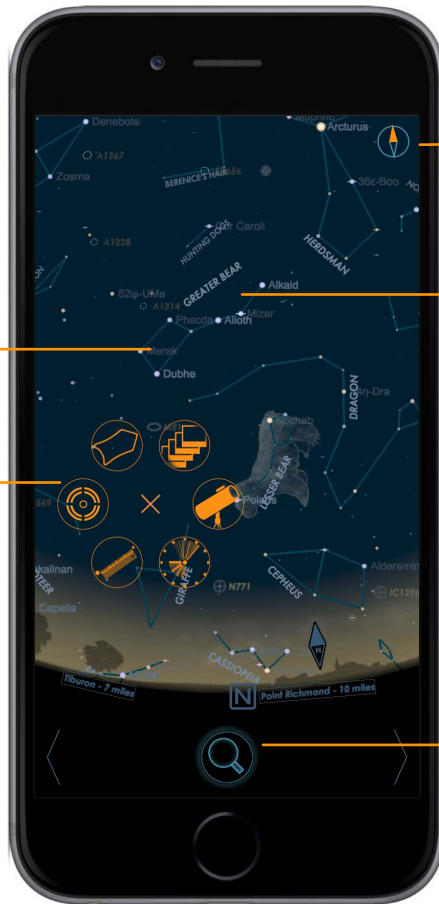


Starmap

Cheat Sheet



Pinch & Zoom

This adjust the map zooming.

Long touch in the map

This gives access to the map tools

Compass action.

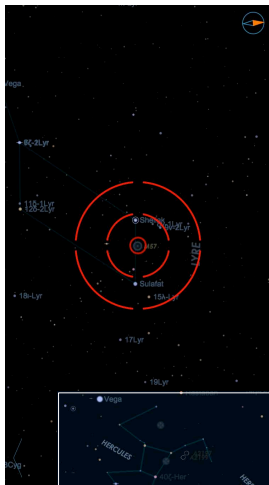
Fast toggle of the compass action while holding towards the device towards the sky.

Double tap on the map.

This resets the map zoom and stops each actions.

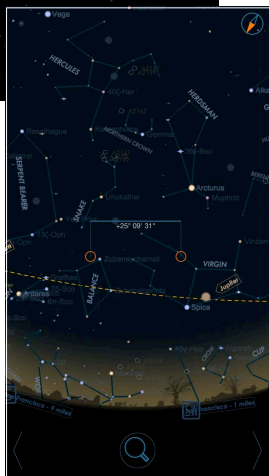
Menus sliders.

Swipe right or left for more menus.

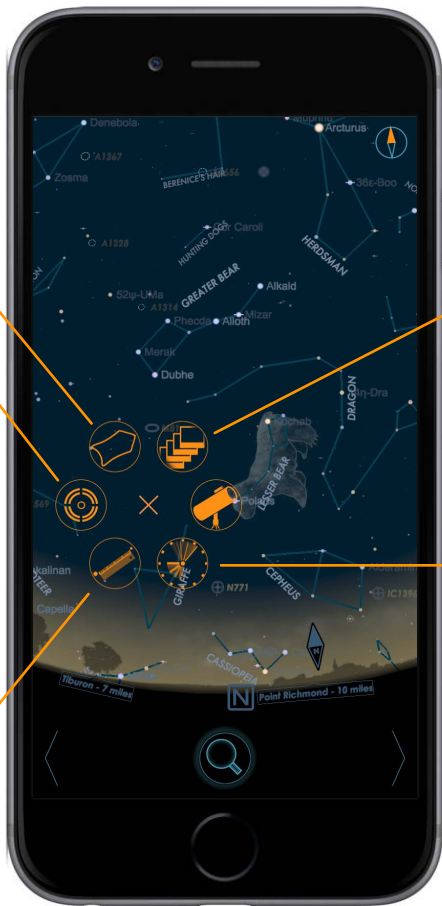


Find again
Repeats the last search

Telrad
As on your telescope

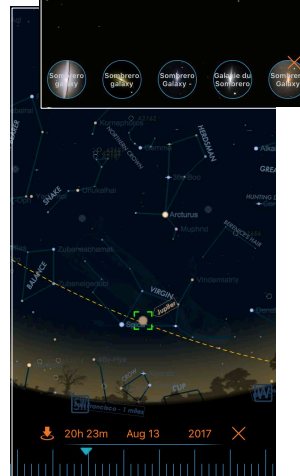
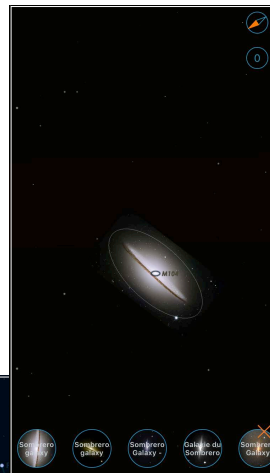


