	36	67	26	46	6	0.66	-0.19	0.59	0.00	0	70.47	187	93	54	0	4	2	1	
PA PHILADELPHIA	58	41	70	34	50	7	0.58	-0.19	0.57	0.00	0	59.97	154	80	53	0	0	2	1	
PA PITTSBURGH	50	34	60	25	42	4	0.94	0.21	0.45	0.00	0	41.75	118	90	62	0	4	4	0	
PA WILKES-BARRE	54	36	66	25	45	8	0.79	0.09	0.76	0.00	0	56.92	161	86	55	0	3	2	1	
PA WILLIAMSPORT	54	35	66	25	45	8	0.77	-0.06	0.67	0.01	3	66.62	171	85	59	0	3	3	1	
RI PROVIDENCE	57	37	65	28	47	7	0.71	-0.27	0.43	0.00	0	52.77	123	84	53	0	3	2	0	
SC BEAUFORT	64	40	74	32	52	-3	0.86	0.30	0.85	0.00	0	32.79	70	91	49	0	1	2	1	
SC CHARLESTON	67	40	79	31	54	-1	0.92	0.29	0.77	0.00	0	36.34	75	94	43	0	1	2	1	
SC COLUMBIA	64	38	75	29	51	0	0.54	-0.09	0.54	0.00	0	35.55	79	87	64	0	3	1	1	
SC GREENVILLE	59	37	70	28	48	0	1.84	1.00	1.82	0.00	0	41.99	90	87	49	0	3	2	1	
SD ABERDEEN	40	15	58	9	27	4	0.00	-0.07	0.00	0.00	0	22.98	116	80	55	0	7	0	0	
SD HURON	41	19	56	13	30	5	0.01	-0.11	0.01	0.00	0	22.25	108	87	45	0	7	1	0	
SD RAPID CITY	45	19	58	9	32	3	0.12	0.06	0.09	0.09	450	19.25	118	85	45	0	7	2	0	
SD SIOUX FALLS	40	17	50	7	28	3	0.02	-0.18	0.02	0.02	25	23.68	98	74	46	0	7	1	0	
TN BRISTOL	57	33	69	21	45	3	0.38	-0.42	0.32	0.00	0	43.59	114	92	48	0	4	2	0	
TN CHATTANOOGA	56	35	64	27	45	-2	4.86	3.67	2.52	0.00	0	58.26	116	88	71	0	4	3	2	
TN KNOXVILLE	55	35	67	27	45	0	2.62	1.60	1.89	0.00	0	51.76	117	93	56	0	4	2	2	
TN MEMPHIS	54	35	67	29	44	-4	1.08	-0.43	0.51	0.00	0	49.78	100	84	53	0	3	3	1	
TN NASHVILLE	53	32	65	25	43	-2	2.17	1.04	1.52	0.00	0	47.89	109	91	58	0	3	3	2	
TX ABILENE	58	33	68	27	46	-3	0.20	-0.02	0.08	0.20	222	15.12	67	77	38	0	4	2	0	
TX AMARILLO	51	27	70	25	39	-2	0.28	0.20	0.26	0.28	700	5.74	30	78	39	0	7	2	0	
TX AUSTIN	66	37	75	27	52	-4	0.57	0.05	0.47	0.57	259	12.64	40	81	52	0	5	2	0	
TX BEAUMONT	68	43	80	32	56	-1	0.13	-1.00	0.06	0.06	13	27.28	49	84	33	0	1	4	0	
TX BROWNSVILLE	78	52	83	34	65	1	0.17	-0.14	0.16	0.17	131	16.60	62	81	43	0	0	2	0	
TX CORPUS CHRISTI	74	47	83	27	60	-2	0.20	-0.14	0.19	0.20	133	11.09	36	74	46	0	1	2	0	
TX DEL RIO	69	42	76	30	55	-1	0.00	-0.17	0.00	0.00	0	8.94	51	76	43	0	1	0	0	
TX EL PASO	59	33	67	29	46	-2	0.25	0.12	0.17	0.25	417	4.77	55	70	28	0	4	2	0	
TX FORT WORTH	60	40	67	31	50	-1	0.79	0.29	0.73	0.79	359	22.38	69	76	39	0	1	3	1	
TX GALVESTON	66	53	75	40	59	-3	0.00	-0.86	0.00	0.00	0	18.34	45	80	45	0	0	0	0	
TX HOUSTON	66	43	77	34	55	-2	0.01	-0.88	0.01	0.01	3	20.30	46	81	44	0	0	1	0	
TX LUBBOCK	54	29	72	25	41	-2	0.47	0.33	0.45	0.47	783	4.81	27	78	44	0	6	2	0	
TX MIDLAND	60	33	74	25	47	-1	0.17	0.06	0.16	0.17	340	4.12	29	65	42	0	3	2	0	
TX SAN ANGELO	65	35	74	27	50	0	0.26	0.07	0.25	0.26	325	8.52	43	63	40	0	4	2	0	
TX SAN ANTONIO	68	43	79	31	56	0	0.26	-0.20	0.16	0.26	137	15.03	48	85	43	0	1	2	0	
TX VICTORIA	71	42	78	27	57	-2	0.02	-0.53	0.02	0.02	8	11.76	31	86	42	0	1	1	0	
TX WACO	62	36	69	26	49	-3	0.61	0.01	0.33	0.61	235	24.15	78	80	51	0	4	2	0	
TX WICHITA FALLS	55	33	61	26	44	-3	0.94	0.61	0.80	0.94	627	12.48	46	79	49	0	3	2	1	
UT SALT LAKE CITY	45	24	53	21	35	1	0.02	-0.26	0.02	0.00	0	19.10	124	80	46	0	7	1	0	
VT BURLINGTON	51	33	66	25	42	10	0.27	-0.36	0.13	0.06	23	48.88	143	85	58	0	3	3	0	
VA LYNCHBURG	60	34	71	22	47	4	1.36	0.63	1.28	0.00	0	34.36	85	86	46	0	4	2	1	
VA NORFOLK	63	44	74	33	54	5	0.59	-0.04	0.59	0.00	0	49.44	115	85	51	0	0	1	1	
VA RICHMOND	62	39	73	28	51	6	0.44	-0.22	0.44	0.00	0	45.50	111	86	51	0	2	1	0	
VA ROANOKE	58	37	70	29	48	4	2.07	1.36	1.13	0.00	0	40.85	102	80	52	0	3	2	2	
WA WASH/DULLES	59	35	70	23	47	6	0.50	-0.23	0.50	0.00	0	41.75	107	89	54	0	3	1	1	
WA OLYMPIA	44	30	54	26	37	-3	0.85	-1.15	0.63	0.00	0	45.43	104	98	87	0	6	3	1	
WA QUILLAYUTE	48	32	52	27	40	-2	2.78	-0.78	2.20	0.06	4	98.32	111	98	93	0	3	6	1	
WA SEATTLE-TACOMA	46	36	56	29	41	-2	0.52	-0.92	0.42	0.01	2	34.13	106	92	84	0	2	4	0	
WA SPOKANE	41	27	50	22	34	3	0.00	-0.57	0.00	0.00	0	14.43	98	96	64	0	7	0	0	
WA YAKIMA	51	22	59	17	37	4	0.00	-0.28	0.00	0.00	0	7.03	100	85	72	0	7	0	0	
WV BECKLEY	53	36	63	23	44	4	0.79	0.09	0.66	0.00	0	37.32	96	76	59	0	3	3	1	
WV CHARLESTON	58	35	67	25	47	5	0.93	0.06	0.67	0.00	0	47.38	115	94	47	0	3	4	1	
WV ELKINS	55	30	66	18	43	6	0.59	-0.24	0.59	0.00	0	48.65	113	89	43	0	5	1	1	
WV HUNTINGTON	56	35	66	24	45	3	1.00	0.22	0.47	0.02	6	59.32	151	95	56	0	4	5	0	
WI EAU CLAIRE	37	20	45	9	29	4	0.37	0.02	0.31	0.37	264	31.07	99	88	55	0	7	2	0	
WI GREEN BAY	39	26	48	20	33	5	0.82	0.37	0.67	0.74	389	36.14	129	87	66	0	7	3	1	
WI LA CROSSE	39	24	45	16	31	2	0.72	0.31	0.70	0.72	424	34.41	110	88	54	0	7	2	1	
WI MADISON	41	26	48	18	33	3	0.79	0.30	0.79	0.79	395	29.11	92	82	60	0	6	1	1	
WI MILWAUKEE	43	30	48	24	36	3	0.75	0.15	0.52	0.56	215	30.93	94	82	60	0	5	4	1	
WY CASPER	39	18	52	6	28	1	0.22	0.07	0.10	0.13	217	12.67	102	78	51	0	7	4	0	
WY CHEYENNE	45	19	56	4	32	2	0.18	0.05	0.08	0.16	320	18.94	126	70	48	0	7	4	0	
WY LANDER	39	14	55	-2	27	2	0.52	0.35	0.27	0.25	357	14.68	114	88	43	0	7	4	0	
WY SHERIDAN	41	17	52	3	29	3	0.31	0.17	0.18	0.13	217	18.39	130	82	64	0	7	3	0	

Based on 1971-2000 normals

*** Not Available

National Agricultural Summary

November 28 – December 4, 2011

Weekly National Agricultural Summary provided by USDA/NASS

Temperatures were below normal across much of the South during the week, but averaged well above normal in northern parts of the nation. Most notably, temperatures in much of New England averaged at least 9°F above normal. Storm systems delivered beneficial precipitation to parts of the southern Great Plains, boosting soil moisture levels and promoting winter wheat growth. However, soggy soils in the eastern Corn Belt delayed activity in remaining row crop fields.

Producers in Ohio had a limited number of days suitable for fieldwork during the week, as topsoil moisture was rated mostly surplus for the state. Corn producers were able to harvest some of their remaining acreage, but most were waiting until after the ground freezes to go back into the fields.

