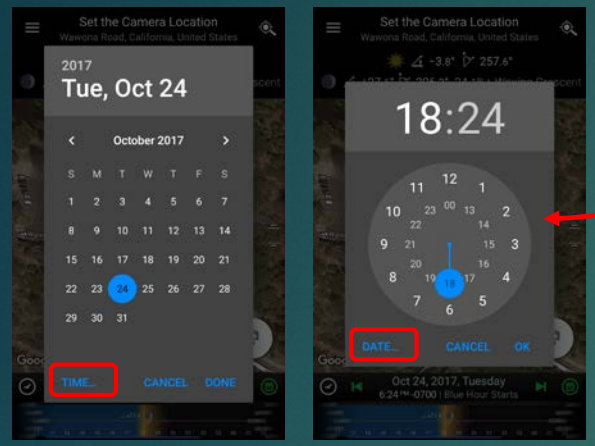
3

PlanIt ! for Photographers

ALL-IN-ONE PLANNING APP FOR LANDSCAPE PHOTOGRAPHERS

QUICK USER GUIDES

Date/Time Bar



Date/Time Picker

5 Long press to show the date/time picker

Timezone Offset

It could have three colors: White means the timezone is accurate because we got the data from network. Yellow means the timezone is most likely correct but could be wrong near border area so use it with cautious. If your phone doesn't have network, it will remain in yellow. Red is very rare but if you ever see it, it means the timezone is just a guess based on the longtitude.
There is a "Show timezone" setting in the Settings. If you can turn it off, it will only show the timezone offset when the timezone is different from your phone's timezone.

6

The whole area is just one clickable area

7

Current Event

"Blue hour starts" event is happening. Any events within 5 mins will be shown here so it could show multiple events.

