

## Crop Moisture Index.

### **Part 1 - Mission Connection**

a. Product/Service Description. The Climate Prediction Center's (CPC) and U.S. Department of Agriculture's Joint Agricultural Weather Facility (JAWF) produces the Crop Moisture Index chart. The index indicates short term conditions.

b. Purpose/Intended Use. The index is intended for short term planning.

c. Audience. The audience is primarily agricultural and water supply managers.

d. Presentation Format. Graphics are posted in HTML on the CPC web site.

e. Feedback. Go to <http://www.cpc.ncep.noaa.gov/comment-form.html>

### **Part 2 - Technical**

a. Format and Science Basis. The index depicts short-term (up to 4 weeks) abnormal dryness or wetness affecting agriculture. This index responds rapidly, can change considerably from week to week, and indicates normal conditions at the beginning and end of the growing season. JAWF assigns numerical index values for each NCDC climate division.

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JAWF uses 7 categories:

Index range Condition for NCDC climate divisional area

-3.0 or below severely dry

-2.0 to -2.9 excessively dry

-2.0 to -2.9 moderate drought

-0.9 to +0.9 slightly dry or favorably moist

+1.0 to +1.9 abnormally moist

+2.0 to +2.9 wet

+3.0 or above excessively wet

The latest Crop Moisture is at

[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/regional\\_monitoring/cmi.gif](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/regional_monitoring/cmi.gif)

b. Availability. JAWF issues this product each Monday at around 12:00 noon Eastern local time. JAWF does not issue updates. They will issue corrections as needed. They are issued on the CPC web site at the URL listed in section a.

c. Other information

Valid Time. This product is valid for one week after issuance.

Product Expiration Time. This product expires with the next issuance

Creation Software. JAWF uses in-house National Center of Atmospheric Research (NCAR) graphics.