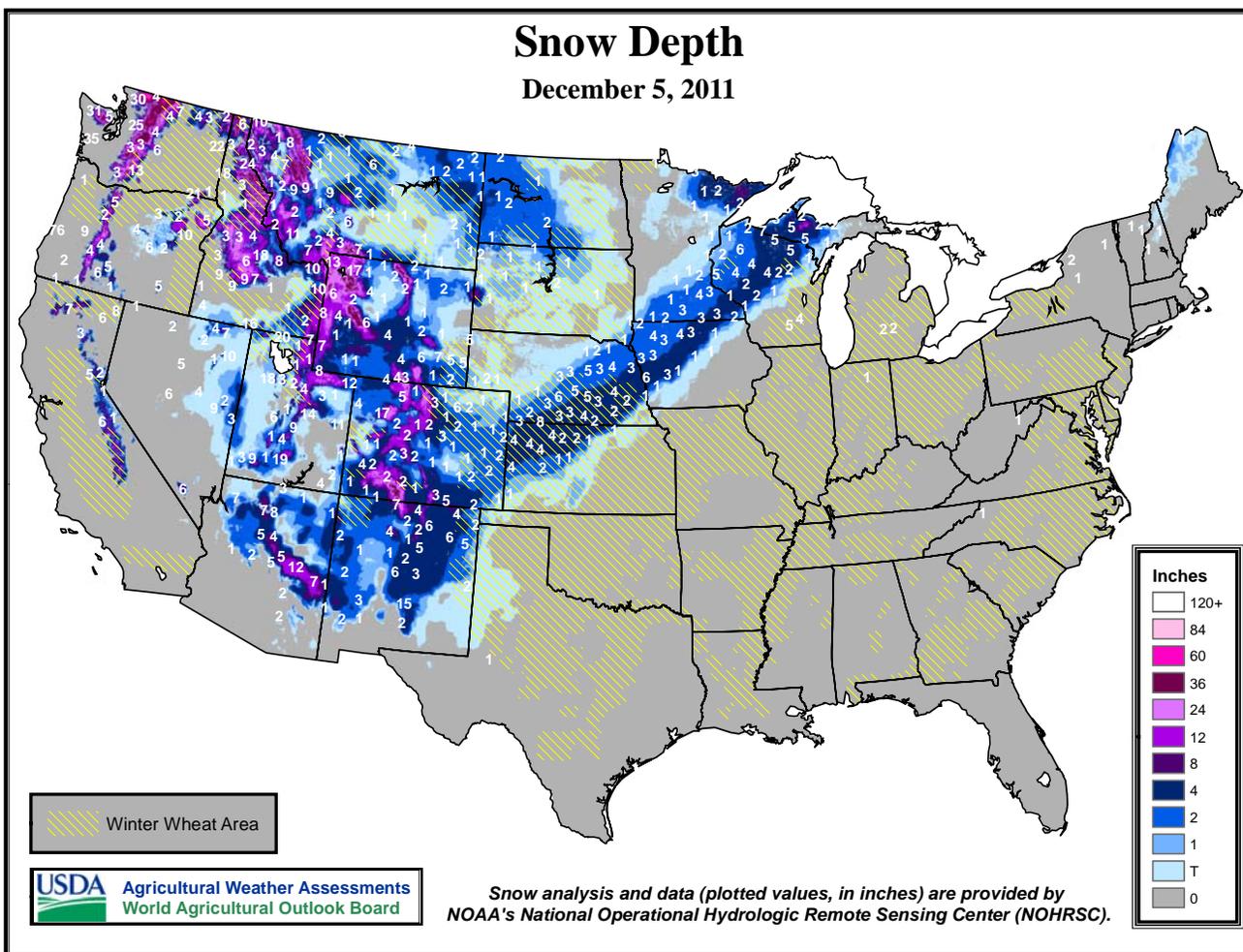
Mild, dry weather in Florida during the week allowed field activities to progress with limited interruption. Cotton and peanut harvests were virtually complete, with only a few late-planted fields remaining. In the Everglades region, sugarcane harvest progressed well. Vegetable producers continued to harvest a variety of crops, while citrus growers were busy

irrigating their groves.

In Louisiana, scattered showers and cooler weather helped to improve crop conditions. Sugarcane harvest was 84 percent complete, well ahead of the 5-year average. Rice producers were preparing levees for next year's crop, while strawberry fields were irrigated and sprayed with fungicide. Pecans and vegetables were also being harvested.

Temperatures were mostly above average in Arizona. Cotton harvest continued, with 70 percent of the crop out of the fields. Alfalfa harvesting was active on half of the state's acreage. Vegetable growers harvested and shipped a variety of crops including cabbage, cantaloupes, lemons, and spinach.

Fieldwork in California included late-season cotton harvest, tillage operations, and some seeding of winter wheat. Small grain producers were applying herbicides for broadleaf weed control. Pre-emergence herbicide applications began in many orchards and vineyards, while post-harvest cleanup and pruning was underway in nut orchards. Harvest was ongoing for many fruit, nut, and vegetable crops.



International Weather and Crop Summary

November 27 - December 3, 2011

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

EUROPE: Dry weather over much of Europe gave way to increasing showers, improving soil moisture for vegetative winter crops in portions of northern and western growing areas.

FSU-WESTERN: Generally dry, milder weather prevailed, although eastern winter crops remained under a shallow to moderate snow cover.

MIDDLE EAST: Dry weather expanded into Iraq and western Iran, favoring fieldwork and winter crop development following recent heavy rain.

NORTHWEST AFRICA: Locally heavy showers maintained excellent prospects for vegetative winter grains.

SOUTH ASIA: Cotton harvesting continued in central and southern India under warm, dry conditions.

EAST ASIA: Showers provided a late-season boost to moisture reserves for winter crops nearing dormancy.

SOUTHEAST ASIA: Heavy rainfall eased in the Philippines, allowing fieldwork to resume.

AUSTRALIA: Showers continued to hamper winter grain harvesting in eastern Australia, while dry weather elsewhere favored fieldwork.

SOUTH AFRICA: Lingering showers brought additional relief from warmth and dryness to the corn belt.

ARGENTINA: Light to moderate showers and summer warmth maintained mostly favorable conditions for winter and summer crops.

BRAZIL: Unseasonable warmth and dryness dominated the south, fostering rapid soybean planting but limiting moisture for emerged summer crops.

November 2011

**MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA**

*** DATA NOT AVAILABLE

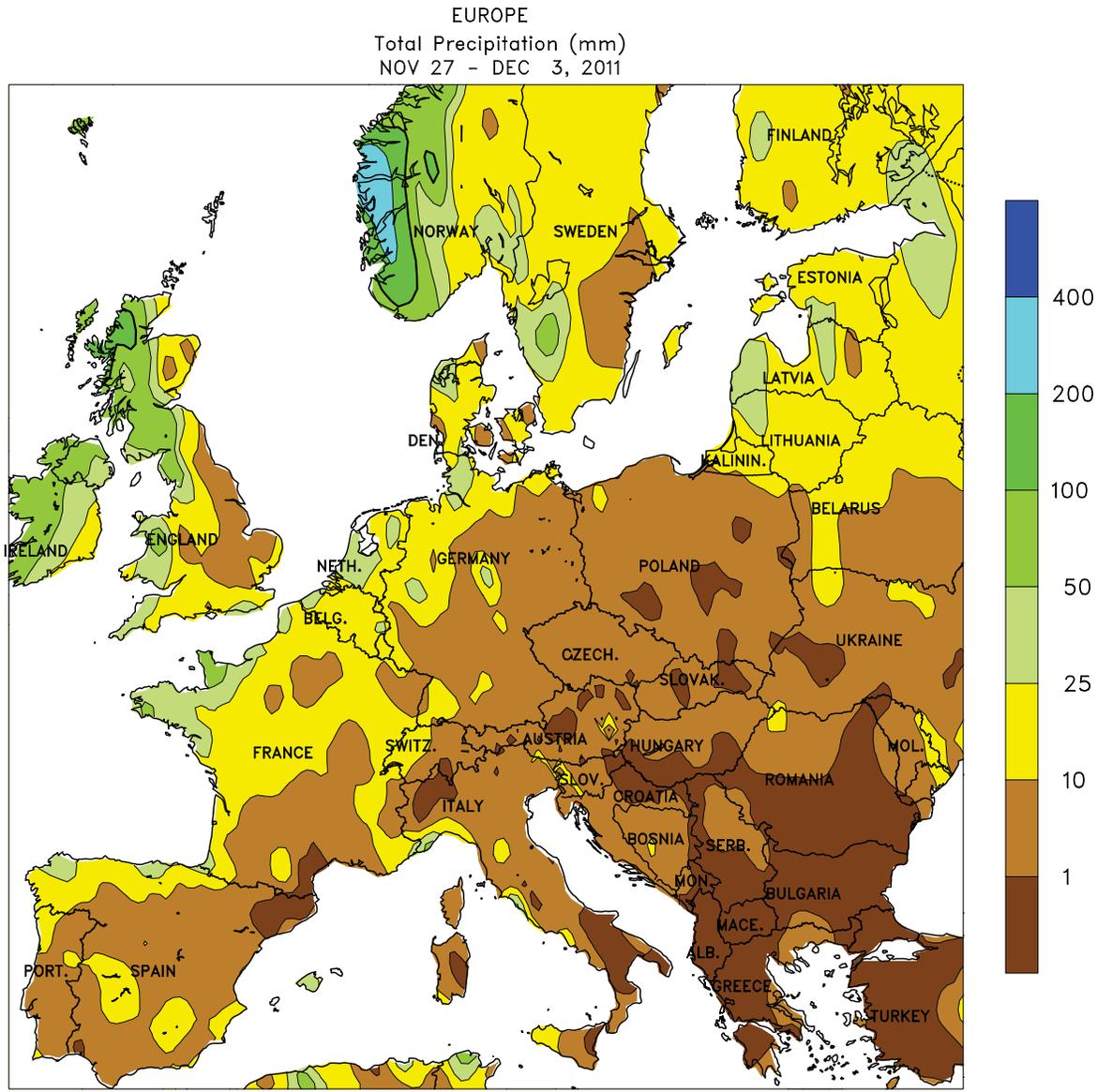
COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM	
ALGERI	ALGER	22	12	28	7	17	1.7	141	60	
	BATNA	17	6	22	2	12	1.2	4	-14	
ARGENT	IGUAZU	29	18	35	13	23	-0.8	134	-3	
	FORMOSA	31	19	37	14	25	0.5	217	48	
	CERES	30	17	38	10	23	1.4	87	-15	
	CORDOBA	29	16	38	11	23	1.9	125	16	
	RIO CUARTO	28	16	38	9	22	2.1	116	-17	
	ROSARIO	29	17	35	10	23	2.5	77	-34	
	BUENOS AIRES	28	16	34	8	22	3.1	73	-20	
	SANTA ROSA	28	14	32	9	21	2	107	11	
	TRES ARROYOS	26	14	31	7	20	3.2	168	83	
AUSTRA	DARWIN	32	27	36	24	30	0.4	237	103	
	BRISBANE	27	22	30	17	24	2	30	-77	
	PERTH	26	14	37	9	20	0.8	39	13	
	CEDUNA	26	14	37	6	20	0.7	3	-16	
	ADELAIDE	24	14	34	7	19	1.1	16	-5	
	MELBOURNE	24	13	35	6	18	2.4	121	71	
	WAGGA	28	13	36	6	21	2.5	153	112	
	CANBERRA	25	11	33	5	18	2.6	130	63	
AUSTRI	VIENNA	6	1	16	-6	3	-1.4	0	-45	
	INNSBRUCK	11	-1	21	-7	5	1.9	0	-66	
BAHAMA	NASSAU	28	22	30	18	25	0.9	20	-48	
BARBAD	BRIDGETOWN	30	25	31	22	27	0.2	209	77	
BELARU	MINSK	4	1	10	-4	3	2.1	16	-33	
BERMUD	ST GEORGES	24	21	27	19	22	0.5	83	-7	
BOLIVI	LA PAZ	17	3	22	-2	10	0.2	30	-24	
BRAZIL	FORTALEZA	29	25	30	23	27	-1.3	16	-10	
	RECIFE	29	25	30	23	27	-1.5	23	-5	
	CAMPO GRANDE	31	21	35	16	26	0.1	75	-76	
	FRANCA	27	17	30	12	22	-0.6	164	11	
	RIO DE JANEIR	0 27	20	33	16	23	-1.8	138	39	
	LONDRINA	30	17	35	11	23	0.6	133	-36	
	SANTA MARIA	29	16	36	11	23	0.7	41	-82	
	TORRES	23	17	26	13	20	-2.9	31	-111	
BULGAR	SOFIA	9	-2	15	-7	4	-0.7	2	-42	
BURKIN	OUAGADOUGOU	37	20	39	16	29	0.7	0	-3	
CANADA	TORONTO	11	2	19	-4	7	3.5	98	29	
	MONTREAL	10	1	19	-8	5	3.7	53	-38	
	WINNIPEG	2	-6	11	-22	-2	3.1	12	-10	
	REGINA	0	-10	12	-25	-5	0.2	0	-13	
	SASKATOON	0	-10	13	-25	-5	1	0	-13	
	LETHBRIDGE	6	-6	14	-20	0	0.8	0	-16	
	CALGARY	3	-7	14	-22	-2	0.9	11	-1	
	EDMONTON	1	-8	12	-26	-4	0.1	8	-6	
	VANCOUVER	8	2	14	-4	5	-0.9	125	-54	
CANARY	LAS PALMAS	24	18	27	16	21	0.1	2	-15	
CHILE	SANTIAGO	27	10	33	6	19	1.5	0	-5	
CHINA	HARBIN	1	-7	16	-20	-3	1.8	12	2	
	HAMI	10	-3	18	-5	4	3.5	6	5	
	LANCHOW	***	***	6	5	***	*****	*****	*****	
	BEIJING	11	3	17	-4	7	2.8	21	14	
	TIENTSIN	11	3	20	-5	7	1.6	18	9	
	LHASA	12	-2	18	-6	5	1.3	4	3	
	KUNMING	18	6	21	3	12	0.2	21	-22	
	CHENGCHOW	13	7	19	1	10	1.9	120	98	
	YEHCHANG	18	13	23	5	15	2.7	103	57	
	HANKOW	19	10	24	2	14	2.2	35	-14	
	CHUNGKING	19	15	23	11	17	2.5	90	41	
	CHIHKIANG	21	12	25	6	17	4	35	-19	
	WU HU	20	12	25	4	16	4.2	34	-25	
	SHANGHAI	20	14	26	4	17	3.6	42	-12	
	NANCHANG	22	14	28	8	18	4.9	28	-29	
	TAIPEI	25	22	32	19	23	1.9	238	165	
	CANTON	27	18	32	13	22	2.3	66	31	
	NANNING	27	16	31	10	22	2.5	1	-39	
COLOMB	BOGOTA	20	10	21	5	15	1.4	229	141	
COTE D	ABIDJAN	32	26	33	24	29	1.4	123	-9	
CUBA	HAVANA	28	18	31	13	23	-1.1	19	-68	
CYPRUS	LARNACA	21	11	26	7	16	-1.1	127	74	
CZECHR	PRAGUE	6	1	15	-6	3	0.3	1	-28	