1

Tap to set to Current Time

Green icon means it is at the current time
Long press to lock the time

2 Previous Event

4 Swipe right or left to go to Next or Previous Event

8 Next Event

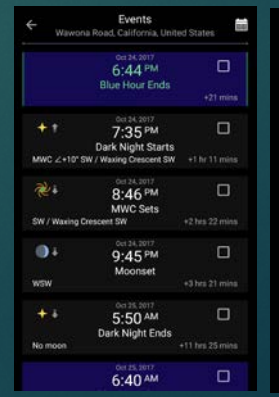
9

Tap to open Event Page

Long press for Calendar Page

3 Swipe up to show the Date/Time slider. Tap also works. When visible, swipe down or tap to hide.

Date/Time Slider



Event Page

Calendar Page

Five Modes for Date/Time Slider

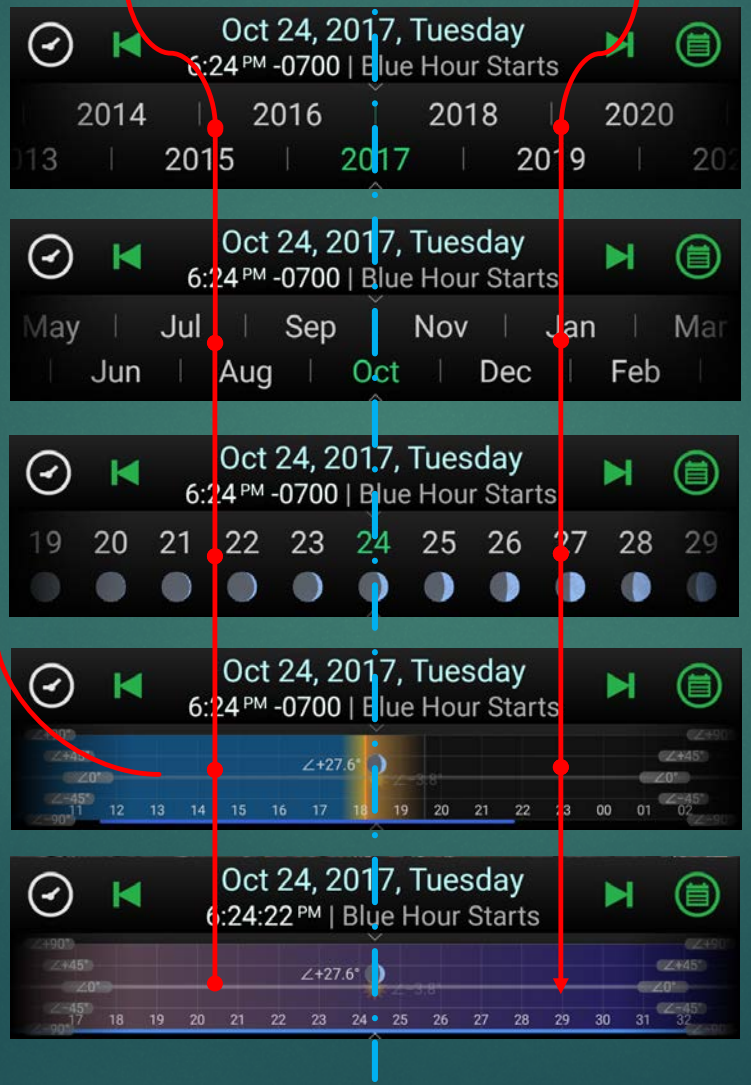
PlanIt! for Photographers

2 Tap on the left side to go up the scale

3 Tap on the right side to go down the scale

1 Drag left and right to change the date or time

When dragging, the sun/moon/star/milky way center curves will show up. It hides automatically when stop dragging.



Year Mode

Month Mode

Day Mode

Show the Moon Phases

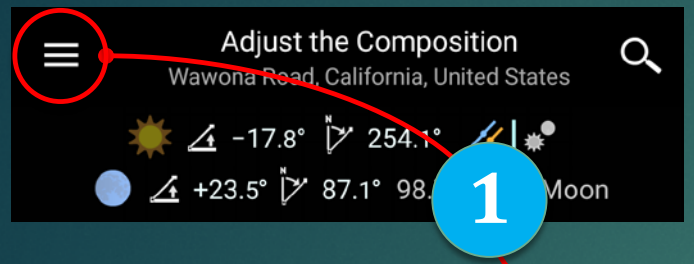
Hour Mode

Show the day/night colors and elevation angles of the celestial objects

Minute Mode

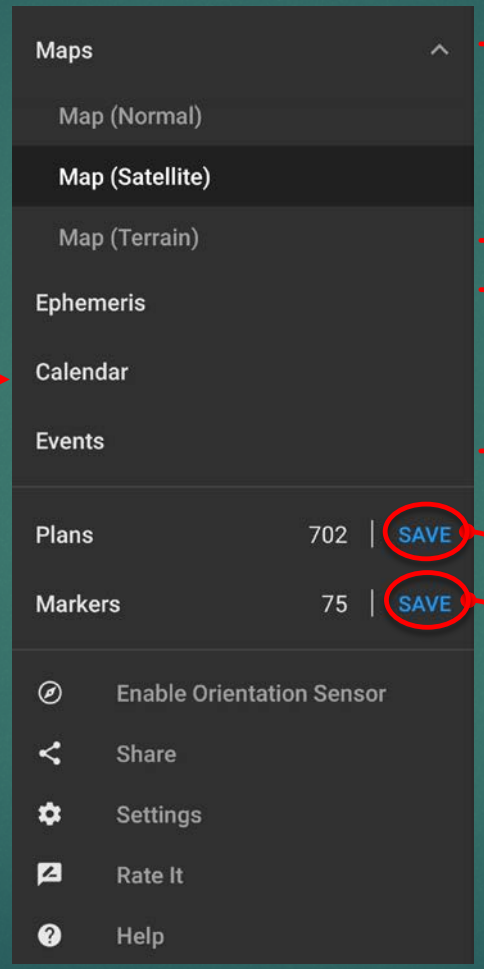
Show the day/night colors and elevation angles of the celestial objects. The only mode shows seconds in the time value

Drawer Menu



Tap the Drawer Button to show the Drawer Menu. Or swipe from the left edge of the screen also can show the Drawer Menu. You can use the second way when the Drawer Button becomes the Go Back Button in the Viewfinder Modes.

