

***NATIONAL WEATHER SERVICE  
PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)  
TYPE: Official Product  
DATE: January 28, 2003***

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6- TO 10-DAY AND 8- TO 14-DAY OUTLOOK DISCUSSION  
(CONTIGUOUS U.S. AND ALASKA)

## **Part 1 - Mission Connection**

**1. Product/Service Description:**

The Climate Prediction Center (CPC) provides a technical discussion of the meteorological and climatological basis for the outlooks.

**2. Purpose/Intended Use:**

This discussion provides technical insight to further assist business decision making.

**3. Audience:**

The audience is primarily decision makers with some technical background in weather and climate sensitive activities sensitive to intra-monthly climate variation (e.g. weather risk management, energy/utilities, agriculture, hydrology, etc.).

**4. Presentation Format:**

CPC presents the discussion in text sent over NWS dissemination systems and on the CPC web site.

**5. Feedback Method:**

E-mail both [Robert.Leffler@noaa.gov](mailto:Robert.Leffler@noaa.gov) and [Barbara.Mayes@noaa.gov](mailto:Barbara.Mayes@noaa.gov).

## **Part 2 - Technical**

**1. Format and Science Basis:**

CPC includes a textual analysis section on weekdays only. In the analysis, CPC gives the meteorological and climatological basis for the outlooks. CPC may include analyses of numerical and statistical models, meteorological circulation patterns and trends, and confidence factors. CPC usually refers to the manually produced 6- to 10-day and 8- to 14-day Northern Hemisphere prognoses for mean 500 millibar heights and 500 millibar height anomalies. CPC may also refer to the method of operational ensemble prediction.

CPC transmits a coded state-by-state outlook table daily (including weekends).

The following is a generic format. The latest discussion is at the following URL:

<http://www.cpc.ncep.noaa.gov/products/predictions/610day/fxus06.html>.

PROGNOSTIC DISCUSSIONS FOR 6- TO 10-DAY AND 8- TO 14-DAY OUTLOOKS

NWS CLIMATE PREDICTION CENTER CAMP SPRINGS MD  
 300 PM E-T day mon # 20  
 (beginning of weekday analysis section)

6- TO 10-DAY OUTLOOK FOR —

MODEL COMPARISONS: (weekday text)  
 MODEL OF THE DAY: (weekday text)

8- TO 14-DAY OUTLOOK FOR —

MODEL COMPARISONS: (weekday text)

FORECASTER: (name for weekday outlooks)

NOTES: (weekday)

AUTOMATED FORECASTS ARE ISSUED ON SATURDAY AND SUNDAY. OTHERWISE - FORECASTS INCORPORATE FORECASTER INPUT. THE NOTATION FOR THE CATEGORICAL FORECAST INDICATED ON THE MAPS IS THE SAME AS THAT IN THE TABLES: A-ABOVE N-NEAR NORMAL B-BELOW IN THE SOUTHWEST AND OTHER CLIMATOLOGICALLY DRY REGIONS - THERE WILL BE A GREATER THAN 33.3% CHANCE OF NO PRECIPITATION AND OCCASIONALLY EVEN A NORMAL(I.E. MEDIAN) VALUE OF ZERO - ESPECIALLY DURING THE DRY SEASONS. IN SUCH CASES A FORECAST OF NEAR NORMAL IS EFFECTIVELY A FORECAST OF LITTLE OR NO PRECIPITATION.

GLOSSARY AND DEFINITIONS: \_\_\_\_\_  
 (weekday text)

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THE NEXT MONTHLY AND SEASONAL OUTLOOKS WILL BE RELEASED ON ...  
 (end of weekday analysis section)

6 TO 10 DAY OUTLOOK TABLE

STATE	TEMP	PCPN	STATE	TEMP	PCPN	STATE	TEMP	PCPN
ss	ltr	ltr	ss	ltr	ltr	ss	ltr	ltr

etc.

8 TO 14 DAY OUTLOOK TABLE

STATE	TEMP	PCPN	STATE	TEMP	PCPN	STATE	TEMP	PCPN
ss	ltr	ltr	ss	ltr	ltr	ss	ltr	ltr

etc.

## LEGEND

TEMPS WITH RESPECT TO NORMAL	PCPN WITH RESPECT TO MEDIAN
A - ABOVE N - NEAR NORMAL	A - ABOVE N - NEAR MEDIAN
B - BELOW	B - BELOW

THE FORECAST CLASSES REPRESENT AVERAGES FOR EACH STATE. NORMAL VALUES - WHICH MAY VARY WIDELY ACROSS SOME STATES - ARE AVAILABLE FROM YOUR LOCAL WEATHER SERVICE FORECAST OFFICE.

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### 2. **Availability:**

These are scheduled products. CPC issues this discussion daily at around 3:00 p.m. Eastern local time. CPC does not issue updates or amendments. They will issue corrections as needed. CPC issues the discussion on NWS dissemination systems under the following product IDs:

WMO heading - FXUS06 KWBC

AWIPS ID - PMDMRD

They are also issued on the CPC web site at the URL address in section a.

### 3. **Additional Information:**

- Valid Time: The discussion is valid for the outlook periods.
- Product Expiration Time: The discussion expires 24 hours after issuance.
- Creation Software: CPC uses a text editor.