Based on Preliminary Reports

November 2011

COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)			COUNTRY	CITY	TEMPERATURE (C)					PRECIPITATION (MM)		
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM			AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DPART F/NRM	TOTAL	DPART F/NRM
DENMAR	COPENHAGEN	9	6	13	0	7	2.3	4	-41		MARRAKECH	23	11	30	7	17	0.6	43	19
EGYPT	CAIRO	22	14	27	11	18	-1.2	9	4	MOZAMB	MAPUTO	***	***	35	18	***	*****	*****	*****
	ASWAN	27	14	34	10	20	-1.4	0	0	N KORE	PYONGYANG	12	5	22	-7	9	4.2	117	76
ESTONI	TALLINN	7	3	11	-5	5	4.1	47	-22	NEW CA	NOUMEA	***	***	31	20	***	*****	33	-37
ETHIOP	ADDIS ABABA	22	***	24	8	***	*****	7	-1	NIGER	NIAMEY	37	20	39	16	29	0.8	0	-1
F GUIA	CAYENNE	31	23	34	22	27	0.7	234	80	NORWAY	OSLO	5	2	11	-7	3	3.6	27	-61
FIJI	NAUSORI	28	23	31	21	26	0.8	423	179	NZEALA	AUCKLAND	19	13	24	9	16	*****	45	*****
FINLAN	HELSINKI	6	2	11	-7	4	4.0	23	-48		WELLINGTON	17	12	20	7	14	*****	47	*****
FRANCE	PARIS/ORLY	13	7	18	1	10	2.3	29	-20	P RICO	SAN JUAN	30	24	33	22	27	0.5	128	-29
	STRASBOURG	9	4	16	-2	6	0.9	3	-46	PAKIST	KARACHI	33	21	36	17	27	2.7	1	*****
	BOURGES	14	7	22	1	11	4.2	36	-27	PERU	LIMA	23	17	24	16	20	0.7	0	-1
	BORDEAUX	16	10	21	5	13	4.1	43	-62	PHILIP	MANILA	31	26	34	23	29	0.7	215	73
	TOULOUSE	16	10	23	4	13	4.3	24	-26	POLAND	WARSAW	6	0	15	-6	3	0.4	0	-36
	MARSEILLE	18	11	21	3	14	4.0	136	86		LODZ	7	0	16	-6	4	0.8	0	-41
GABON	LIBREVILLE	29	24	30	22	26	0.4	428	-94		KATOWICE	8	-1	17	-7	3	0.1	0	-49
GERMAN	HAMBURG	8	4	15	-4	6	0.6	8	-62	PORTUG	LISBON	18	12	23	8	15	0.6	175	74
	BERLIN	9	2	15	-4	5	0.7	1	-43	ROMANI	BUCHAREST	8	-1	17	-8	3	-1.1	2	-38
	DUSSELDORF	12	4	20	-4	8	1.3	6	-55	RUSSIA	ST.PETERSBURG	5	2	11	-6	4	3.5	25	-29
	LEIPZIG	9	1	16	-4	5	0.3	0	-35		KAZAN	-3	-6	7	-18	-4	-0.6	61	14
	DRESDEN	9	3	16	-4	6	1.1	0	-43		MOSCOW	2	-1	9	-11	0	1.9	47	-11
	STUTTART	10	1	16	-5	5	0.8	1	-45		YEKATERINBURG	-6	-10	4	-21	-8	-1.5	22	-7
	NURNBERG	8	0	16	-6	4	0.3	1	-44		OMSK	-6	-12	6	-24	-9	-1.2	52	23
	AUGSBURG	6	0	14	-4	3	0.0	1	-51		BARNAUL	-6	-12	8	-24	-9	-1.8	34	5
GREECE	THESSALONIKA	12	4	17	-1	8	-2.4	9	-50		KHABAROVSK	-3	-10	10	-20	-6	1.3	29	6
	LARISSA	14	3	20	-4	8	-1.8	2	-69		VLADIVOSTOK	3	-2	15	-13	0	1.1	38	12
	ATHENS	17	7	21	2	12	-2.9	0	-68		VOLGOGRAD	0	-5	9	-19	-3	-2.3	26	-5
GUADEL	RAIZET	30	23	31	19	26	0.3	253	57		ASTRAKHAN	2	-4	13	-16	-1	-3.9	14	-3
HONGKO	HONG KONG INT	27	22	32	17	24	2.6	127	92		ORENBURG	-4	-9	8	-25	-7	-3.0	27	-8
HUNGAR	BUDAPEST	7	0	17	-6	4	-0.8	0	-48	S AFRI	PRETORIA	30	17	36	13	24	2.5	53	-59
ICELAN	REYKJAVIK	***	***	9	-5	***	*****	*****	*****		JOHANNESBURG	26	13	32	6	20	1.5	91	-26
INDIA	AMRITSAR	28	12	31	7	20	2.0	7	0		BETHAL	27	13	33	6	20	2.5	25	-114
	NEW DELHI	29	15	33	12	22	1.5	0	-8		DURBAN	25	18	34	14	22	0.2	268	157
	AHMEDABAD	34	19	36	15	27	2.0	0	-10		CAPE TOWN	22	13	33	6	18	-0.5	27	9
	INDORE	31	16	33	14	23	1.3	0	-15	S KORE	SEOUL	15	8	26	-6	11	3.9	58	-4
	CALCUTTA	31	19	33	15	25	0.3	0	-37	SENEGAL	DAKAR	29	24	31	21	27	1.1	0	-3
	VERAVAL	35	23	37	21	29	2.2	0	-26	SPAIN	VALLADOLID	13	6	22	0	10	2.0	65	17
	BOMBAY	35	22	37	18	29	1.2	0	-6		MADRID	15	7	21	0	11	1.2	49	-2
	POONA	31	15	33	11	23	0.8	0	-27		SEVILLE	20	11	29	6	16	0.4	56	-41
	BEGAMPET	31	18	33	14	24	1.0	9	-20	SWITZE	ZURICH	8	3	16	-1	6	1.5	0	-89
	VISHAKHAPATNA	M 32	23	35	20	27	1.2	0	-102		GENEVA	10	4	16	-2	7	1.7	19	-66
	MADRAS	31	23	33	20	27	0.4	443	88	SYRIA	DAMASCUS	17	2	24	-6	10	-1.9	17	-6
	MANGALORE	33	23	35	21	28	0.2	117	51	TAHITI	PAPEETE	29	24	31	22	27	0.3	330	199
INDONE	SERANG	32	24	34	22	28	0.1	81	-69	TANZAN	DAR ES SALAAM	32	23	35	16	27	1.0	264	148
IRELAN	DUBLIN	13	7	15	-2	10	2.5	46	-19	THAILA	PHITSANULOK	33	22	34	20	27	0.7	32	-1
ITALY	MILAN	11	5	18	-1	8	0.8	115	39		BANGKOK	34	26	36	24	30	2.3	1	-48
	VERONA	14	4	19	-2	9	2.1	61	-4	TOGO	LOME	33	25	34	23	29	2.1	4	-18
	VENICE	13	5	17	-2	9	1.0	54	-16	TRINID	PORT OF SPAIN	32	24	34	22	28	1.5	94	-104
	GENOA	***	***	20	8	***	*****	*****	*****	TUNISI	TUNIS	22	14	25	11	18	2.1	24	-40
	ROME	19	8	21	4	14	1.1	52	-44	TURKEY	ISTANBUL	13	6	18	2	10	-1.7	7	-74
	NAPLES	19	9	22	3	14	1.4	80	-59		ANKARA	8	-5	13	-13	2	-3.4	11	-30
JAMAIC	KINGSTON	32	25	33	23	28	0.7	11	-79	TURKME	ASHKHABAD	10	3	20	-3	6	-3.7	49	29
JAPAN	SAPORO	9	3	18	-6	6	1.6	91	-12	UKINGD	ABERDEEN	11	7	16	-2	9	3.3	31	-52
	NAGOYA	18	11	25	3	14	2.4	84	5		LONDON	13	8	18	0	11	2.6	29	-21
	TOKYO	18	12	23	7	15	2.1	115	22	UKRAIN	KIEV	5	1	12	-6	3	1.3	5	-43
	YOKOHAMA	18	12	24	7	15	1.9	158	59		LVOV	6	-1	14	-7	3	0.7	1	-43
	KYOTO	18	11	26	4	14	1.8	75	12		KIROVOGRAD	5	-2	11	-11	2	0.4	2	-33
	OSAKA	19	12	26	6	16	2.2	92	28		ODESSA	7	2	12	-3	5	-0.8	0	-42
KAZAKH	KUSTANAY	-5	-11	6	-26	-8	-1.9	29	6		KHARKOV	3	-2	9	-11	0	-0.3	8	-36
	TSELINOGRAD	-5	-12	7	-24	-9	-2.3	17	-8	UZBEKI	TASHKENT	9	3	20	-6	6	-2.3	173	125
	KARAGANDA	-5	-12	6	-22	-8	-3.0	26	-1	VENEZU	CARACAS	31	25	34	21	28	0.9	66	9
KENYA	NAIROBI	25	16	30	15	21	1.1	193	79	VIETNA	HANOI	27	21	31	18	24	2.0	21	-25
LIBYA	TRIPOLI	23	***	30	10	***	*****	16	-33	ZIMBAB	KADOMA	31	18	37	14	25	-0.9	120	34
	BENGHAZI	***	***	24	***	***	*****	*****	*****										
LITHUA	KAUNAS	6	2	10	-4	4	1.7	14	-33										
LUXEMB	LUXEMBOURG	9	4	18	-3	7	2.6	8	-69										
MALAYS	KUALA LUMPUR	33	25	35	24	29	2.3	341	52										
MALI	TIMBUKTU	37	19	39	15	28	2.4	0	-1										
	BAMAHO	37	16	38	12	26	-1.0	0	-5										
MARSHA	MAJUJO	***	***	31	24	***	*****	427	107										
MARTIN	LAMENTIN	31	24	32	22	27	1.2	269	68										
MAURIT	NOUAKCHOTT	34	21	40	17	27	1.6	0	-3										
MEXICO	GUADALAJARA	26	11	29	2	18	0.9	0	-13										
	TLAXCALA	23	8	27	-2	15	0.5	6	-12										
	ORIZABA	23	13	29	4	18	0.3	69	-7										
MOROCC	CASABLANCA	21	14	30	10	17	1.2	117	64										

