

# ECLIPSE

This sundial commemorates the *total solar eclipse* that occurred here on August 21, 2017, starting with a partial eclipse at 10:51:05 solar time (11:53:43 AM CDT), reaching a peak of totality at 12:20:04 solar time (1:22:41 PM CDT), and ending with a partial eclipse at 13:46:23 solar time (2:49:01 PM CDT).

Shadow-paths traced by the *tip* of the triangular-shaped gnomon follow four datelines on the sundial. On December 21 each year, the shadow of the tip follows along the line labeled *Southern Solstice* (or winter solstice). On June 21 and September 23, it follows the *Equinox* line. On June 21, the shadow of the tip follows the *Northern Solstice* (or summer solstice) line. Each year, the shadow-path of the tip brings to our memory the total eclipse by moving along the *Eclipse* line on August 21. As the tip traverses the *Eclipse* dateline, it encounters markers at the times of the onset, the peak of totality, and the end of the eclipse event that occurred here.