Ruler
Measure angular distances



Images
*Add user images.
Use StarmapShare for
adding your owns.*

Time slider
*Slide the ruler to
see the map
evolution in
time*

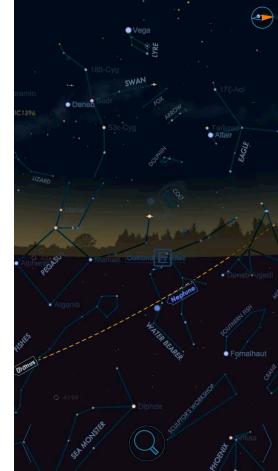
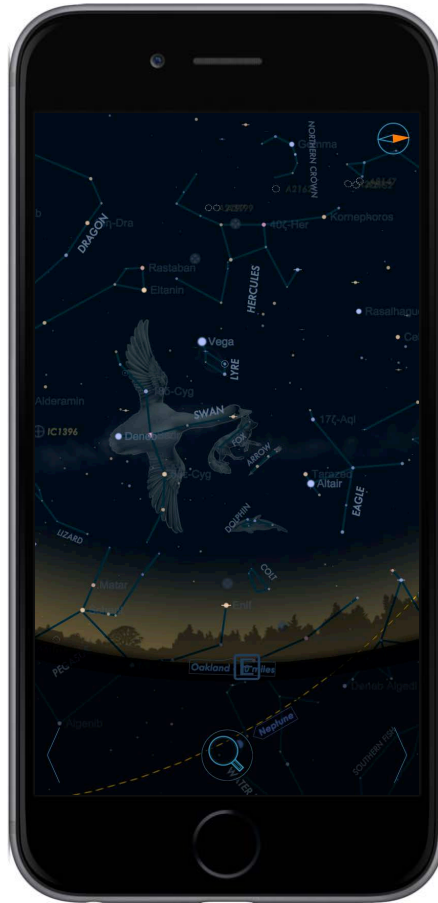


Sneak Peek under the horizon

When the horizon is activated in the settings, the object under the ground are not visible on the map. The map motions are limited. However, by forcing the horizon up, the user can access the invisible sky.



Forcing the horizon up
by insisting, the horizon fades and shows what's beneath.

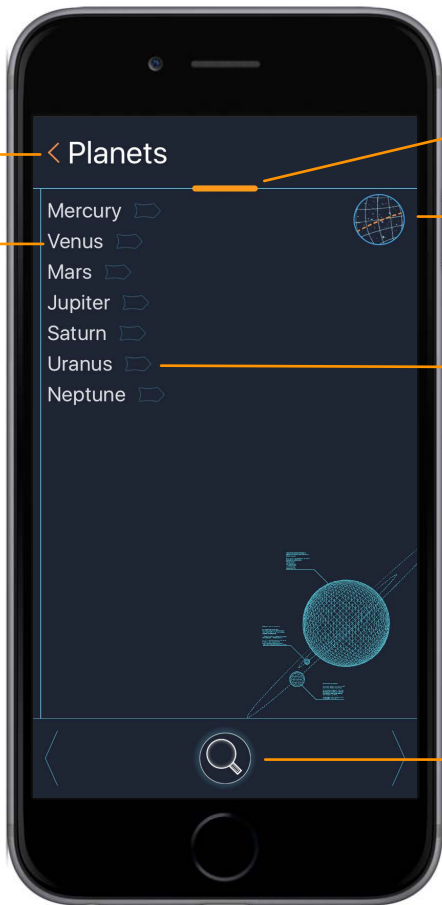


Horizon release

When really forcing, the horizon comes up and the hidden part of the sky becomes visible

Previous
Returns to the previous menu

Catalogue Items
Touch the name for object panel.

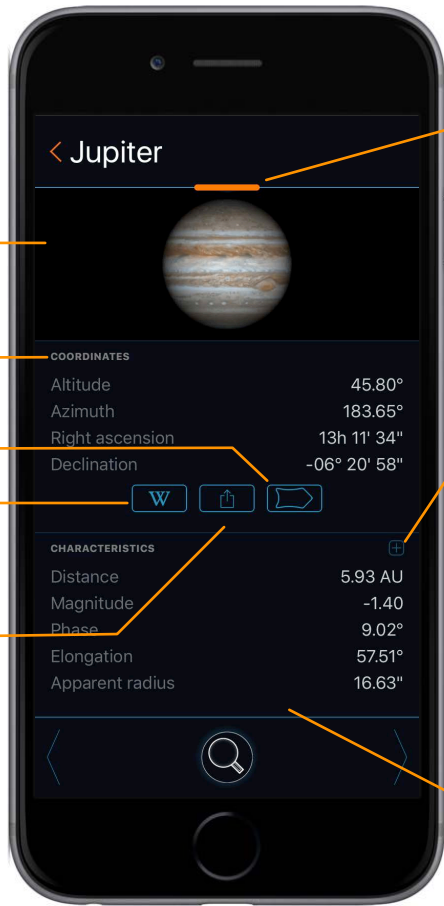


Menu close
Slide down to close menus.
Some menus have adjustable heights,
like settings.