Based on Preliminary Reports



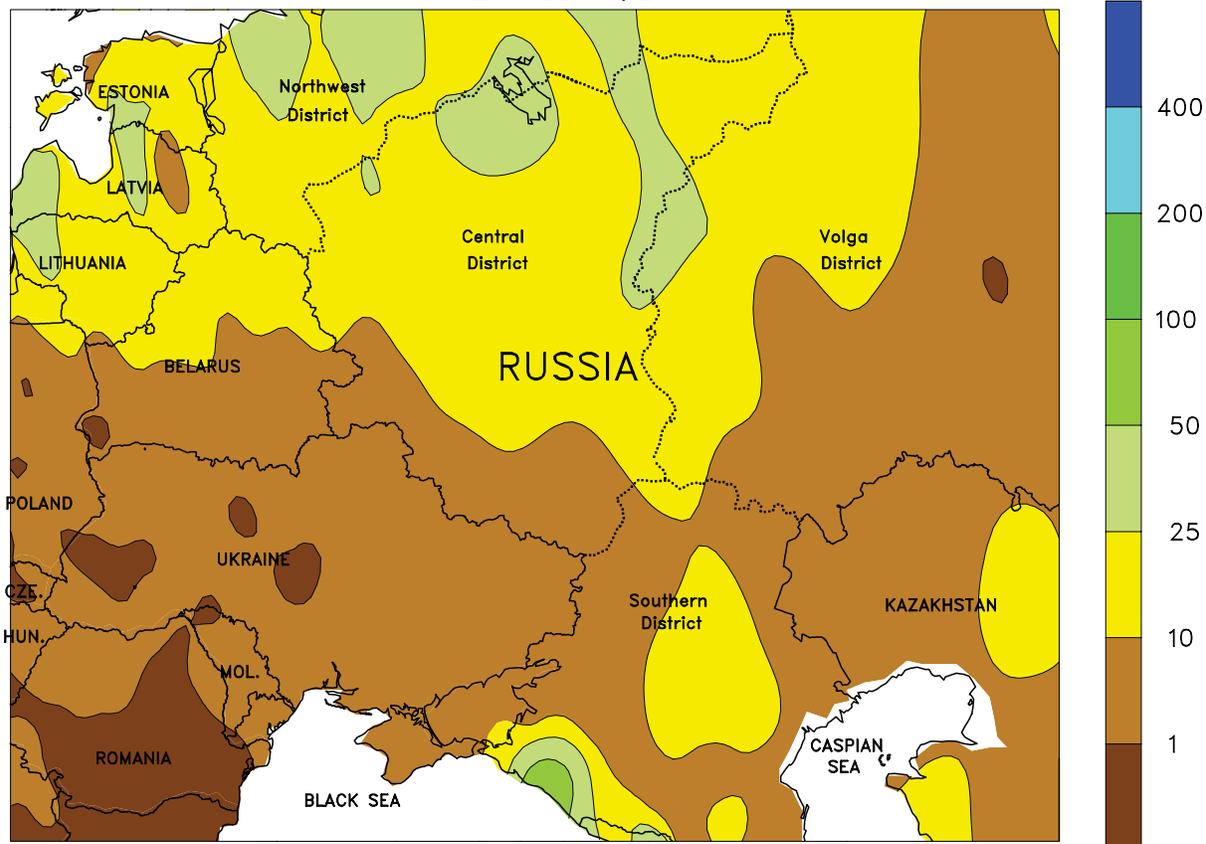
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

EUROPE

Dry weather gave way to increasingly showery, mild conditions over much of Europe, improving soil moisture for winter crops. Rain tallied 10 to locally more than 50 mm in France, England, and the Low Countries, favoring vegetative winter grains and oilseeds. Light to moderate rain (2-30 mm) was reported in Germany and Poland, although winter crops are dormant in these locales. Dry conditions prevailed in the

Balkans, where an unfavorably dry autumn led to poorly established winter wheat and rapeseed. Light showers (less than 10 mm) maintained soil moisture for wheat establishment in northern Italy and on the Iberian Peninsula. Temperatures averaged 2 to 4°C above normal over most crop areas, allowing winter grains and oilseeds to add vegetative growth over western portions of the continent.

WESTERN FSU
Total Precipitation (mm)
NOV 27 - DEC 3, 2011



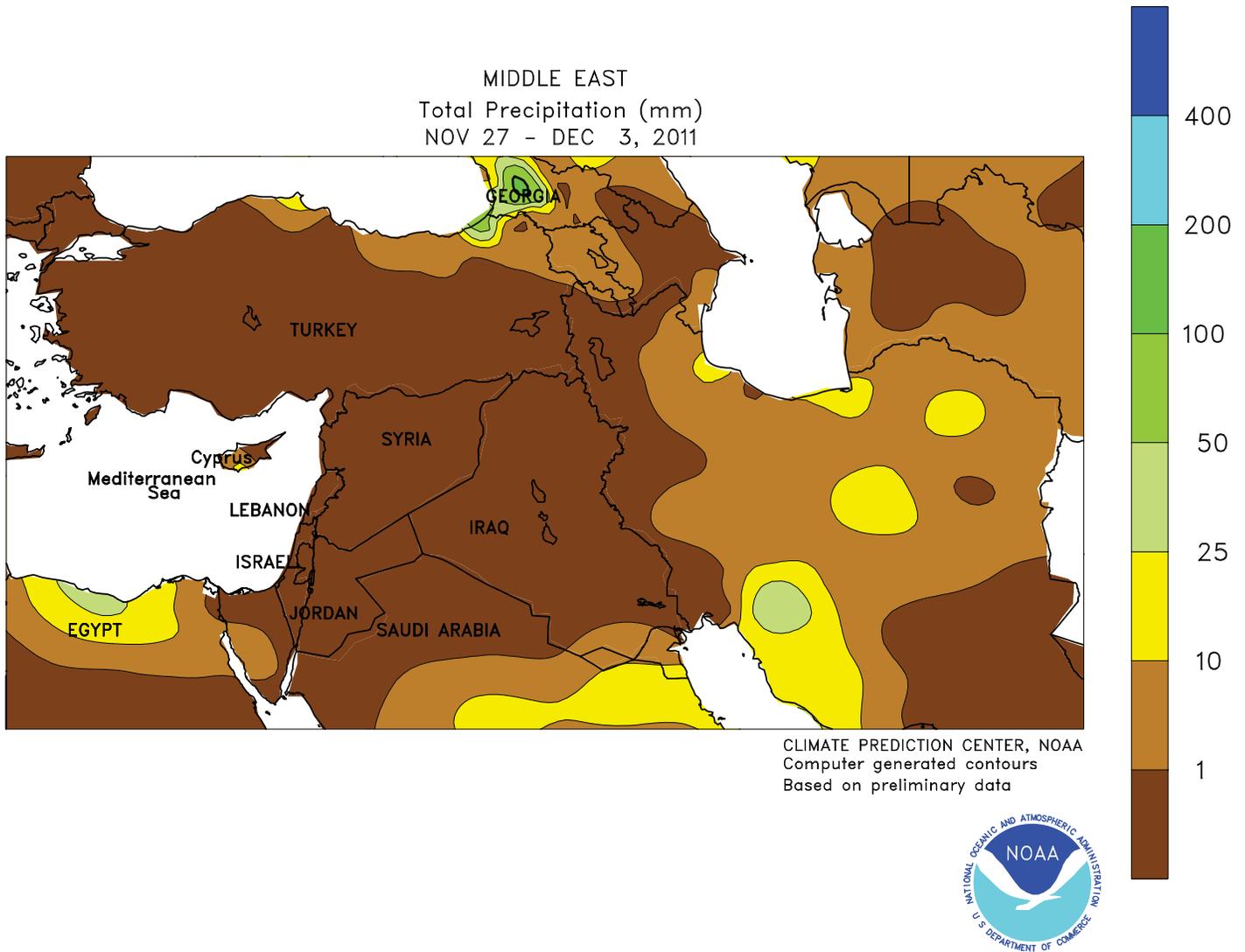
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