Drawer Menu



Change the map type

Also can be accessed from the map type button on the top left of the map

Access Ephemeris, Event and Calendar

These three can be accessed without using Drawer

Save the current plan as a plan file

Save as the visible markers as a marker file

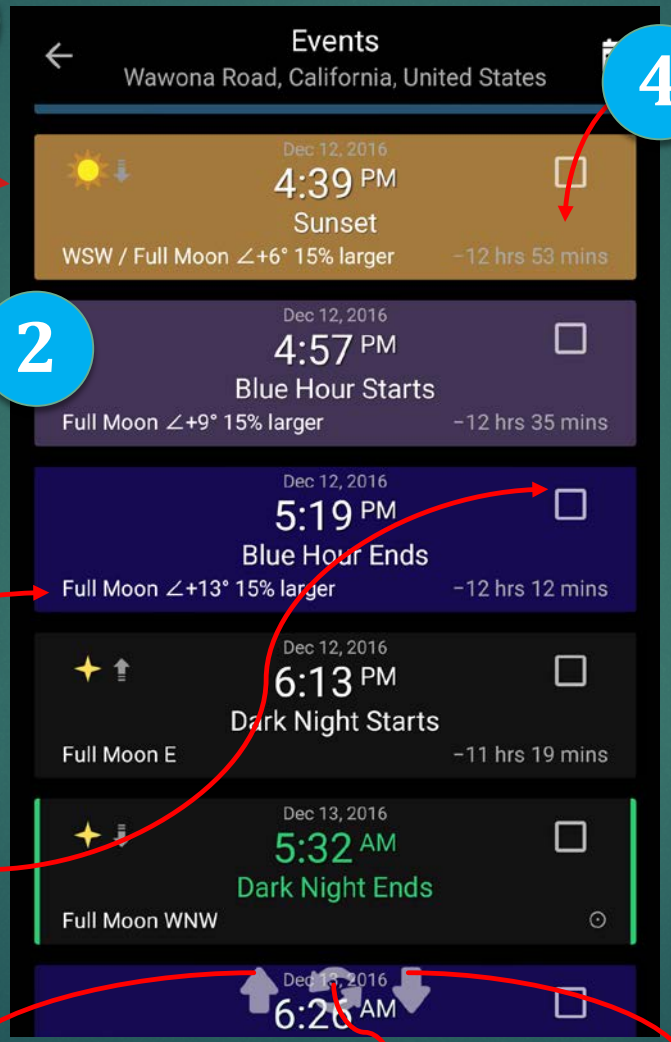
Events

Tap the event button to open the Events

1

We also show the time difference between the current time and the event time. Note the current time is not your system time but the current time displayed on the Date/Time Bar

4

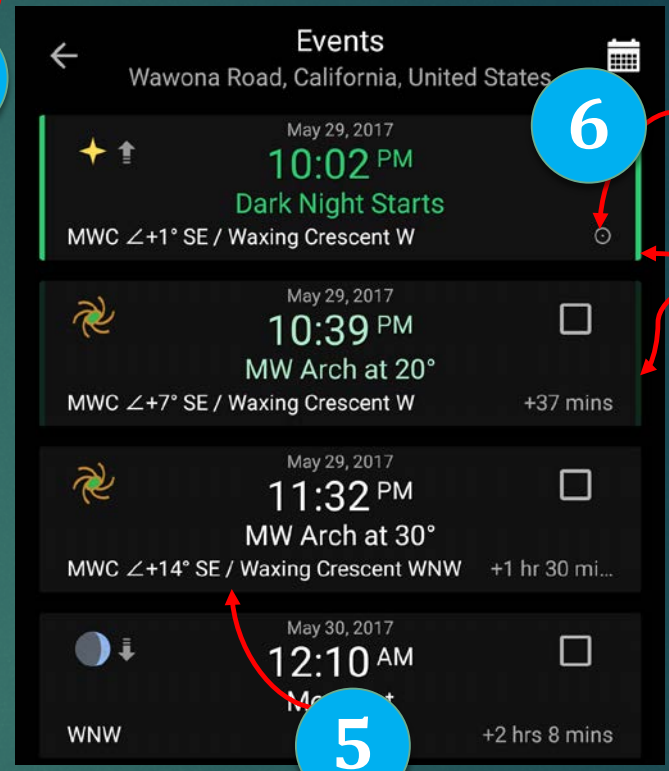


2

Event cards' background are colored based on the time of the day, same colors as the hour slider