Visibility
Filters objects visible right now

Object search
Touch the arrow to search for the
object on the map

Menu close (alternate)
Touch the active menu icon to close a menu.



Menu close

Slide down to close the menu.
Resize it to view the object short description.

Illustration

The main objects have illustrations.

Coordinates

Expand for more coordinates in many referentials.

Object search

Touch the arrow to search for the object on the map

Wikipedia link

This jumps to the right page in Safari

Share

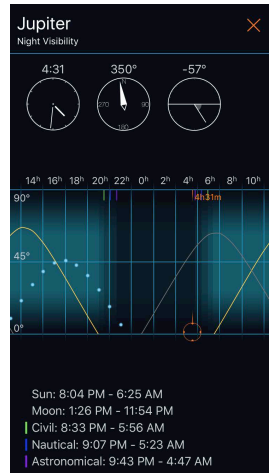
Sends the object to most social network Apps

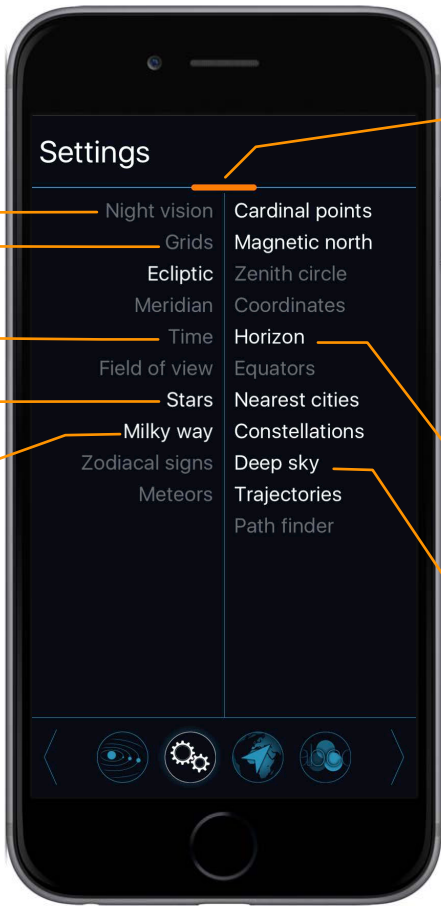
Expands

Many detailed views section can be expanded for more even more details.

Slide the detailed view

More information are available below, like the object visibility charts.





Settings

Turn all the App to red mode

Night vision

All sorts of graduations

Grids

Ecliptic

Meridian

Time

Displays the map date

Field of view

Many options for stars

Including label sizes and magnitudes

Stars

Milky way

Milkyway options

Dotted lines or plain milky way

Zodiacal signs

Meteors

Cardinal points

Magnetic north

Zenith circle

Coordinates

Horizon

Equators

Nearest cities

Constellations

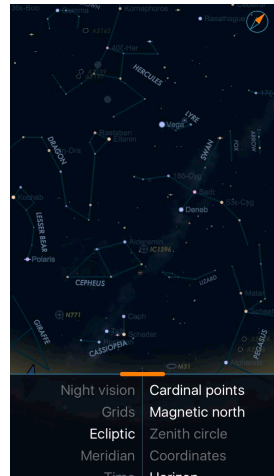
Deep sky

Trajectories

Path finder

Adjust the menu size

Let the map appear behind the menu and see how options makes it change.

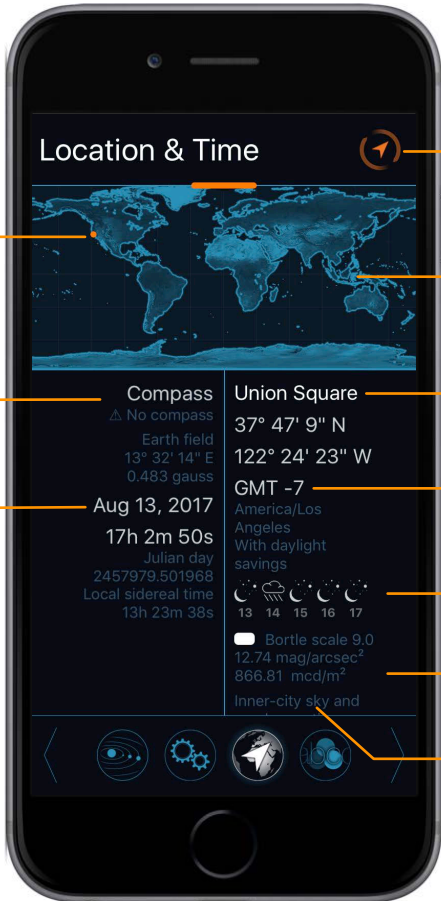


Horizon options

Select your favorite skyline or remove the horizon

Deep sky options

Select which deep sky object should be displayed and how.