WESTERN FSU

Milder weather returned to the region, minimizing the threat of winterkill for dormant grains and oilseeds. Precipitation was generally light (5 mm or less, liquid equivalent) across the region, although somewhat higher totals (5-15 mm liquid equivalent) were reported in Russia. Snow depths in Russia

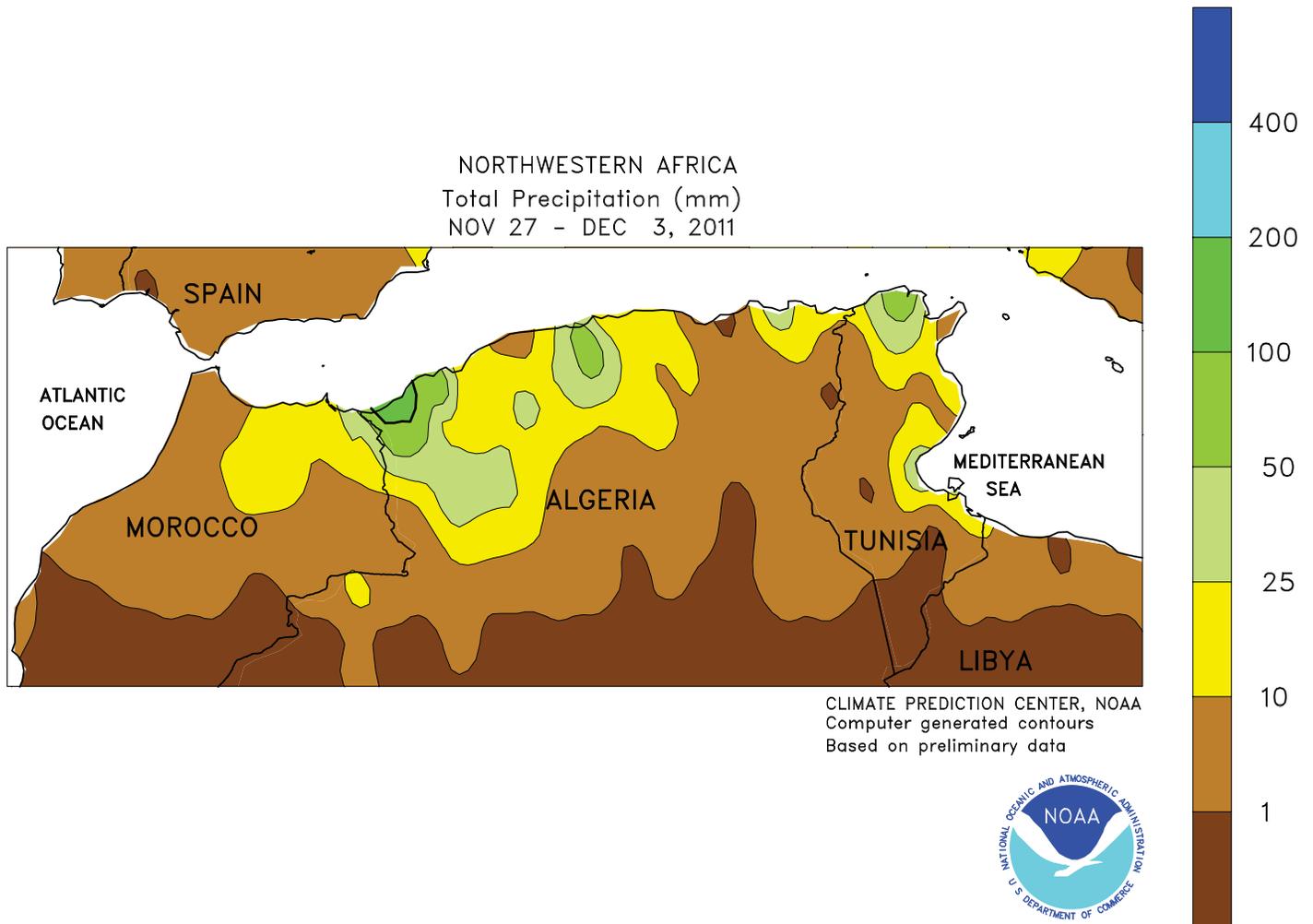
ranged from 2 to 5 cm in the Central and Southern Districts to locally more than 25 cm in the Volga District. Winter grains in Ukraine remained exposed to potential bitter cold, and concerns persist over the lack of autumn moisture for proper establishment prior to crops going dormant.



MIDDLE EAST

Dry weather expanded into Iraq and western Iran, while showers lingered in eastern-most growing areas. An increasingly dry weather pattern expanded from Turkey into western portions of Iran, favoring late-season fieldwork and promoting winter crop growth following recent heavy rain. Winter crops are mostly dormant in Turkey, with weekly average temperatures below 5°C reported over inland growing zones. Locales closer to the Mediterranean and

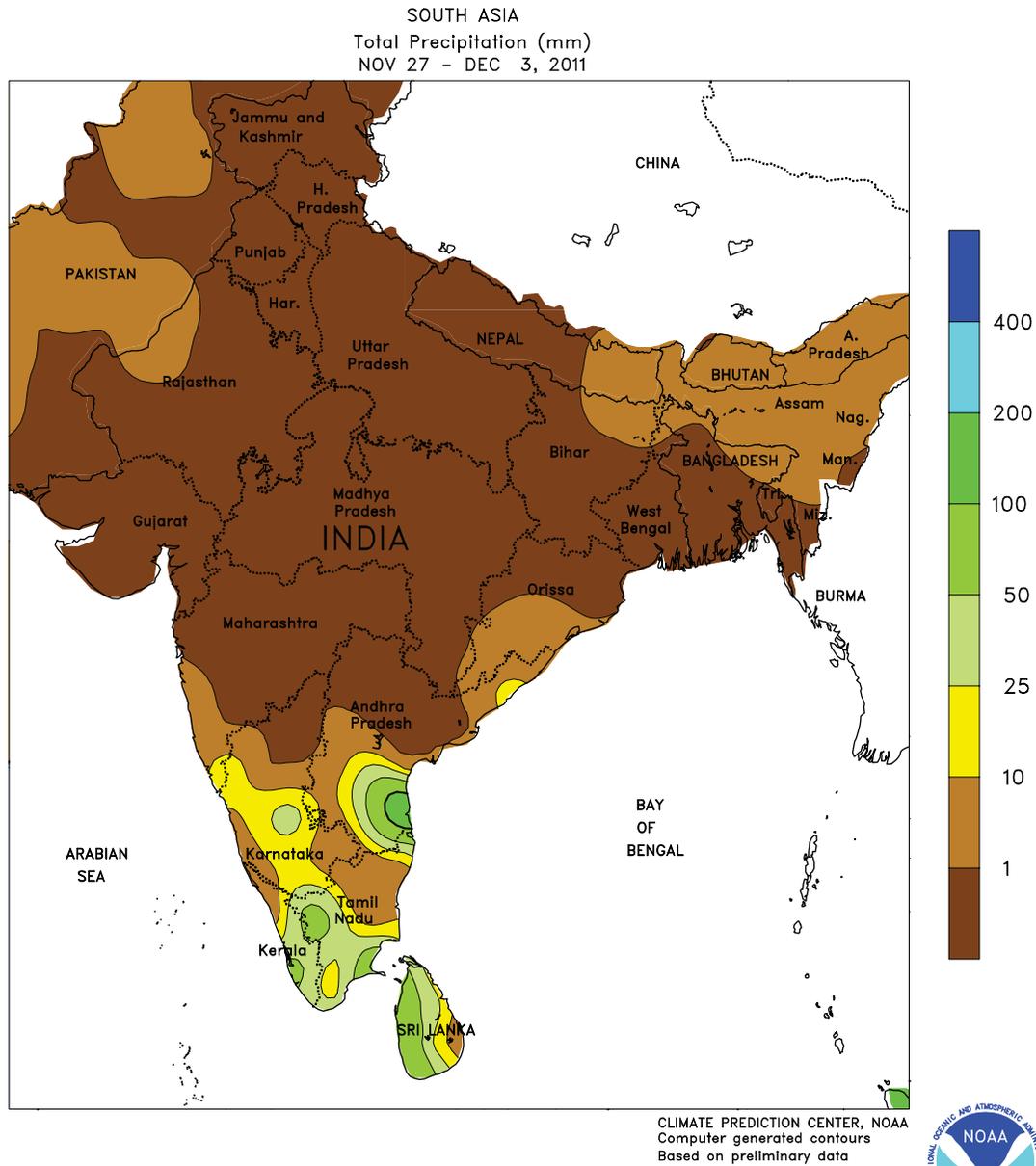
Black Sea coasts were milder, supporting additional vegetative growth. Showers (2-15 mm, locally more) lingered in southern and eastern Iran, maintaining the favorable start to the 2010-11 growing season. Overall, winter crops in Iran, Iraq, and southeastern Turkey are entering the winter under vastly improved circumstances compared to last year, when an exceptionally dry autumn led to poor crop establishment.



