

October 14, 2023 Partial Annular Solar Eclipse

- Public Observing Opportunity on the UNC-Asheville Campus

On **October 14, 2023** much of North America will experience a partial solar eclipse, as the New Moon, passing between the Earth and the Sun, will also cross the Earth-Sun ecliptic plane.

The Physics & Astronomy Department at UNC-Asheville, along with the Astronomy Club of Asheville, will host a public viewing of this partial eclipse on the university campus.

Telescopes, equipped with safe solar filters, will be set up on campus in **parking lot P08** for the entire eclipse event, that will run for approximately 3 hours -- from about 11:45 a.m. through 2:45 p.m. local time (EDT). Find parking lot P08 on the north (top) end of [this campus map](#).



Maximum eclipse in the Asheville area (45% covered) will occur around 1:13 p.m. EDT.

You must use proper solar eye protection for observing all phases of a partial eclipse like this one.

Approximate timings for this 2 hour, 56 minute solar eclipse in the Asheville, NC region:

First contact	11:47 a.m. EDT	Eclipse begins
Maximum eclipse	1:13 p.m. EDT	44.9% obscuration
Last contact	2:43 p.m. EDT	Eclipse ends