

# Solar Eclipse April 8, 2024



## OVERVIEW:

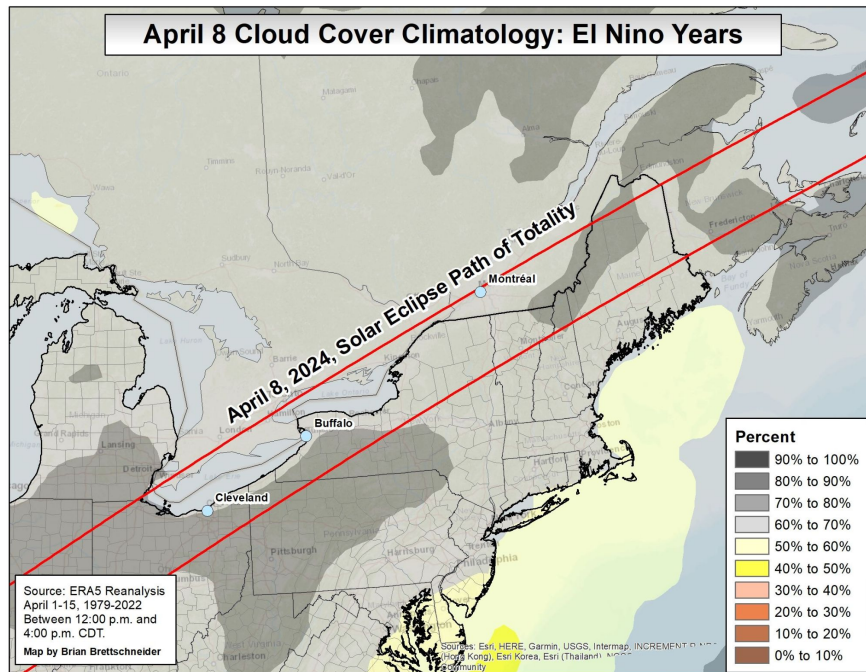
- This April 8th, a total solar eclipse will cross North America, passing over Mexico, the United States, and Canada.
- Portions of Maine and New Hampshire will be in “totality” meaning the moon will completely block the visible surface of the sun.
- Totality will last for 2.5 to 3.5 minutes around 3:28-3:35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



## Maine Climate Information for April 8th

Location	Normal High	Record High	Coldest High	Normal Low	% of years with precipitation	% of years with snowfall
Rangeley	42.8	72	11	20.7	44%	21%
Jackman	43.3	60	15	22.7	38%	10%
Moosehead	43.9	59	31	22.8	36%	15%
Greenville	42.8	64	30	25.4	34%	17%
Millinocket	45.5	65	30	28.2	39%	7%
Houlton	43.7	70	27	25.2	47%	21%
Caribou	41.5	64	23	25.4	45%	28%
Bangor	48.2	74	26	30.1	38%	11%
Augusta	47.9	66	32	32	33%	9%
Portland	48	71	32	32.4	40%	14%