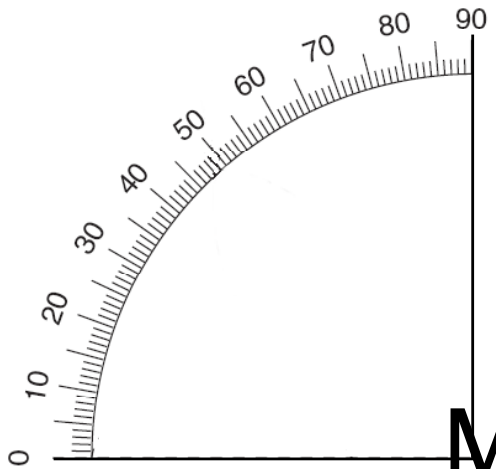


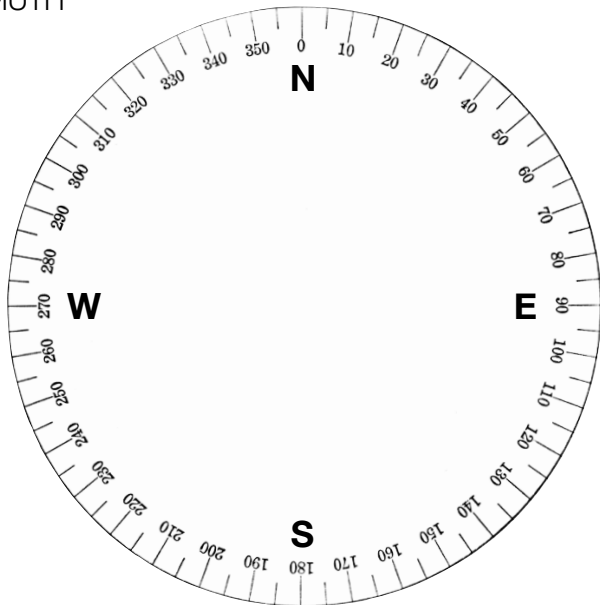
NEW YORK, NY (41°N LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

NOON SUN ALTITUDE



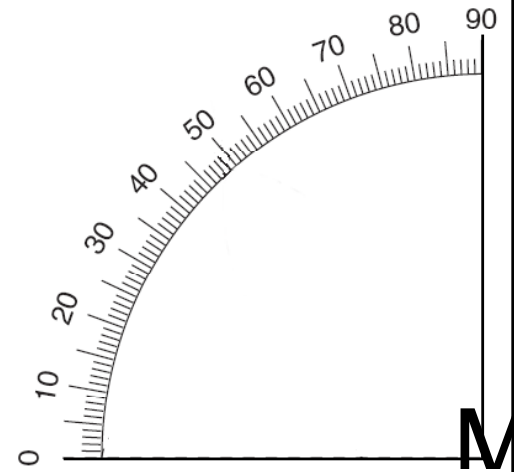
SUNRISE/SUNSET AZIMUTH



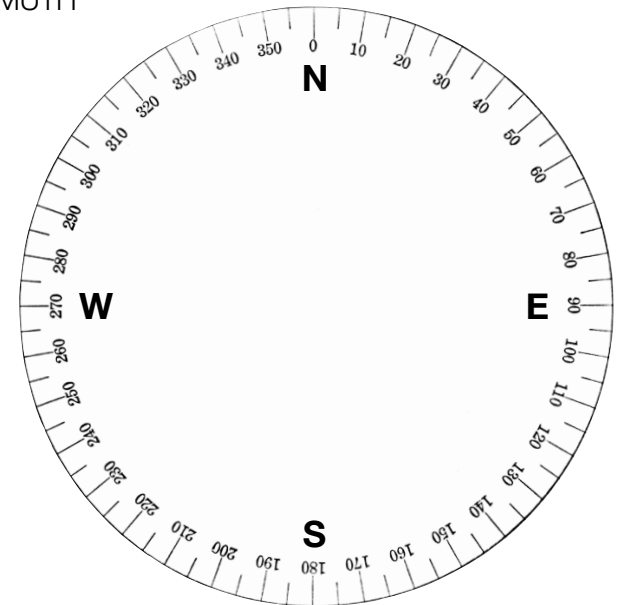
EQUATOR (0° LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