Location & Time



Geolocation
Using GPS and Wifi to geolocate your device automatically

Present location



Interactive map
Select one of 5000 predefined locations

Toggle the compass
including compass status and Earth magnetic field parameters for the location

Compass
△ No compass
Earth field
13° 32' 14" E
0.483 gauss

Location name
Touch to enter your own location name

Union Square
37° 47' 9" N
122° 24' 23" W

Time & Date

Aug 13, 2017
17h 2m 50s
Julian day
2457979.501968
Local sidereal time
13h 23m 38s

Time zone
Set automatically for the location.
Touch to modify.

GMT -7
America/Los Angeles
With daylight savings

Weather forecast
Previsions for the next five night

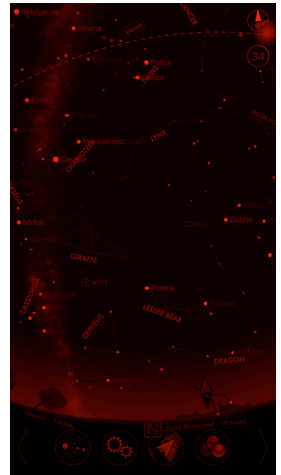
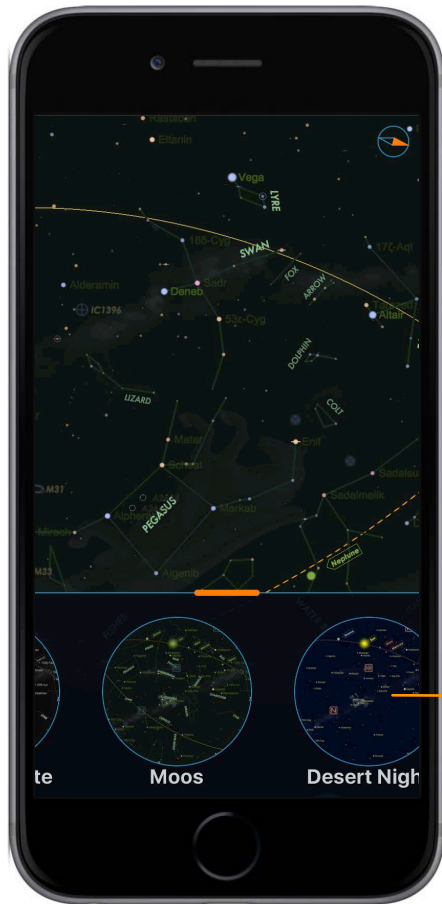


Light pollution
Quality of the sky for the location

Bortle scale 9,0
12.74 mag/arcsec²
866.81 mcd/m²
Inner-city sky and

Former used locations
Slide down this menu to access the list of previous locations, automatically stored.



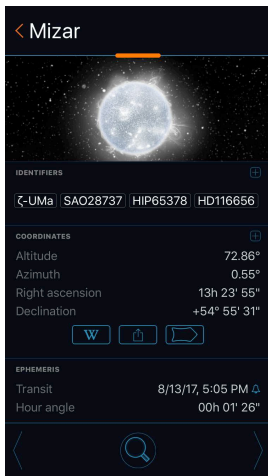


Map appearance presets

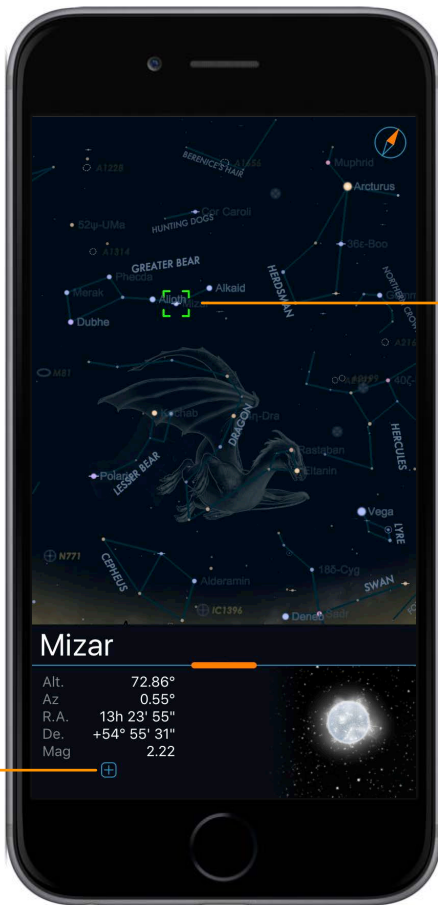
Select your best map display.

