



Groundhog Day weather predictions through time

In North American tradition, groundhogs (*Marmota monax*) are consulted on the 2nd of February for a weather prediction. Specifically, if a groundhog is deemed to see its own shadow, there should be six more weeks of winter. If, however, the groundhog does not see its shadow, it means that there will be an early spring.

At **GROUNDHOG-DAY.COM**, they have collated these predictions from across Canada and the United States. Each vertical bar depicts the number of predictions made by groundhogs for either a longer winter or an early spring. Bars ending with a filled diamond indicate a consensus among groundhog's predictions. This consensus was determined by testing whether there was less than a 20% chance that the predictions were random using a test of equal proportions.

Visualization by James G. Hagan
Data from **GROUNDHOG-DAY.COM**