NOON SUN ALTITUDE



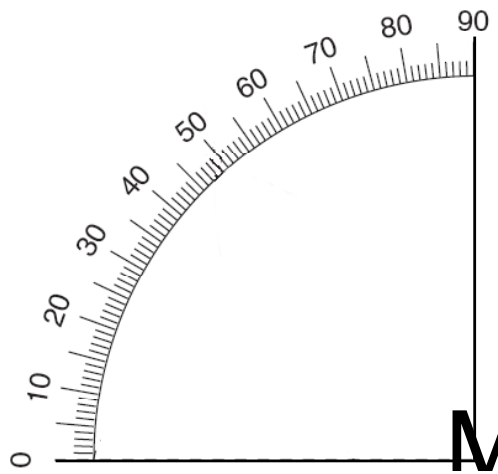
SUNRISE/SUNSET AZIMUTH



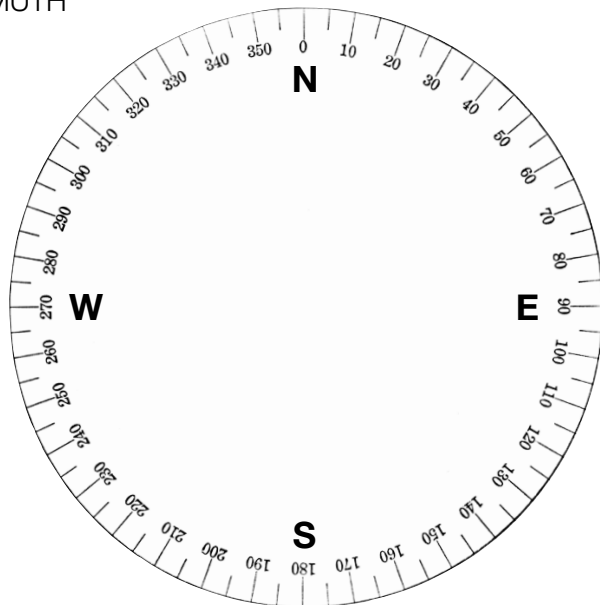
TROPIC OF CANCER (23.5°N LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

NOON SUN ALTITUDE



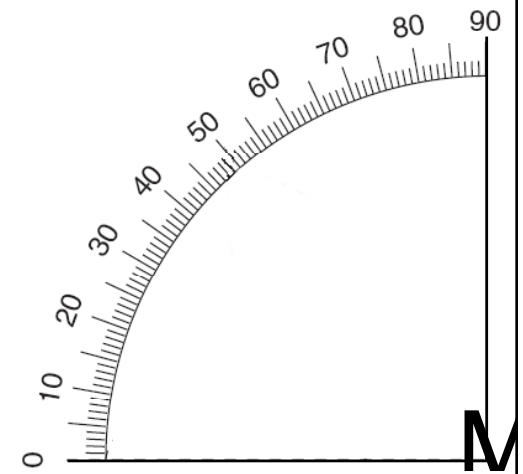
SUNRISE/SUNSET AZIMUTH



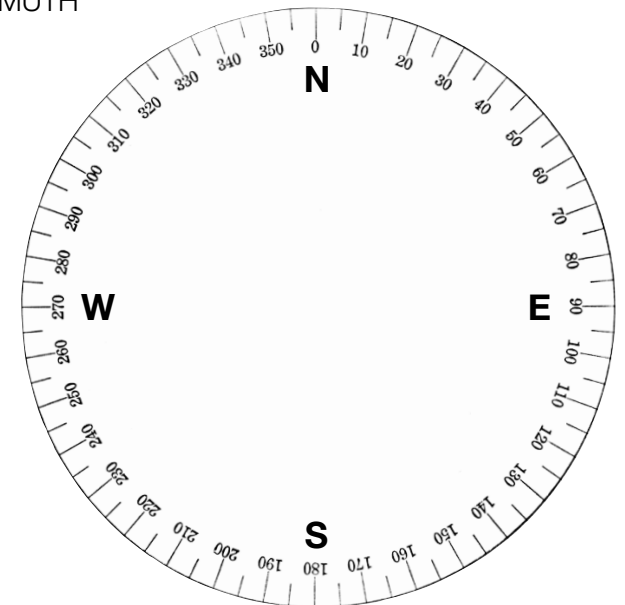
TROPIC OF CAPRICORN (23.5°S LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

