

List of Stations in Path of Totality, 2024 Eclipse

Using my pattern mapping program Radio Data MW which has extensive area search capability, I've compiled a list of all U.S. and Canadian stations that fall within the 2024 Solar Eclipse path of ~100% totality. There are 456 stations. Results are drawn from the March 20 FCC LMS database and Industry Canada database.

If you would like this list, download from this link.

<https://www.mediafire.com/file/125ih5yrmw4puib/2024-eclipse-stations-by-longitude.zip/file>

Across the U.S. and Canada, from its entry at Texas to its exit through NE Canada and into the Atlantic Ocean, the totality path width varies from a maximum of 199 km at U.S. entry to about 160 km at the Atlantic exit off Newfoundland, or 123 to 99 miles.

456 stations are found in this eclipse path. I purposely set the path width to 210 km from start to finish. This gives a few km slop on both sides of the 100% totality path for good measure.

Unzip the downloaded .ZIP file, where you will find 3 files. The stations in each file are sorted by longitude, from west to east. This gives us the progression of the eclipse path, with the eclipse starting at the first station in the list and ending with the last station.

File #1 is a simple text file.

File #2 is in .CSV format. You can easily input it to an Excel file.

File #3 is in .HTML format. It includes links to each station's Google Map latitude-longitude coordinates for the satellite view of the transmitter tower array. Another link takes you to the FCC AM Query link for that station.

I hope these files are beneficial. There should be many propagation path possibilities outside of this list as well.

Posted by [RADIO-TIMETRAVELLER](#) at [11:05 AM](#)