NORTHWESTERN AFRICA

Locally heavy rain persisted, continuing the excellent start to the 2011-12 growing season. Moderate to heavy showers (10-100 mm) from northern Morocco into northern Tunisia favored

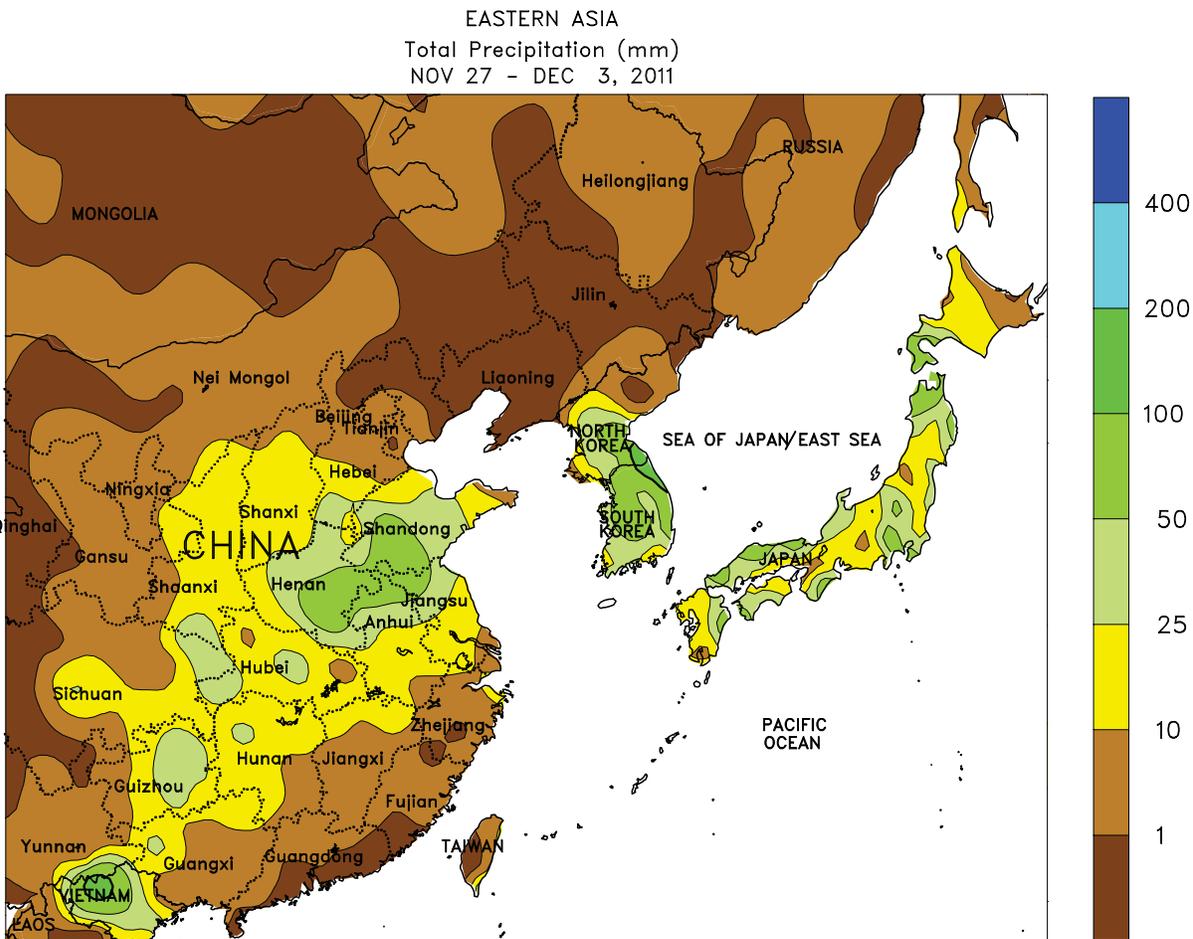
wheat and barley emergence and establishment but caused some fieldwork delays. Dry weather was confined to southern Morocco, promoting winter crop planting.



SOUTH ASIA

Seasonably dry, warm weather prevailed across India and Pakistan, while rainfall remained confined to the far southern states of India. Upwards of 100 mm of rain occurred in southern Andhra Pradesh, with slightly lesser amounts in Tamil Nadu and Kerala. The warm, sunny conditions farther

north aided the continued opening of cotton bolls as well as harvest activities. In addition, weekly average temperatures in the low 20s (degrees C) benefited development of rapeseed in the middle rosette stage across Rajasthan, while also benefiting wheat in the middle tillering stage of development.



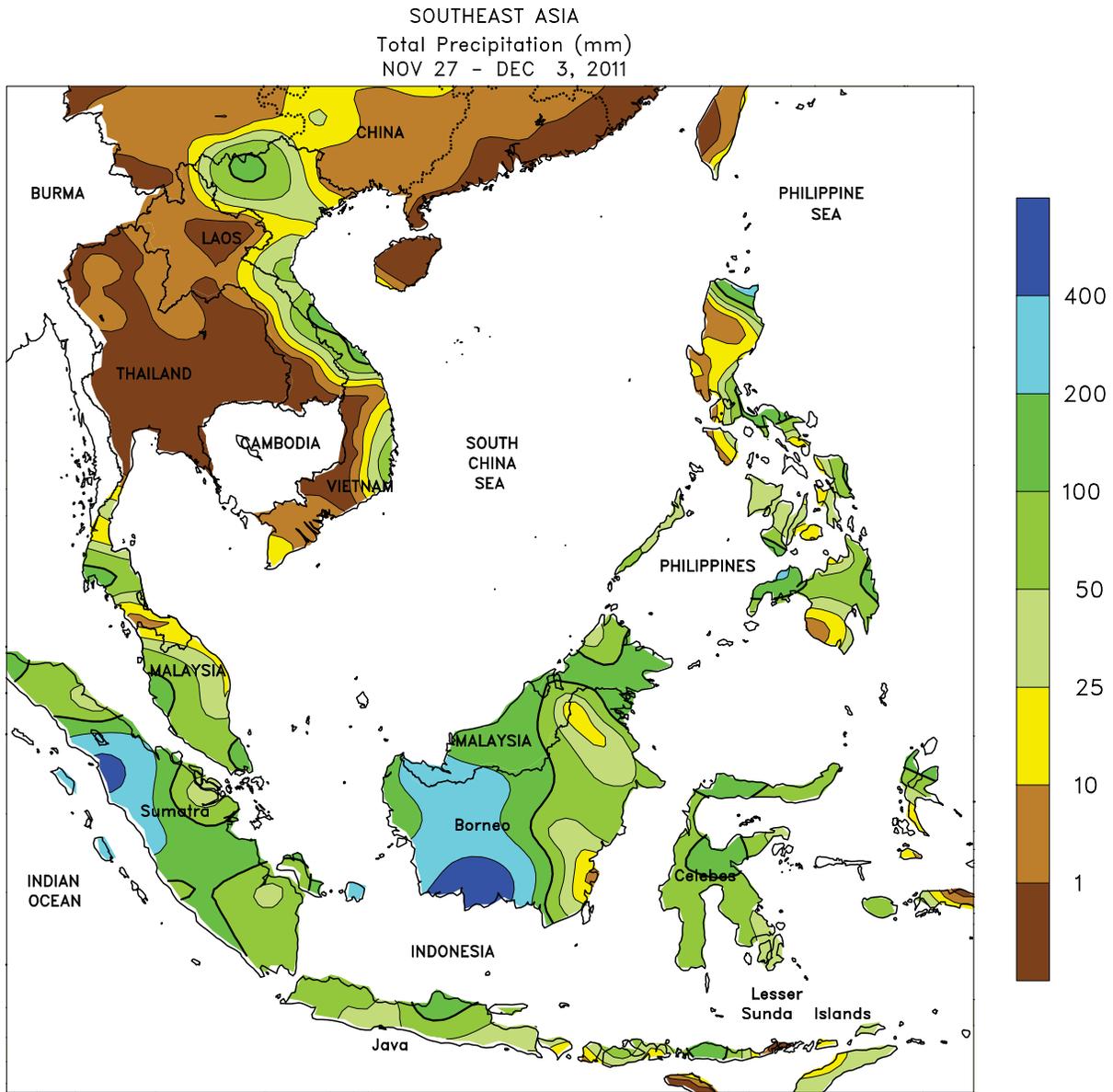
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



EASTERN ASIA

Rain continued across the North China Plain, with widespread amounts between 25 and 50 mm occurring early in the week. The latest rainfall boosted already favorable moisture reserves for winter wheat heading into dormancy, in contrast to last year's autumn dryness. Weekly average temperatures continued to fall, dipping below 5°C in the main wheat areas, with weekly minimum temperatures

below freezing. The onset of colder weather spurred much of the wheat into dormancy. Farther south, rainfall amounts were less (10-25 mm) within the Yangtze Valley where moisture supplies remained favorable for winter rapeseed approaching dormancy. Weekly average temperatures were below 10°C in Hubei and western Anhui but were nearly 15°C elsewhere in the Valley.



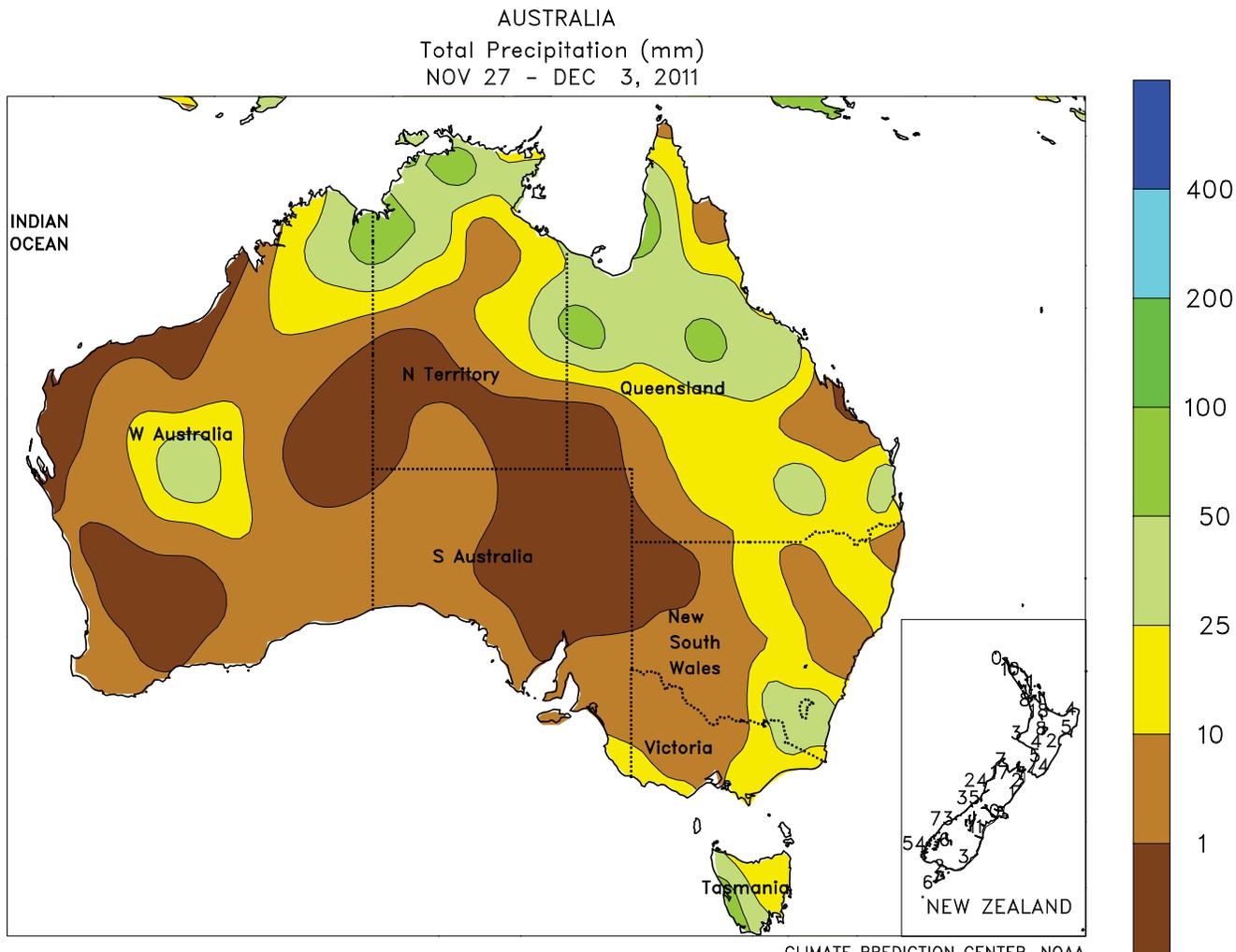
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