NOON SUN ALTITUDE



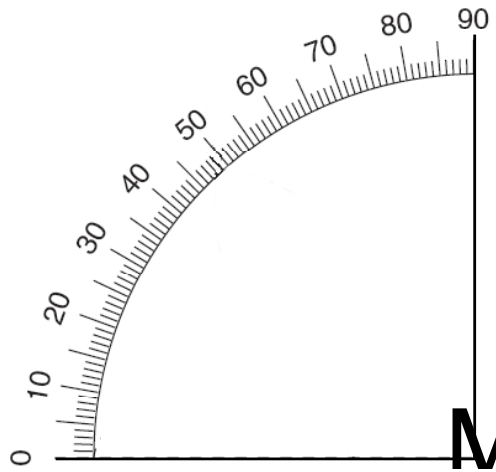
SUNRISE/SUNSET AZIMUTH



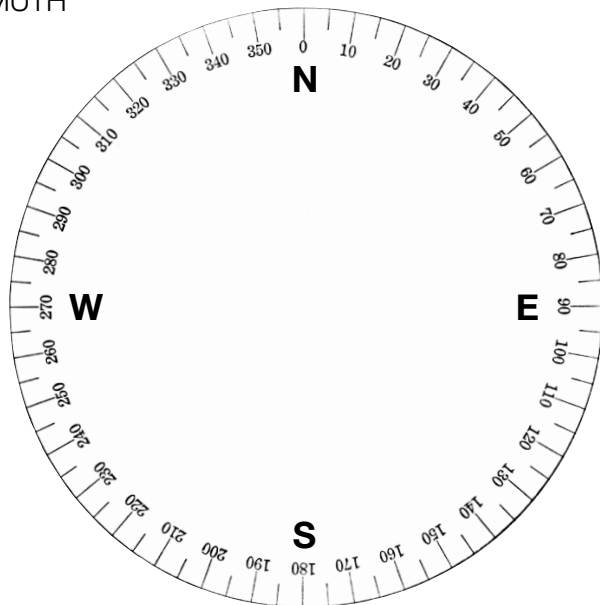
SANTA'S VILLAGE (90°N LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

NOON SUN ALTITUDE



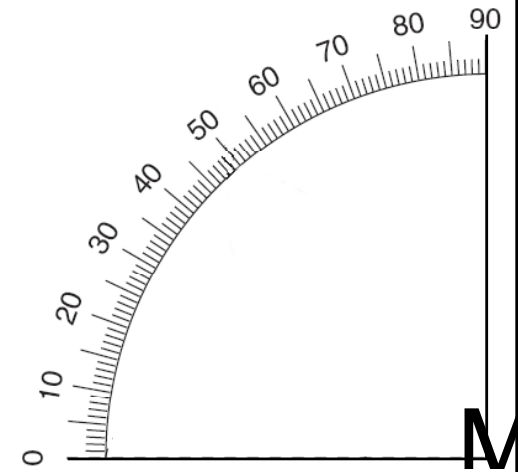
SUNRISE/SUNSET AZIMUTH



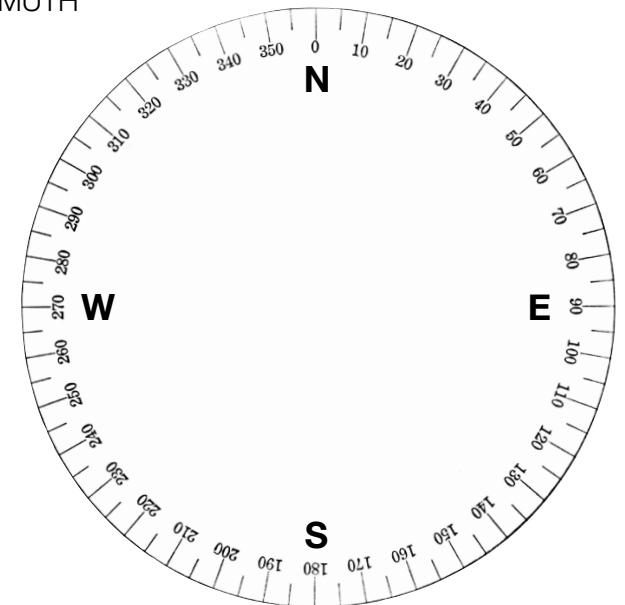
SOUTH POLE (90°S LATITUDE)

