Table 17: Cloud and Sunshine Statistics Along the 2009 Eclipse Path

<table>
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<tr>
<th>Location</th>
<th>Percent of Possible Sunshine</th>
<th>Clear</th>
<th>Trace</th>
<th>Scattered</th>
<th>Broken</th>
<th>Overcast</th>
<th>Obscured</th>
<th>Average Cloud (calc.)</th>
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</table>

* = station is within zone of total eclipse  
Data: NCDC

Percent of possible sunshine: the percent of time from sunrise to sunset at which sunshine is recorded on average, for July. This statistic is probably the best for determining the probability of seeing the eclipse.

Percent frequency of clear, trace, scattered, broken, and overcast cloud and obscured skies. Clear means no cloud whatsoever, trace is 1-2 oktas, broken is 5-7 oktas, and overcast means no breaks in cloud cover whatsoever. Obscured is used for fog conditions and refers to a surface-based layer that hides the sky. An okta is an eighth of the sky.