SOUTHEAST ASIA

Torrential rainfall abated in the eastern Philippines, although amounts remained above 100 mm throughout the east. The somewhat drier conditions allowed farmers to resume fieldwork, including replanting rice and corn. In Vietnam, showers (25-50 mm) boosted moisture supplies for spring rice

in the north, while mostly sunny weather favored development of rice in the south. Seasonably wet weather continued in Indonesia, promoting rice development in Java, while heavy showers (over 600 mm in some areas) delayed oil palm harvesting in Kalimantan.



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

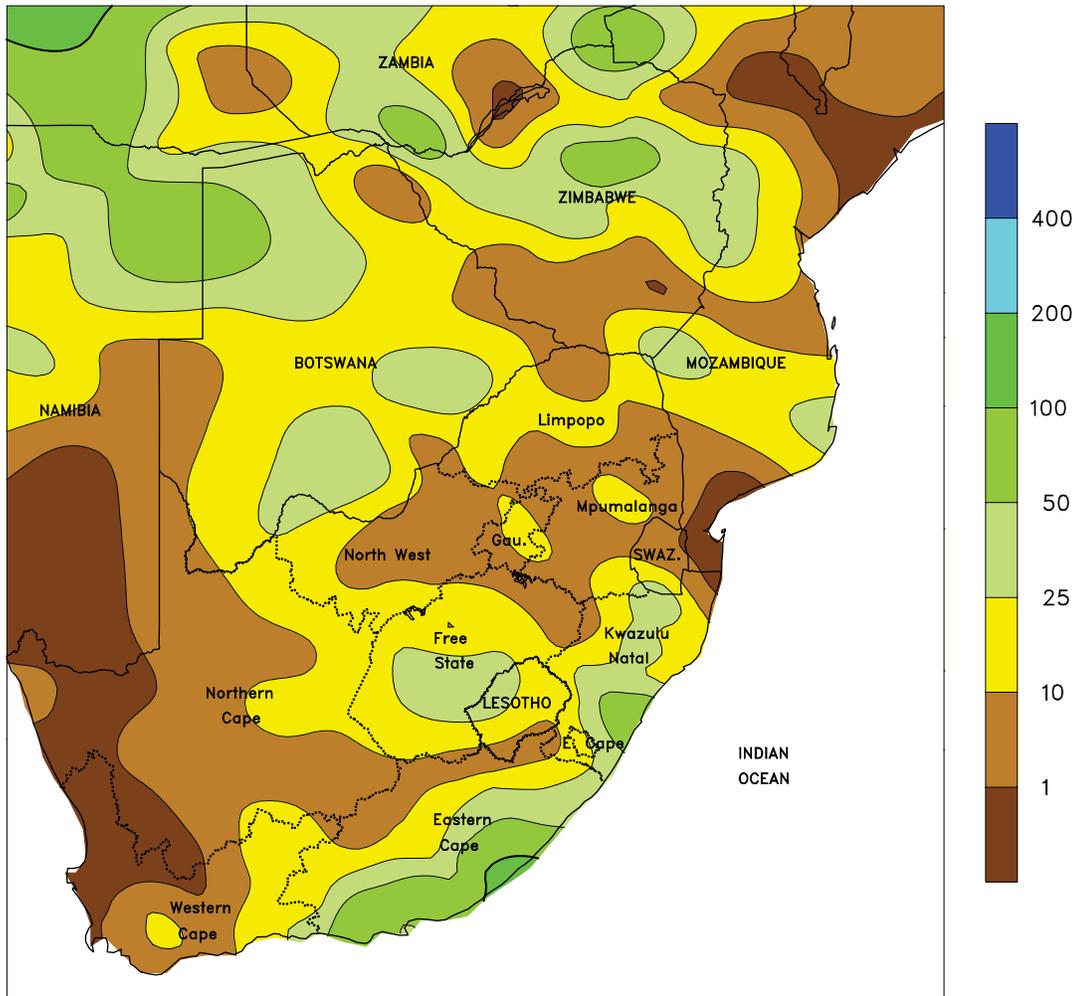


AUSTRALIA

In Western Australia, South Australia, and northern Victoria, dry weather favored wheat, barley, and canola maturation and harvesting. In contrast, widespread showers (5-30 mm, locally more) in New South Wales and Queensland hampered winter grain drydown and harvesting and maintained concerns about crop quality.

Moisture supplies remained abundant to locally excessively for vegetative cotton and sorghum, delaying fieldwork but spurring development of both dryland and irrigated summer crops. Temperatures averaged near to slightly below normal (up to 2°C below normal) across most of the wheat belt.

SOUTH AFRICA
 Total Precipitation (mm)
 NOV 27 - DEC 3, 2011



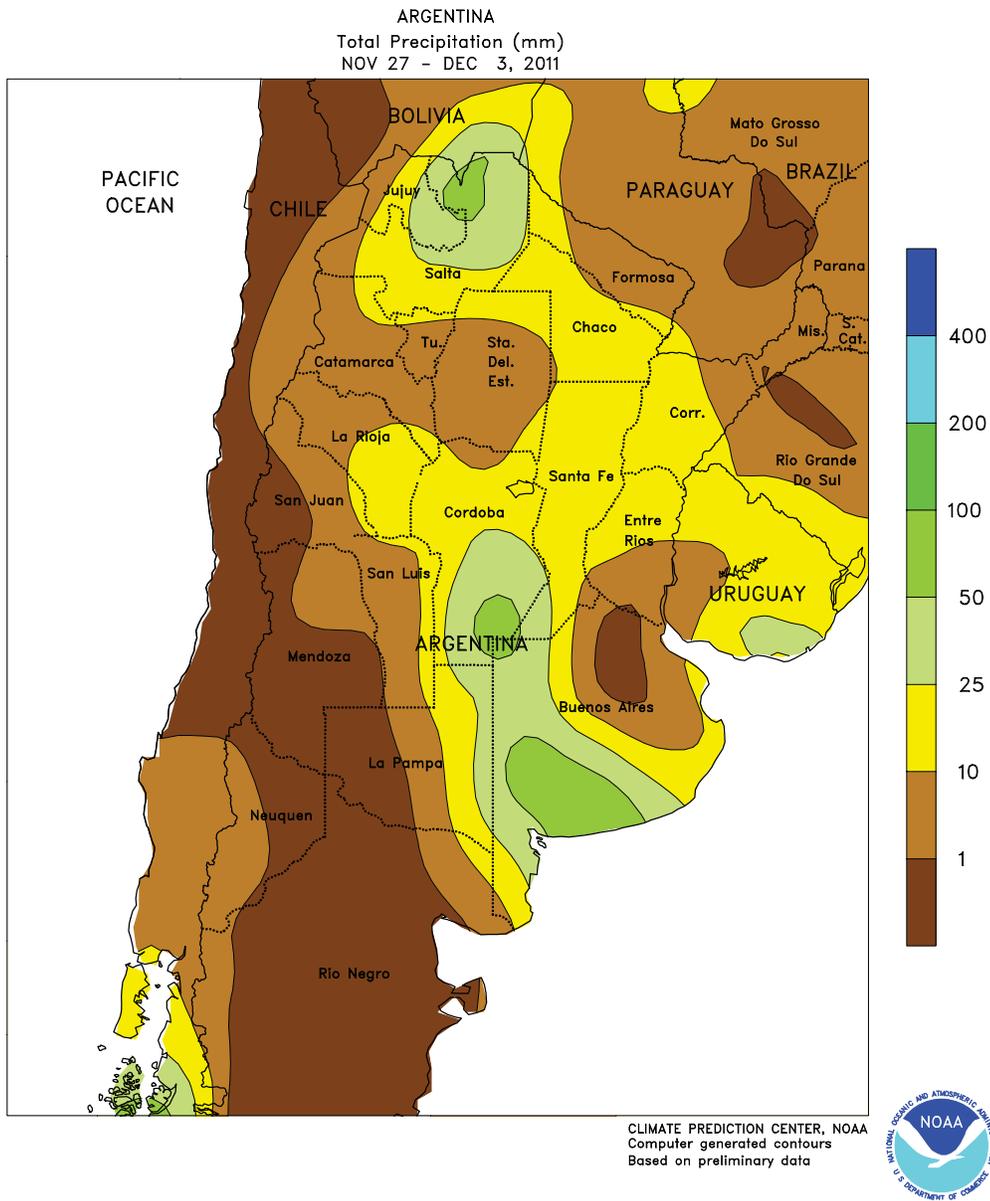
CLIMATE PREDICTION CENTER, NOAA
 Computer generated contours
 Based on preliminary data



SOUTH AFRICA

Warm, showery weather continued throughout the corn belt, bringing some additional relief from earlier periods of unseasonable warmth and dryness. However, rainfall was less than last week, with many areas receiving below 10 mm. Weekly average temperatures were near to slightly above normal, with daytime highs mostly in the upper 20s (degrees C) in the east (in and around Mpumalanga) and the lower 30s farther west. Additional rain is needed soon to ensure uniform germination and proper establishment of corn and other summer crops, particularly in eastern sections of the corn belt

