

Birthday Sunrises on the Horizon

Great Kiva,
Chaco Canyon, NM

Summer Solstice
~June 21

Spring Equinox ~March 21
Fall Equinox ~September 21

Winter Solstice
~December 21



Northeast
Start of Sun's path
across the sky

East

Southeast

Where on the horizon does the Sun rise on your birthday?



Imagine standing at the STAR looking eastward across the round kiva. The larger photo shows the horizon you see.

- ★ Position of sunrise on the PUNCH mission's launch day (11 March 2025)
- ★ Position of sunrise on the day of PUNCH "first light" (3 June 2025)



tinyurl.com/PUNCHOutreachBirthdaySunrises