3

For any Sun related events, the moon information will be shown if it is full moon



6

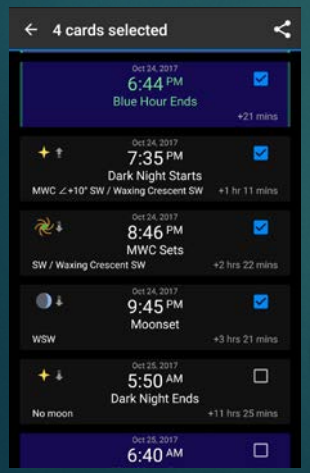
This symbol is the indicator for the current time

7

The green border also means the it is at the current time. All events within one hour of the current time will have some kind of green. The greener, the closer to the current time.

5

The moon information will be shown for all the moons for any milky way events because any moon could have a big impact on MW shots



Tap on the check box to select the card and then you can share the events as text to your friends or share to other apps or just copy to clipboard

9

8

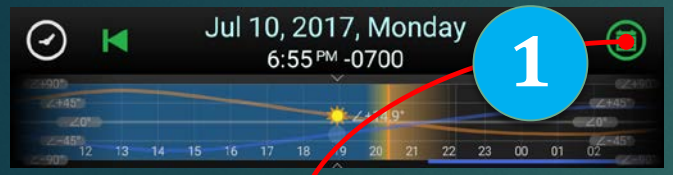
Previous day

Go back to the current time

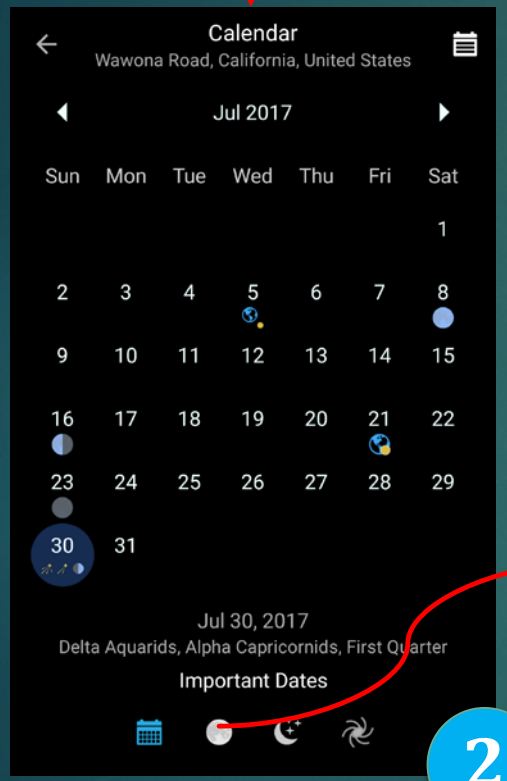
Next day

These three buttons will only be shown when scrolling

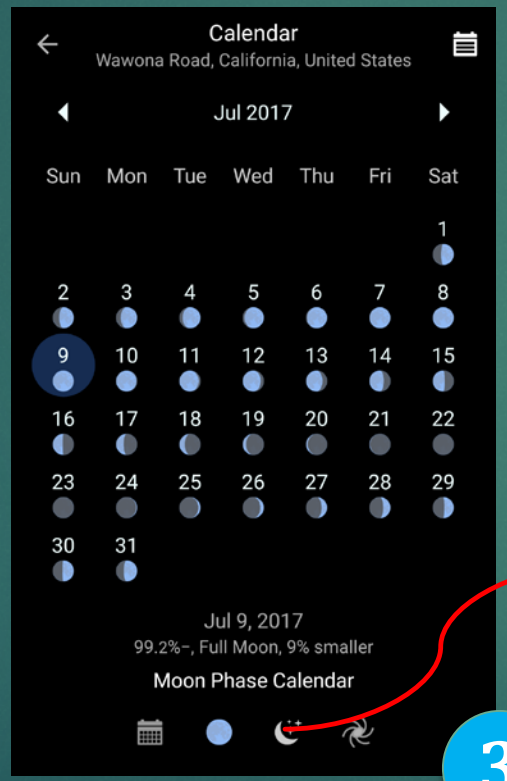
Calendar



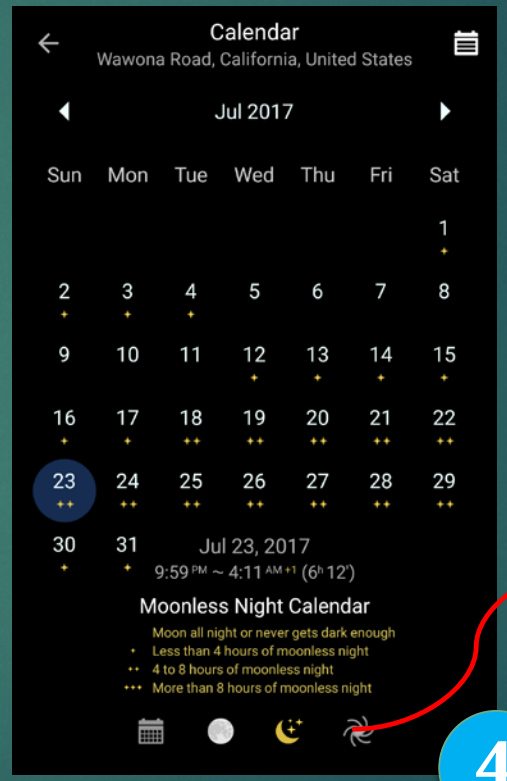
Long press on the event button to open the Calendar



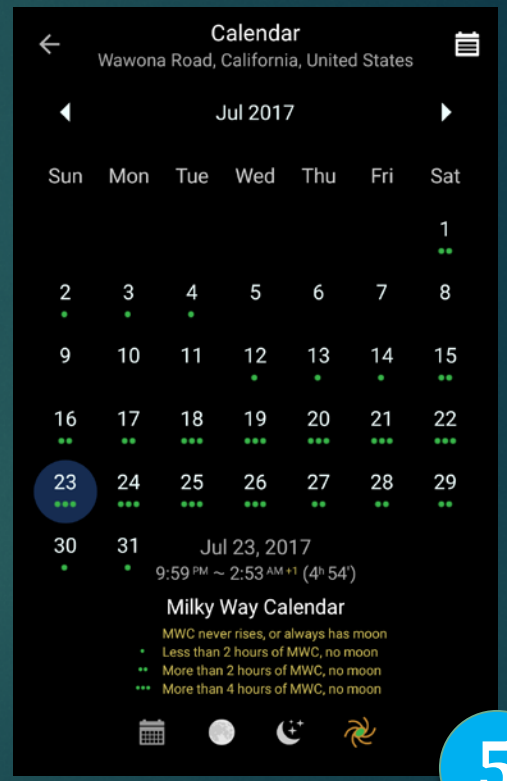
Important dates include
- new, full, and quarter moons
- meteor shower peak date
- perigee, apogee
- solstice, equinox