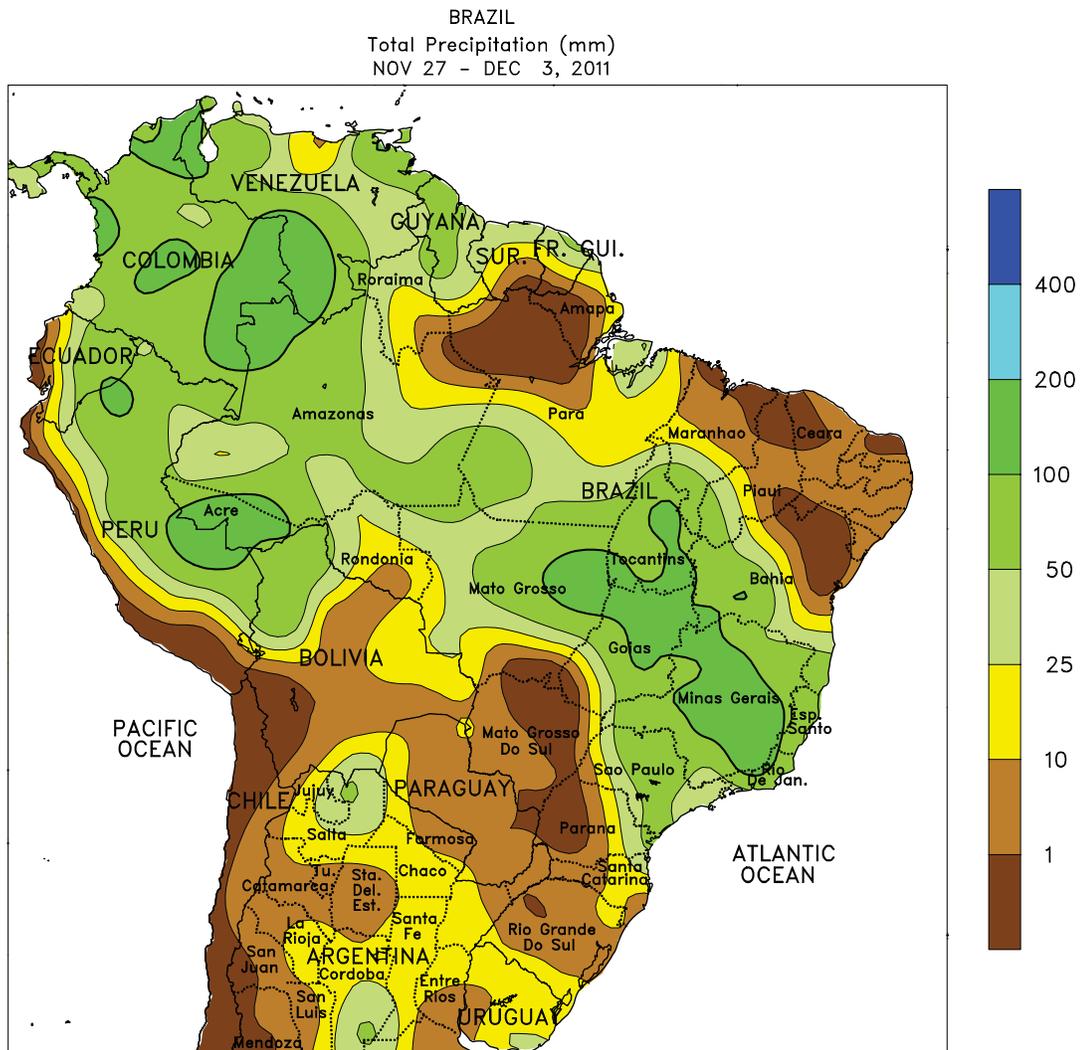
that have trended drier than normal since late October. More consistent rain would also be welcome in the western corn belt, where dryness may be forestalling planting. Elsewhere, beneficial rain (25-50 mm or more) continued in rain-fed sugarcane areas of southern KwaZulu-Natal and in most farming areas of Eastern Cape. Meanwhile, mostly dry, occasionally warm weather (daytime highs briefly reaching the lower and middle 30s) prevailed in Western and Northern Cape Provinces, advancing development of irrigated row crops, orchards, and vineyards.



ARGENTINA

Variable showers and summer warmth were recorded throughout most major farming areas, maintaining overall favorable conditions for winter and summer crops. In central Argentina, locally heavy rain (10-25 mm or more, locally exceeding 50 mm) returned to the southern wheat belt (La Pampa and southern Buenos Aires) and western farming areas in and around southern Cordoba. Following last week's much-needed rain, however, pockets of dryness returned to the lower Parana River Valley (northern Buenos Aires, Entre Rios, and Santa Fe). Weekly temperatures averaged 1°C above normal throughout the region, with highs mostly in the upper 20s and lower 30s (degrees C), maintaining rapid developmental rates of winter grains and emerging summer

grains and oilseeds. Farther north, satellite imagery depicted locally heavy showers (greater than 25 mm) in key cotton producing areas of eastern Santiago del Estero, western Chaco, and northwestern Santa Fe, though a generally drier pattern dominated the northeast. Weekly average temperatures were 1 to 2°C above normal throughout the north, with early week highs of 35 to 40°C before the onset of the locally heavy rain. According to Argentina's Ministry of Agriculture, sunflower and corn planting was 98 and 74 percent complete, respectively, as of December 1. Soybeans were 66 percent planted, 6 points ahead of last year's pace. In addition, winter wheat was 30 percent planted, 5 points ahead of last year.



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



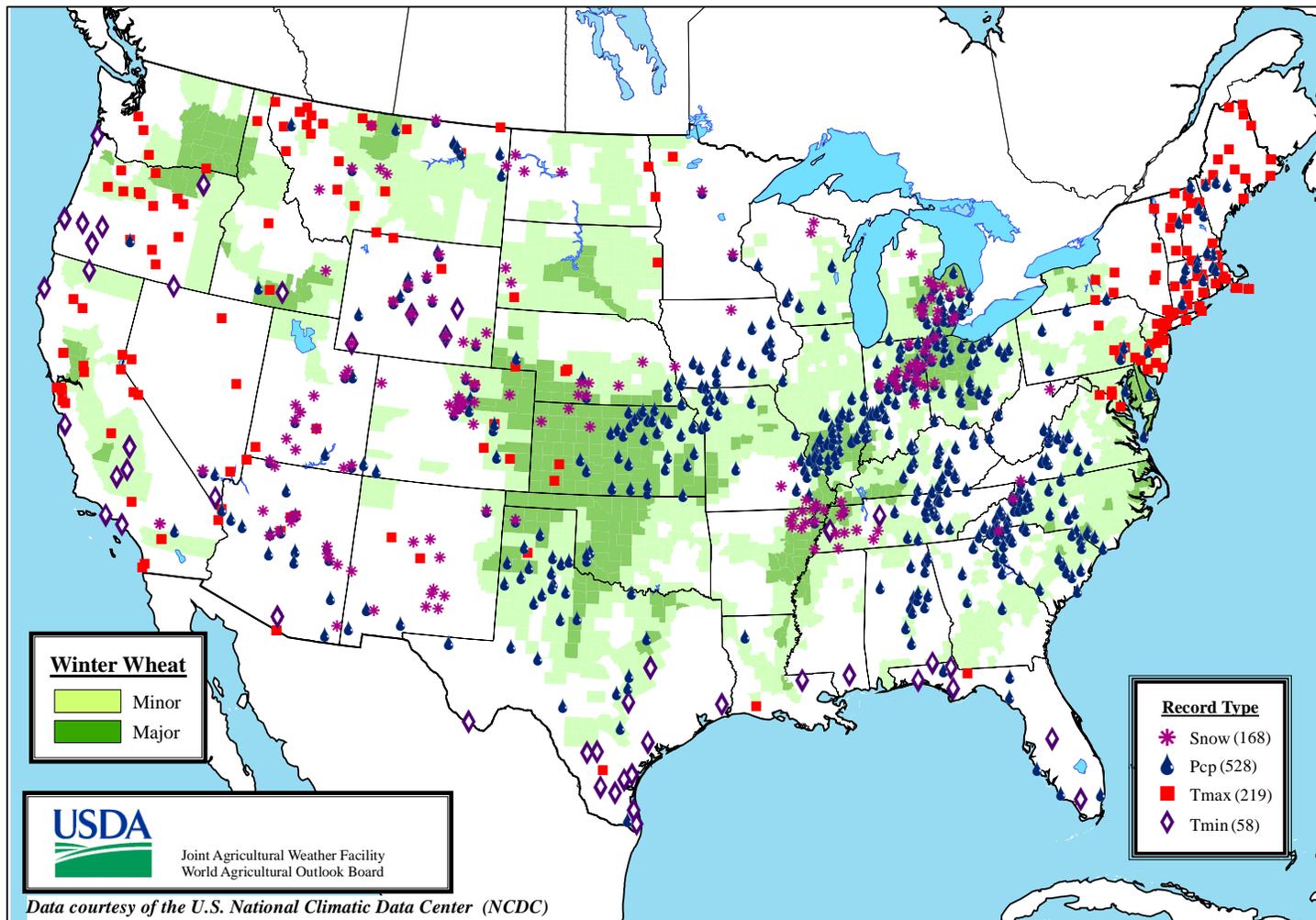
BRAZIL

Unseasonable warmth and dryness dominated a large section of southern Brazil, rapidly advancing soybean planting but reducing moisture for emerged summer crops. Virtually no rain was recorded from Mato Grosso do Sul and western Sao Paulo southward through Rio Grande do Sul, allowing weekly temperatures to average up to 3°C above normal (daytime highs in the lower and middle 30s for much of the week). This same area has experienced periods of dryness since the beginning of October, and a return to a more normal rainfall pattern is needed to ensure current crop yield potentials. In contrast, heavy rain (50-100 mm or more) continued to the

north, including most major agricultural areas of Mato Grosso and Goias, the northeastern interior (notably western Bahia and Tocantins), and the southeastern coffee belt (Minas Gerais and Espirito Santo). Showers also extended southward into central Sao Paulo, locally increasing moisture for sugarcane. Weekly average temperatures were generally within 1°C of normal in these wetter areas, although highs reached the middle 30s (degrees C) in the traditionally warmer parts of Mato Grosso and the northeast. Seasonable warmth and dryness continued throughout Brazil’s northeastern tip, favoring seasonal fieldwork that included sugarcane and cocoa harvesting.

Daily Weather Records (ASOS & COOP)

November 27-December 3, 2011



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