Warning, this will override your present settings.

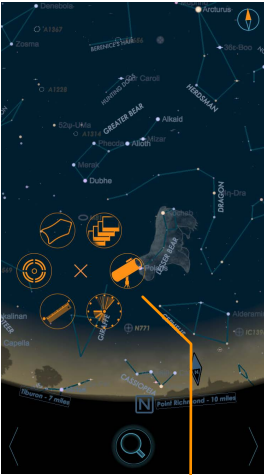
Night Vision – the red mode – is accessible from the settings.



Expand
 Use the blue plus button or swipe up the orange knob to reach the extended view for the selected object



Touch any item on the map
 This provides short informations on the touch map item.

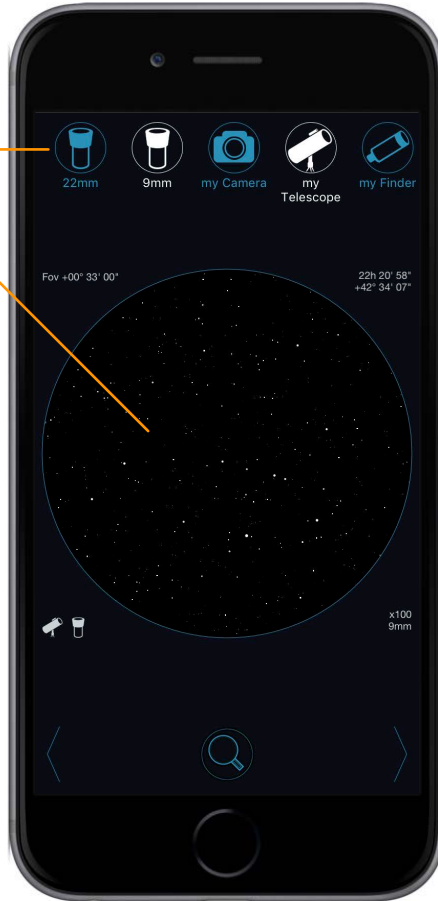


Eyepiece overlay

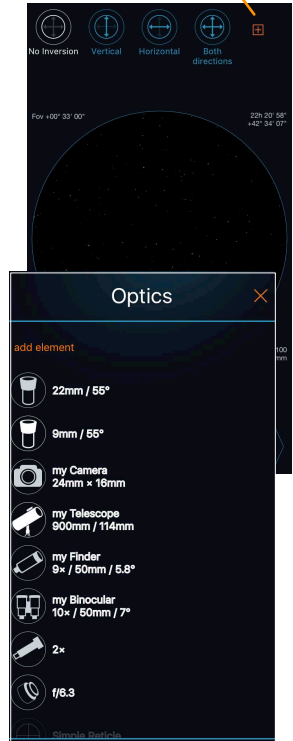
A long touch on the map displays the map tools.
Select the telescope for the eye view overlay.

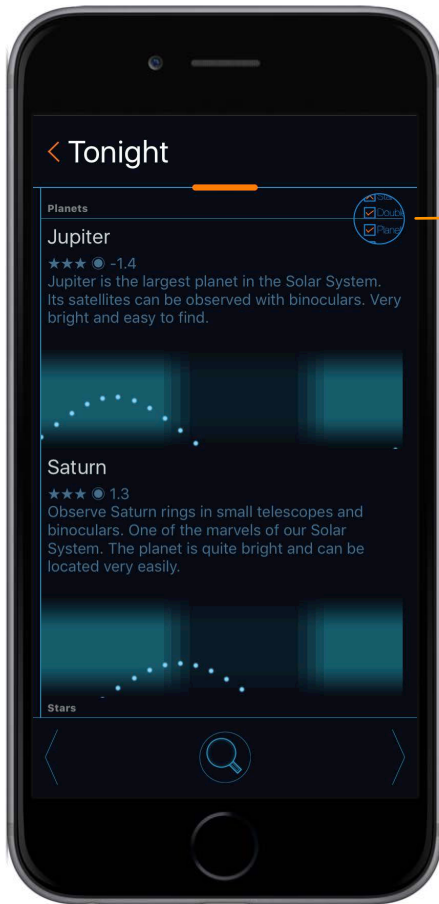
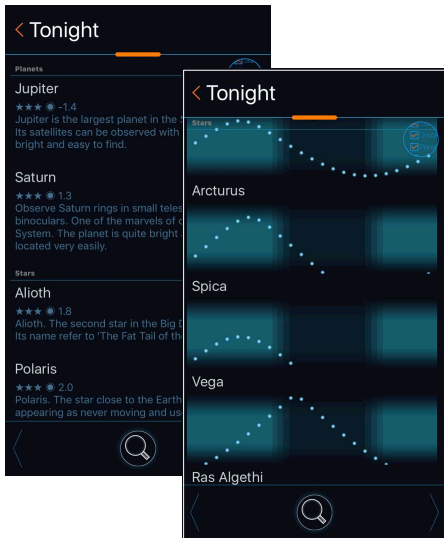
Optics slider
Select the eye piece, camera, reticle, etc..