Useful for moon photography or just information about the moon phases



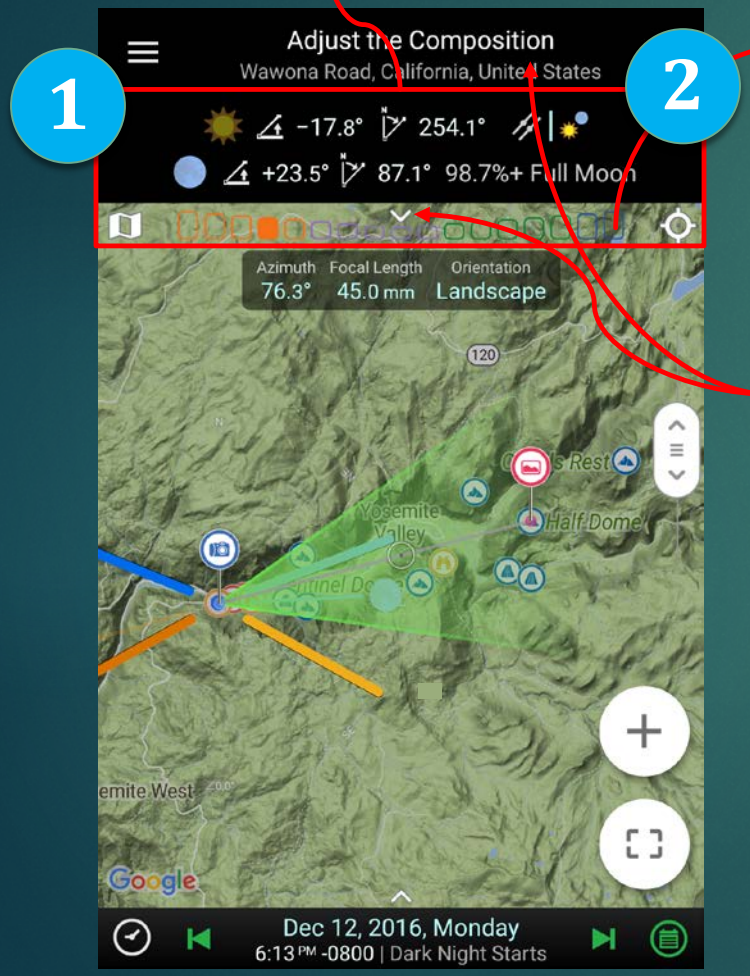
Useful for deep sky photography, star-trail, or night photography in general. Looks for nights with 2 to 3 star rating



Useful for milky way photography. Look for nights with 2 to 3 green dot rating

Ephemeris Pager and Page Indicator

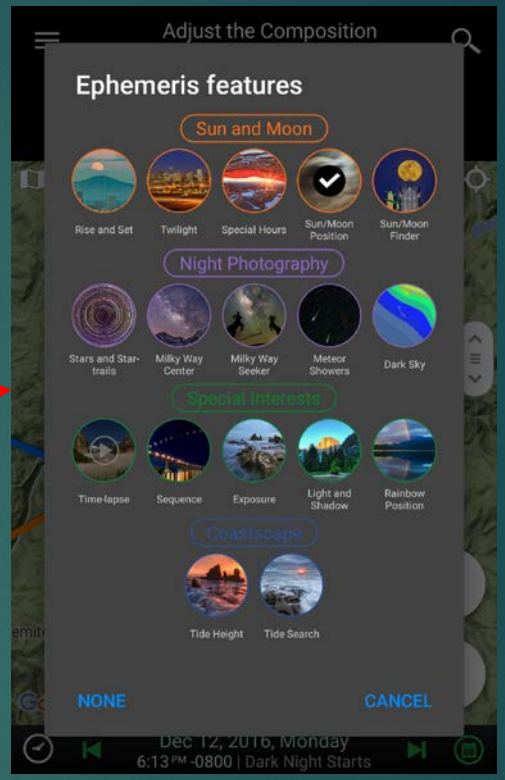
There are 17 pages. Swipe left and right to go to next or previous page. But, that's too slow.



Noted the color rounded rectangles below the pager. There are 17 of them to match the 17 pages. Tap on one will go to that page directly. Since the area is small, you might miss it. If so, just swipe once to get to the correct page which is still faster than swiping many times.

Confused about which one is which?

Swipe down from the title bar or the indicator to show this ephemeris chooser.



Remember the colors.

4

Sun and Moon: orange
Night Photography: purple
Special interests: green
Coastscape: blue

After trying it for a few times, you will get used to tap the color indicator to go to a page directly.

5

Here is how I remember all the pages

Q: Which page is the Sun/Moon Finder?

A: The fifth one in the green group

Q: How about Milky Way Seeker?

