

1	Sun's position using			
2	https://www.sunearthtools.com/dp/tools/pos_sun.php#top			
3		z2	z2	z2
4	time	10/29/21	10/30/21	10/31/21
5	12:40:00 PM	52.35	52.68	53
6	12:50:00 PM	52.31	52.63	52.96
7	01:00:00 PM	52.36	52.69	53.01
8				
9	for Sacramento, CA			
10	location	38.58deg	-129.49deg	
11				
12				