

Appendix 1

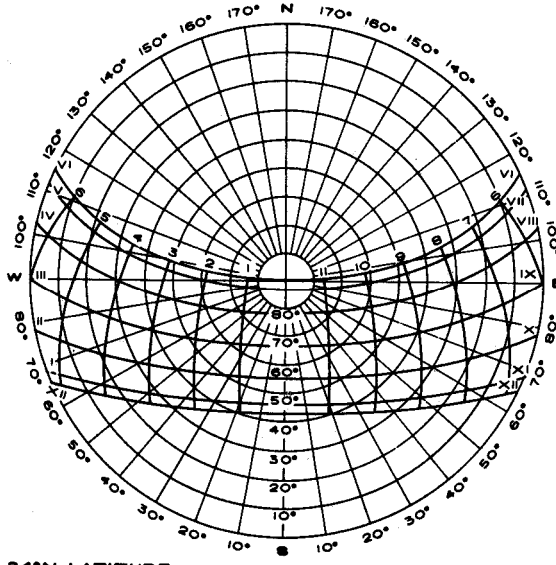
Sun Path Diagrams*

Sun path diagrams are representations on a flat surface of the sun's path across the sky. They are used to easily and quickly determine the location of the sun at any time of the day and at any time of the year. Each latitude has its own sun path diagrams.

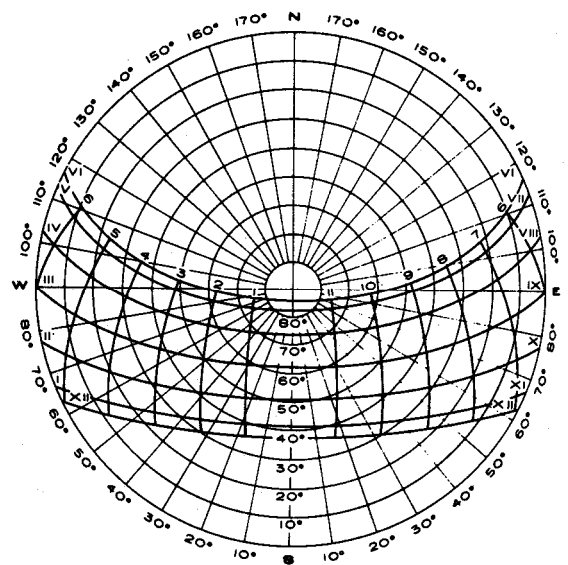
The horizon is represented as the outer circle, with you in its center. The concentric circles represent the angle of the sun above the horizon, that is, its height in the sky. The radial lines represent its angle relative to due south.

The paths of the sun on the 21st day of each month are the elliptical curves. Roman numerals label the curves for the appropriate months. For example, curve III (March) is the same as curve IX (September). The vertical curves represent the time of day. Morning is on the right (east) side of the diagrams and afternoon on the left (west).

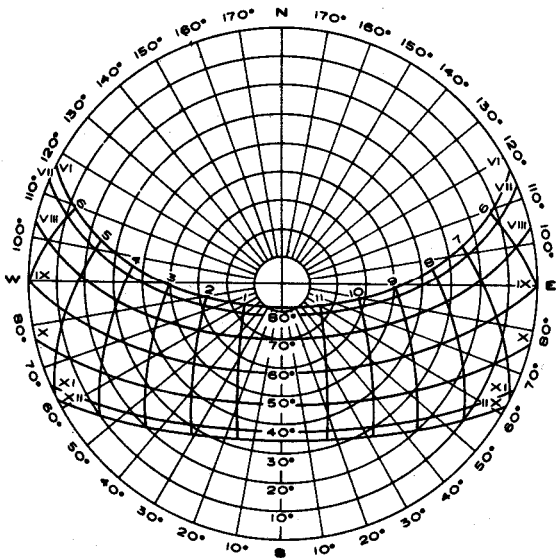
Courtesy *Architectural Graphic Standards* by C.G. Ramsey and H.R. Sleeper, John Wiley & Sons, New York, N.Y. 1972.