Pinch & Zoom
this select the optics, ordered by magnifying factor



Optics settings
enter your own optics and telescope by touching
the plus button.

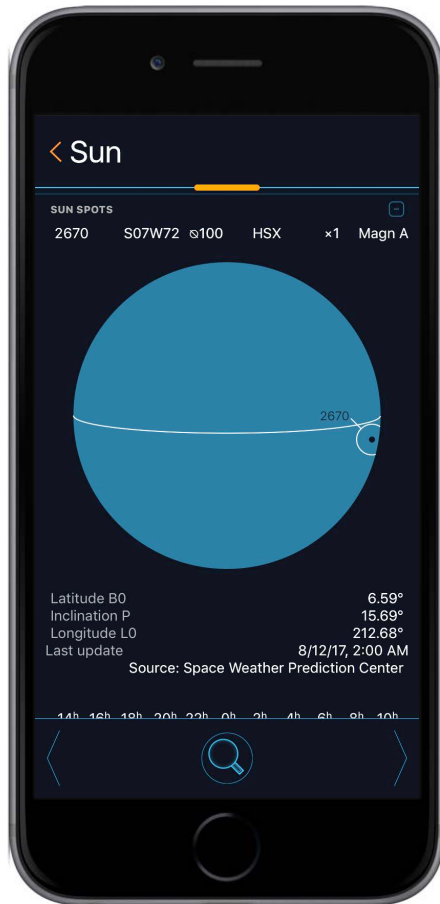
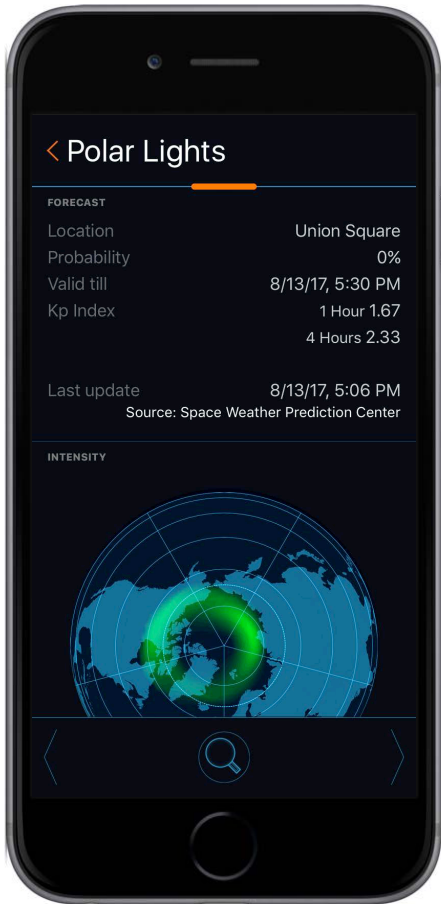




Filters

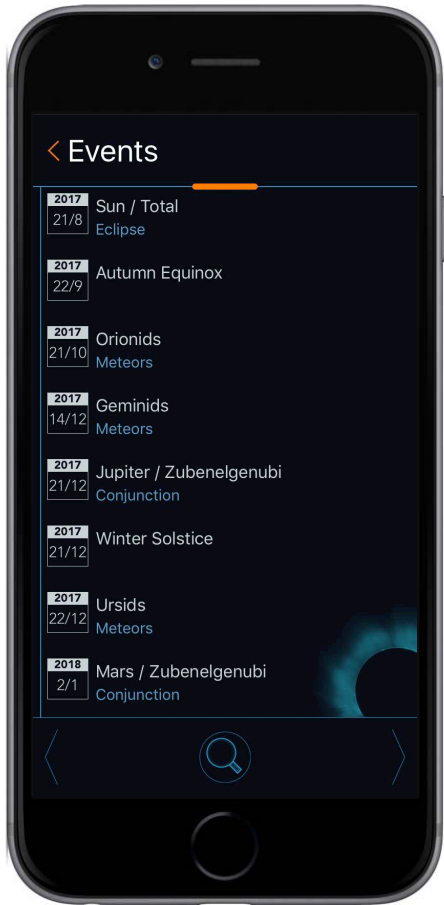
The tonight view has many settings, object kind, sorting, etc ... and a appearance. All objects come with descriptions.

