

CPC Verification Web Tool (VWT)

This is an interactive tool that allows users to calculate the skill of forecasts, which is a relative measure of how the forecasts performed. Knowledge of forecast skill can help users when using forecasts for decision making.

Instructions for use:

1. Select type of skill score output display desired ("Chart" or "Map").
2. For "Chart," select region(s) to verify ("Climate Regions", "States", "Climate Divisions"). For "Map," select date(s) to verify ("Date Range", "Months/Seasons & Years", "Climate Phenomena").
3. Select Forecast and Verification Options.
4. Click the "Get Scores" button.

[Click here for more information](#)

Overview Panel - Basic information about tool

Settings Panel - Customize verification options

Region Panel - Chose specific verification region(s)

Results Panel - Results are displayed here

Error Panel - Contains warnings and errors related to score calculation

Info Panel - Information about the score being calculated

Print Settings Panel - Temporary panel displaying settings used for each run (for debugging)

Chart | Map | Tutorial

Scroll down the page to see the results, error messages, and information panel.

1 Options

Forecast options

Field [?]

Period [?]

Lead time [?]

Data format [?]

Forecast(s)
(Select up to 4) [?]

☒ CPC Official (Manual)
☒ CPC Official (Auto)
[Select forecast models](#)

Verification options

Start date [?] 20120501

End date [?] 20120501

Region(s) [?] All

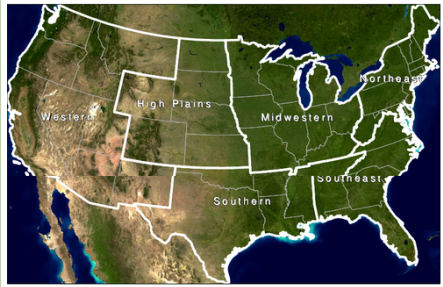
Skill Score [?] heidke

Forecast categories [?] include all

Get scores Finished, please scroll down

2 Select region(s) to verify

To unselect, you must clear all regions by clicking "Revert to all regions". All regions are verified by default.

[Revert to all regions](#)

3

Interacting With the Chart

Click on chart and then hover over points for values
[Customizing the chart](#)

Manual
-ave manual
-Zero skill

Save chart as image (PNG)

4

Warnings and Errors

5

Information

Summary of results

The *average* height score(s) for including all categories for the

- manual cost is **40.38** with 20000 units
- auto cost is **31.55** with 20000 units

- auto

for the EC forest

for the s... EC forec...

$$EC_{withEC} (\%) = HS_{withEC} \times coverage$$

where coverage = number of non EC forecasts/Total.

Settings Used (copy these settings into the survey when describing a problem)

```
variable=temp, fcstSources>manual,auto, leadTime=08d, aveWindow=05d, datesValidType=dateRange, datesValid=20120501,20120531,
regionType=climateRegion, regions=All, spatialType=station, outputType=chart, outputDimension=time, scoreType=heidke, categoryType=total
```