



**IF PHIL
DOES NOT
SEE HIS
SHADOW**

SPRING HAS SPRUNG

FEBRUARY 2 GROUNDHOG DAY

**IF PHIL
DOES
SEE HIS
SHADOW**

6 WEEKS MORE WINTER



Does Punxsutawney Phil get it right?

February 1887

March 1887

FIRST FORECAST

Saw Shadow

Predicted 6 more weeks of winter

The Northeast, Great Lakes region, and West saw temperatures well **below** normal while the Southeast and Gulf states saw temperatures well **above** normal.

The Northeast, Great Lakes region, Ohio Valley, and Southeast saw temperatures well **below** normal while areas west of the Mississippi River valley saw temperatures **above** normal.

Source: Monthly Weather Review forms, February and March 1887

In the past 10 years, Phil has gotten it right **40%** of the time.



Punxsutawney Phil versus the U.S. National Temperature

2006–2015

	SHADOW	FEBRUARY TEMPERATURE DEPARTURE	MARCH TEMPERATURE DEPARTURE
2015	Yes	Slightly Below	Above
2014	Yes	Below	Slightly Below
2013	No	Slightly Above	Slightly Below
2012	Yes	Above	Above
2011	No	Slightly Below	Above
2010	Yes	Below	Above
2009	Yes	Above	Above
2008	Yes	Slightly Above	Slightly Above
2007	No	Below	Above
2006	Yes	Above	Above

Source: www.ncdc.noaa.gov/cag/



PREDICTED EARLY SPRING

17 times

10 times no record

PREDICTED MORE WINTER

102 times