

## APPENDIX B: MOON AND PLANET CALENDARS

The Moon and Planet Calendars are easy to use.

- Place the Sun on your Horizon Globe on the day of interest and turn the Sun to noon.
- Check the date to find the Moon phase.
- Hold the calendar over the North Pole and place each planet according to its clock position. Use the Zodiac, Guideposts, Solstice and Equinox lines to confirm positioning.

The Moon and Planet Calendars provide a snapshot of where the planets are on the 21st day of each month. We chose the 21st to align with the Solstices and Equinoxes. Of course the planets don't jump from month to month, they move continuously. For greater accuracy, use the adjacent months to interpolate planet positions.

### Year

Start by finding the year of interest

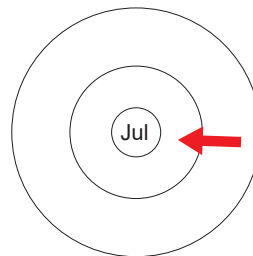
1969



Year is listed at the top of the page

### Month

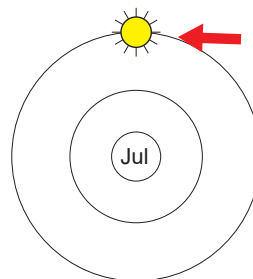
Next, find the month of interest



Month is in the center of the circles

### Day & Hour

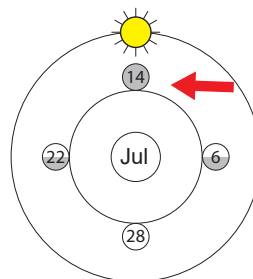
Place the Sun on your Horizon Globe on the day of interest. Turn it to noon.



The Sun is always shown at noon on the ecliptic ring. You are looking down at the Ecliptic Ring from the North Pole.

### Moon Phase

Find the phase of the Moon for the day of interest. Interpolate to find the dates of Crescent and Gibbous Moons. (see page 60).

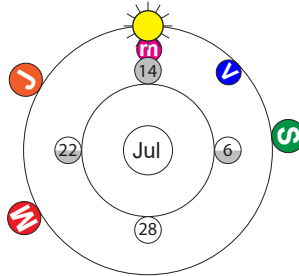


Moon phases. New Moon near the Sun, Full Moon opposite. Numbers indicate the date of each phase.

## Planets

Planets are shown as colored circles with letters inside. As you look down from the North Pole, place each planet in its clock position from the noon Sun.

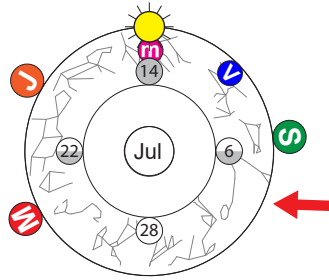
- J** Jupiter
- M** Mars
- S** Saturn
- m** Mercury
- V** Venus



If a planet seems to be missing, it may be covered up, or *occulted*, by another planet. Check adjacent months to confirm.

## Zodiac

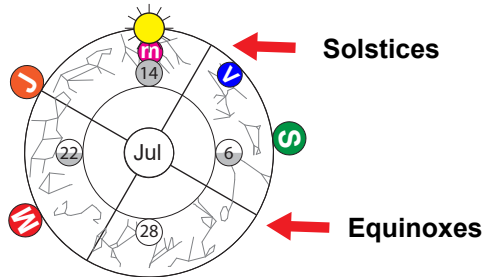
Notice that the Zodiac constellations are shown for reference. You don't need a chart to know where these are, they are the same every year.



Zodiac constellations in order.

## Solstice and Equinox

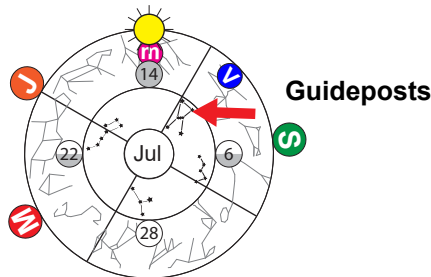
The straight lines mark the Solstices and Equinoxes. They are not labeled, but you can tell which is which by the month and the Zodiac.



Solstice and Equinox lines rotate from month to month along with the Zodiac.

## Guidepost Constellations

Guidepost Constellations are included for reference. Only the clock position of these is correct, they are north or south of the ecliptic.



Remember the Guidepost story:  
The Dipper stalks Orion.  
Cygnus flies to the Dipper.  
The Queen chases Cygnus.  
Orion pursues Cassiopeia.