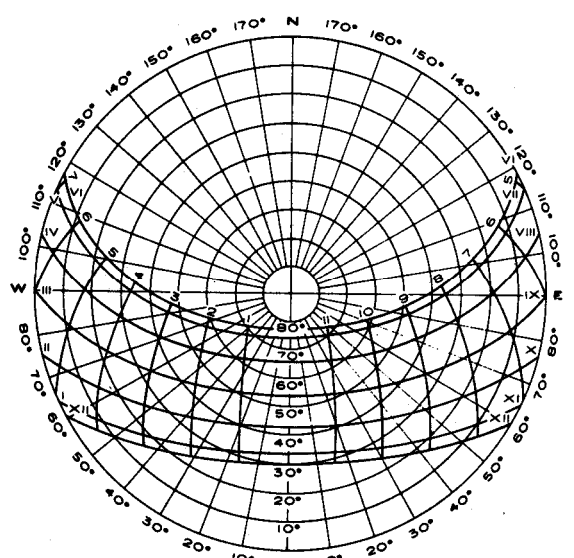
24°N LATITUDE



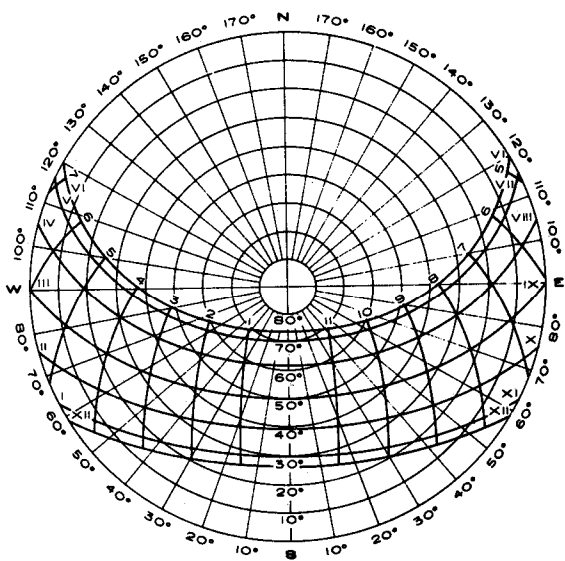
28°N LATITUDE



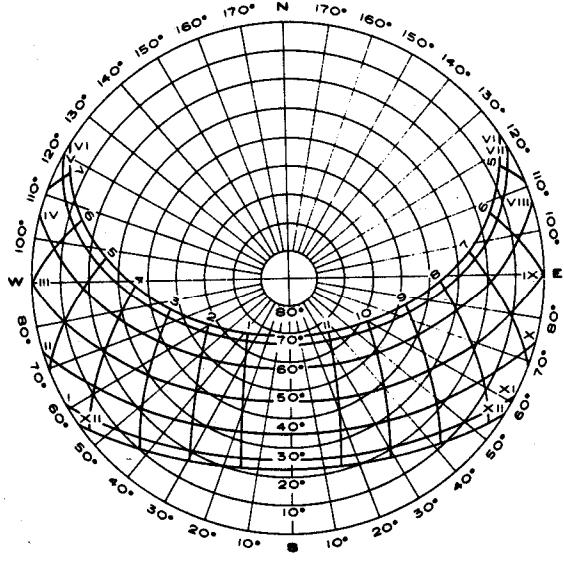
32°N LATITUDE



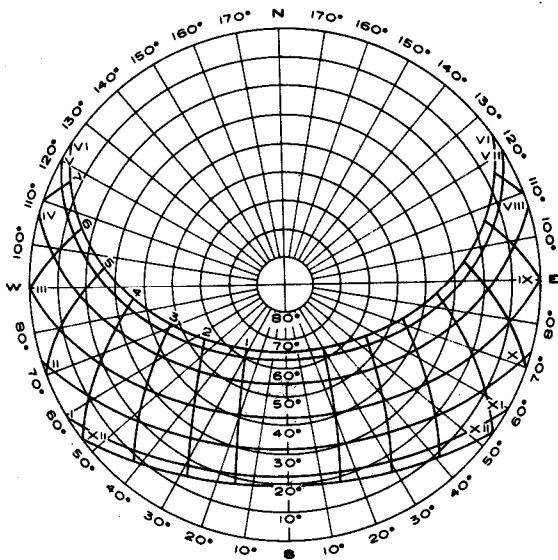
36°N LATITUDE



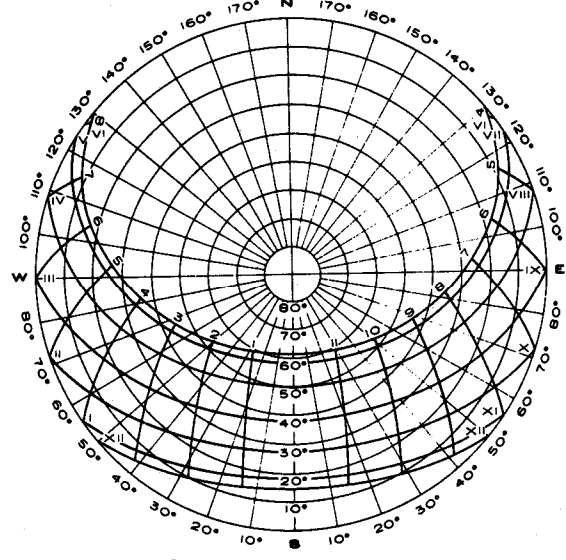
40°N LATITUDE



44°N LATITUDE



48°N LATITUDE



52°N LATITUDE

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