Tonight	
Sorting	Stars
Rise time	Planets
Set time	Constellations
Magnitude	Galaxies
Best	Nebulae
Circumpolar	Planetary
Observation means	nebulae
Time of observation	Open clusters
Display mode	Globular clusters
	Meteors
	Double stars



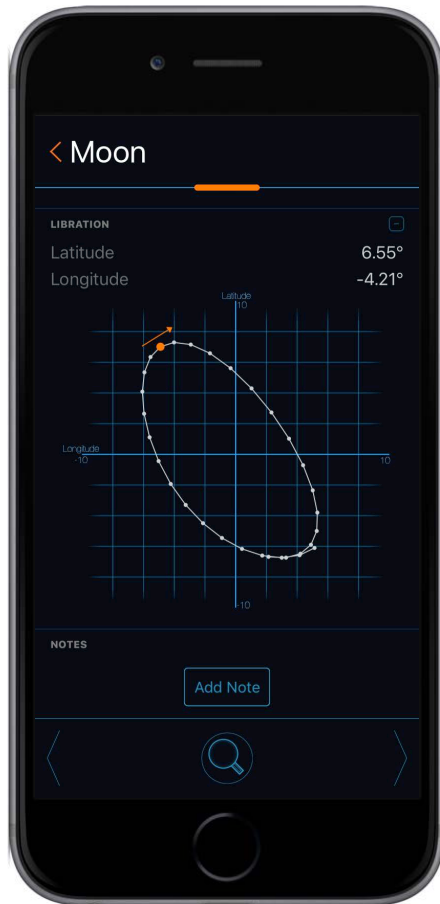
Space weather

The App is connected to various data services from governmental agencies that survey Sun activities. Polar lights predictions up to three days and the present Sun spots situations.



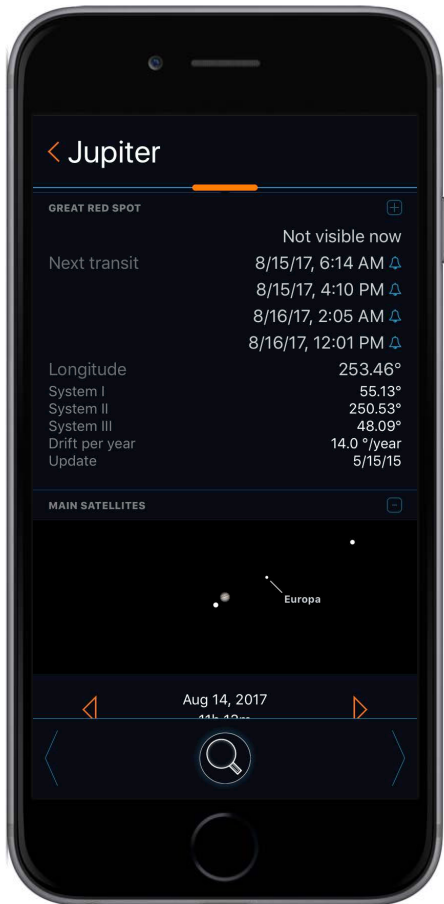
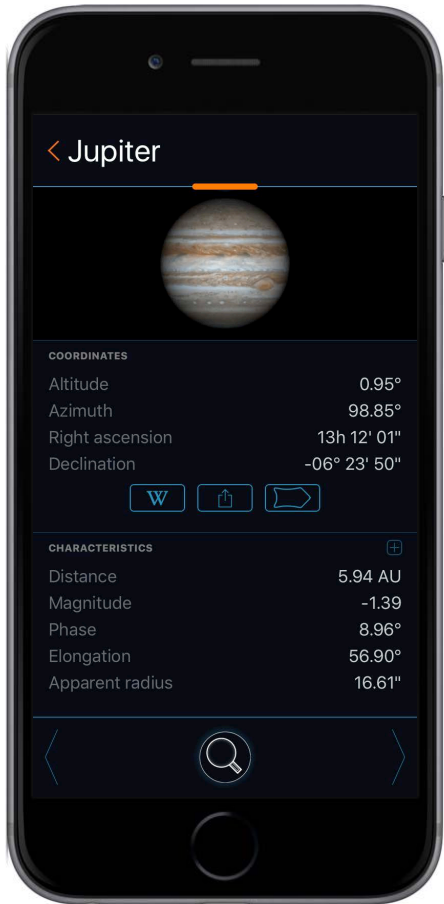
Events

The list of celestial events is specially computed for your location.
Occultations, conjunctions, eclipses, meteor showers, etc...



