

# Current Guidance Forecast Skill Percent of Variance Explained

Nov 07, 2010

**For guidance only**

**Current Guidance  
Forecast Skill ( $r^2$ )  
(% variance explained)**

- ▲ 91% - 100% (better)
- ▲ 81% - 90%
- ▲ 71% - 80%
- ▲ 61% - 70%
- ▼ 51% - 60%
- ▼ 41% - 50%
- ▼ 31% - 40%
- ▼ < 30% (worse)

"Skill" is the squared correlation coefficient for the calibration set of the equation used to produce today's guidance forecast. This does not consider low skill due to poor realtime data quality.

*Provisional Data  
Subject to Revision*

0 50 100 200 Miles



Prepared by the USDA/NRCS National Water and Climate Center  
Portland, Oregon [http://www.wcc.nrcs.usda.gov/wsf/daily\\_forecasts.html](http://www.wcc.nrcs.usda.gov/wsf/daily_forecasts.html)  
Based on data from  
[ftp://wcc.nrcs.usda.gov/data/water/wcs/daily\\_forecast/SummaryOutput.csv](ftp://wcc.nrcs.usda.gov/data/water/wcs/daily_forecast/SummaryOutput.csv)  
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*This is a completely automated objective product based on SNOTEL data. This product is not meant to replace or supersede the official forecasts produced in coordination with the National Weather Service.*

