

# 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](https://tinyurl.com/PUNCHOutreachBirthdaySunrises)