

OVERVIEW:

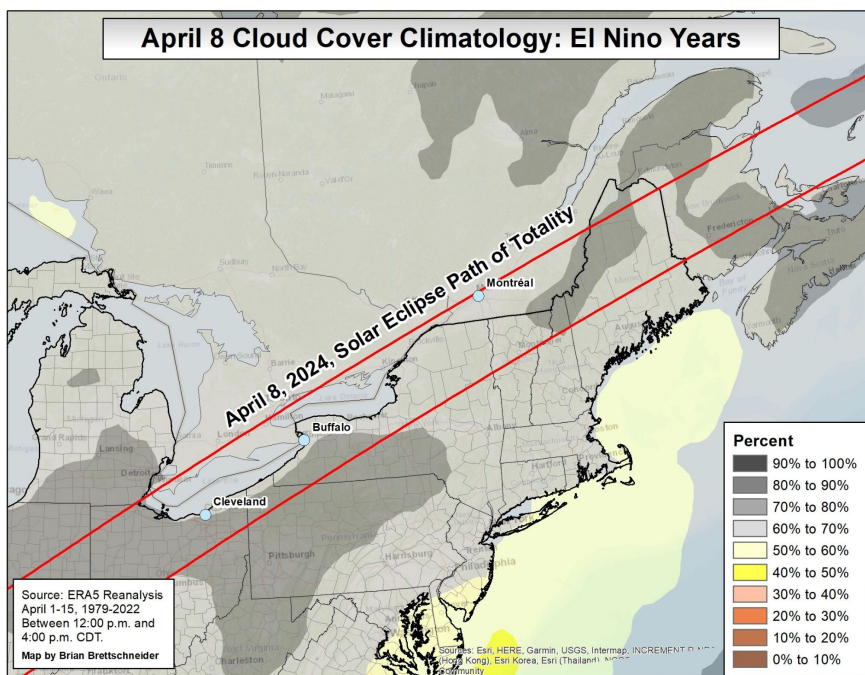
- This April 8th, a total solar eclipse will cross North America, passing over Mexico, the United States, and Canada.
- Portions of New Hampshire will be in “totality” meaning the moon will completely block the visible surface of the sun.
- Totality will last for 2.5 to 3.5 minutes around 3:28-3:35 PM.
- Visit our eclipse web page for [NWS Gray](#) to view more climatology.

Historically, what are my chances of seeing the eclipse?

The map to the right shows the percent of historical cloud cover for April 8th while under the influence of an El Nino between 1 PM and 5 PM.

What effects might the eclipse have on the weather?

Research has shown that temperatures can drop between 4-10 degrees Fahrenheit during the eclipse. In addition, some reduction in wind speed and low level clouds are possible.



New Hampshire Climate Information for April 8th

Location	Normal High	Record High	Coldest High	Normal Low	% of years with precipitation	% of years with snowfall
Concord	51	92	32	31	35%	9%
Whitefield	48	73	31	27	50%	NA
Berlin	46	71	31	25	38%	NA
Jaffrey	51	74	30	31	41%	25%
Lebanon	49	75	33	29	38%	8%
Manchester	55	78	35	36	37%	7%
1st Connecticut Lake	42	72	9	22	50%	28%
North Conway	50	83	20	29	43%	11%