A: The third one in the purple group

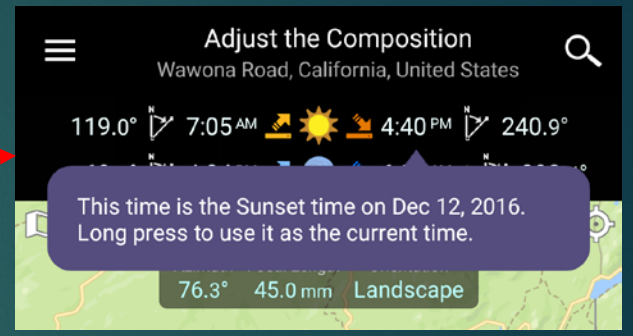
…

Text Colors

The text colors used on Ephemeris Pager have meaning

+27.6° 206.3°

White color: means the value cannot be edited directly. It is most likely a value that is calculated. Usually you can tap it to see a hint explaining what is the value for. Long press usually also does something.



8:13 PM

Green color: is usually a value for time. It means this time is within five minutes of the current time.

24.1%+ Waxing Crescent

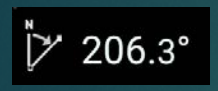
Grey color: means the value is read-only. It is also calculated from other values as the white color but the difference is if tapping on it, no hint will be shown.

Sunrise

Light blue color: means the value is editable. It is usually an input value for a calculation. Tapping it to edit the value.

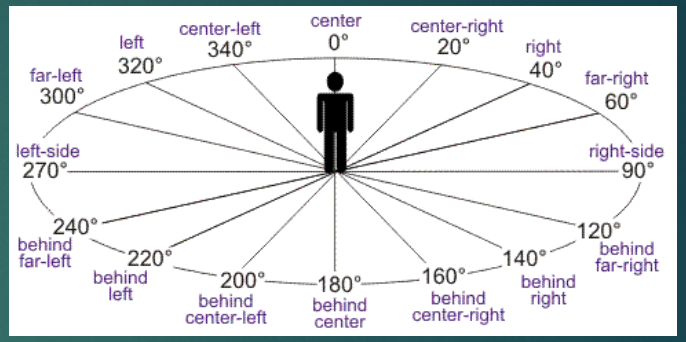
On Ephemeris pager, you can always **long press** on a time or a date value to set the current time or date to it.

Icons for Degrees



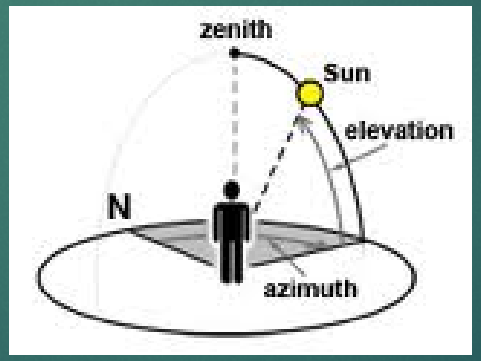
Azimuth

- The direction of a celestial object from the observer, expressed as the angular distance from the north or south point of the horizon to the point at which a vertical circle passing through the object intersects the horizon.
- The horizontal angle or direction of a compass bearing.



Elevation Angle

The elevation angle (used interchangeably with altitude angle) is the angular height of the sun in the sky measured from the horizontal. In English, both altitude and elevation can be used to describe the height above sea level or the elevation angle. To tell the difference, pay attention to this elevation angle icon. For elevation angle, we also always put a + or – before the value and a degree symbol after the value.



On Ephemeris pager, you can always **long press** on the value with these two icons to set the camera azimuth or the elevation angle to the value.

Icons for Ephemeris

Sun

It is usually the color one. Black-white one means the Sun is hidden from showing. You can tap on the Sun icon on the Rise/Set or the Position page to hide/show the Sun. Transparent one means it is below horizon.

Sunrise and Sunset

The first two are used on the pager. The next two is used in the viewfinder

Moons

Different colors are the same as the sun

Moonrise and Moonset

The first two are used on the pager. The next two is used in the viewfinder

Milky Way Center

Different colors are the same as the sun

Meteor Showers

Different colors are the same as the sun. The different icon variations are determined by the Zenithal hourly rate (ZHR) of the Meteor Showers.

Stars

Different colors are the same as the sun. The size is determined by the magnitude.