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Heat Index Calculator

[How do we calculate the heat index?](#)

Choose the appropriate calculator and enter the values. Then click "Calculate".

Using Dew Point Temperature	Using Relative Humidity
<div>Air Temperature <input type="text"/> °F <input type="text"/> °C</div> <div>Dew Point Temperature <input type="text"/> °F <input type="text"/> °C</div> <div><input type="button" value="Calculate"/> <input type="button" value="Reset"/></div> <div>Heat Index = <input type="text"/></div>	<div>Air Temperature <input type="text" value="74.9"/> °F <input type="text" value="23.83"/> °C</div> <div>Relative Humidity <input type="text" value="85"/> %</div> <div><input type="button" value="Calculate"/> <input type="button" value="Reset"/></div> <div>Heat Index = <input type="text" value="76 F / 25 C"/></div>

* Please note: The Heat Index calculation may produce meaningless results for temperatures and dew points outside of the range depicted on the Heat Index Chart linked below.

Heat Index Chart and Explanation

WPC Heat Index Forecasts

More Meteorological Conversions and Calculations

NOAA/ National Weather Service
National Centers for Environmental Prediction
Weather Prediction Center
5830 University Research Court
College Park, Maryland 20740
Weather Prediction Center Web Team
Page last modified: Friday, 30-Jan-2015 13:19:50 UTC

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