DATE	SUNRISE	SUNSET	DAY (HRS)	NIGHT (HRS)
12/21				
3/21				
6/21				
9/23				

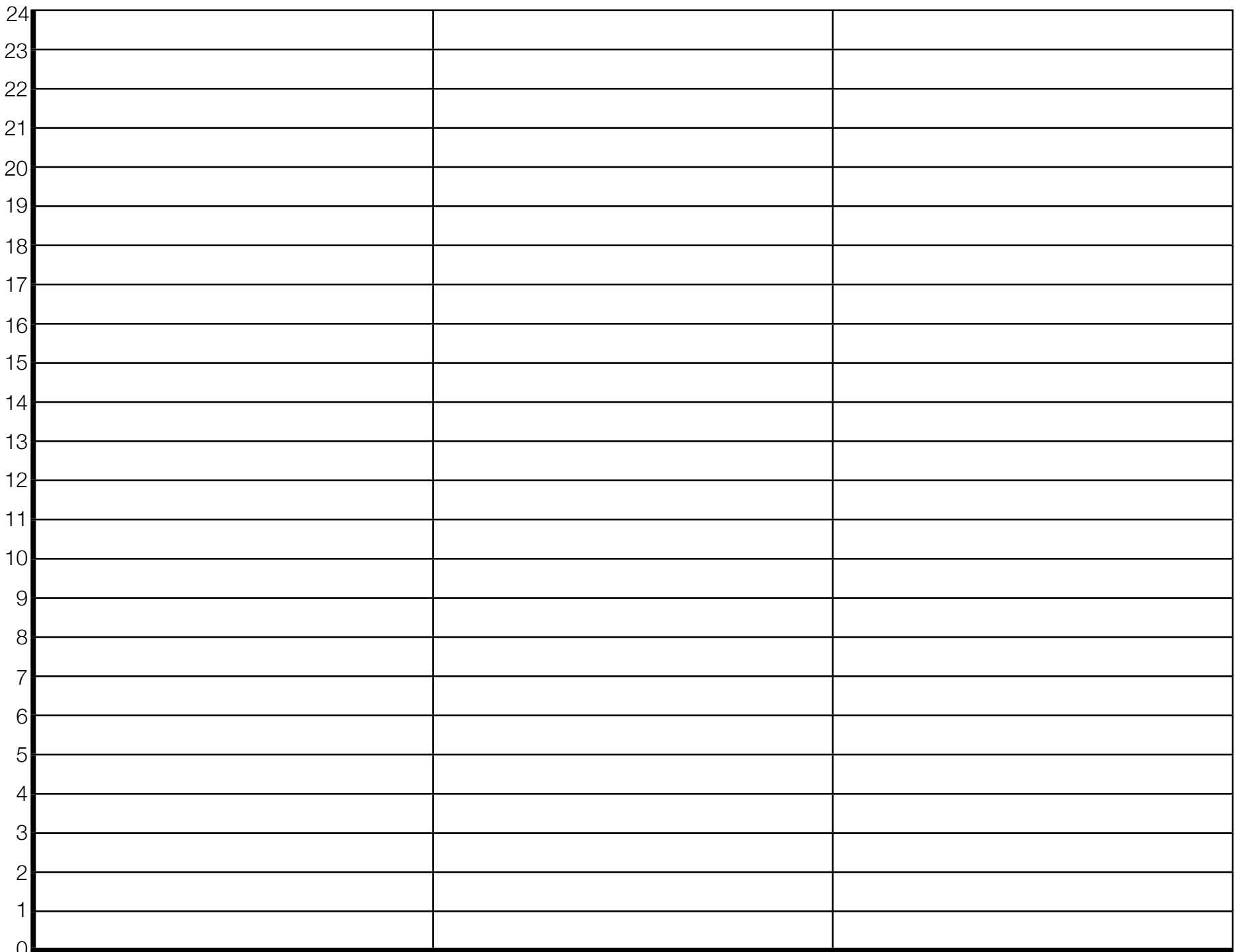
NOON SUN ALTITUDE



SUNRISE/SUNSET AZIMUTH



HOURS OF DAYLIGHT



12/21

3/21

6/21

9/23

DATE