

# SUN ANGLE CHART 38° Latitude

(c) Univ. of Oregon SRML  
 Sponsor: NPPC  
 Lat: 38; Long: -120  
 (Solar) time zone: -8  
 San Francisco

How to find the Solar Elevation (Altitude) Angle and Azimuth for any day and time of the year?  
 Example: April 20th 10 AM  
 1. find the 10 AM curve  
 2. find the April 20th curve  
 3. Where these two curves intersect, go to the y-axis to determine Solar Elevation, and to the x-axis to find the Azimuth Angle.  
 [Note: Azimuth Angle starts at North in the East direction]  
 ANS: Solar Elevation ~52°  
 Azimuth ~ 128°