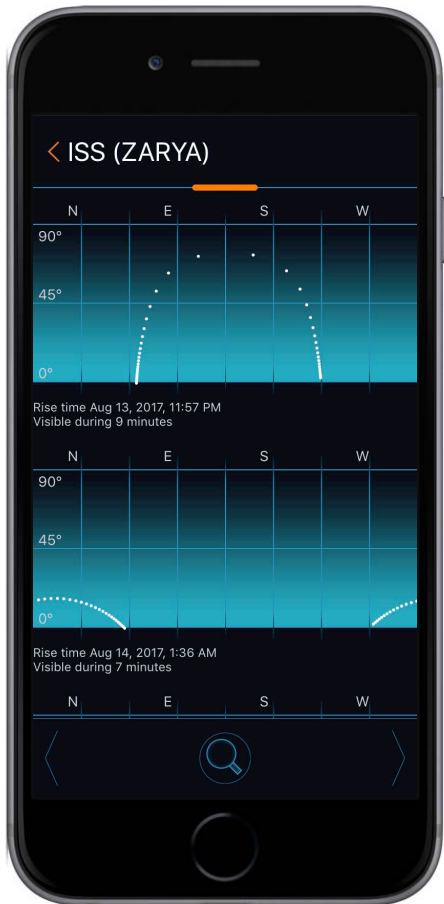
Lunar details

Starmap is fitted with a complete Moon map suited for observation, a phase calendar and even a libration graph.



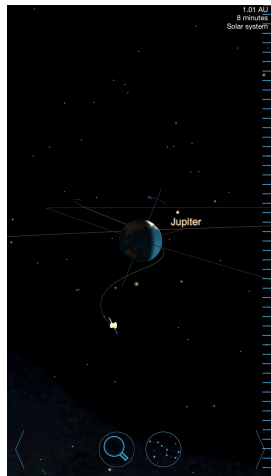
Jupiter details

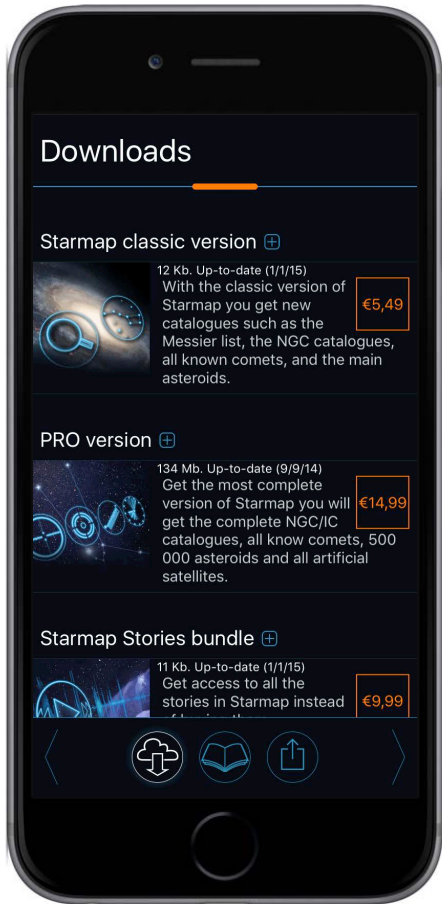
Jupiter comes with great details, including a Great Red Spot prediction and a view of its satellites which you can animate along the time.



Satellites

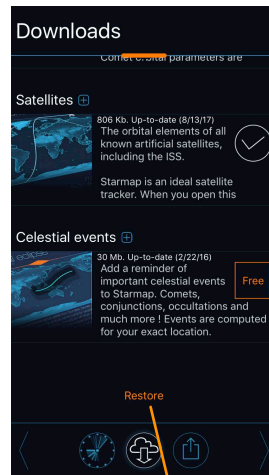
All referenced satellites cruising around Earth are available. Precise details, like position, speeds, doppler effects are reported. A detailed visibility map is computed live. Visibility and trajectories for your location are also available. Satellites trajectories are also displayed in the Solar System 3D model.





Download features

Expand the possibilities of the App by purchasing additional features. The PRO version gives access to all of them – with the exception of telescope control. Touch an item for more details.



Restore

For new installation or transfers to another device, use the restore button located at the bottom of the items list.

Stories

The Sky Tonight

Free

14 Mb. Up-to-date (2/9/16)

122°W 38°N • 8PM → 4AM • Beginners

J F M A M J J A S O N D

A clever story that adapts itself to your time and location. A description of what you can see in the sky tonight. Hop from constellations to constellations and get familiar with the stars above your head.

Cruising the Cygnus Rift



Stories

How a Star is Born

€1,09

13 Mb. Up-to-date (2/9/16)

122°W 38°N • Not visible tonight • Intermediate

J F M A M J J A S O N D

All the stars you see in the sky formed in glowing clouds of gas and dust. Each star went through the same process, hidden away in a stellar cocoon. The sky is full of these birth crèches of stars, and they make beautiful objects to explore on dark nights.

The Changing Pole Star

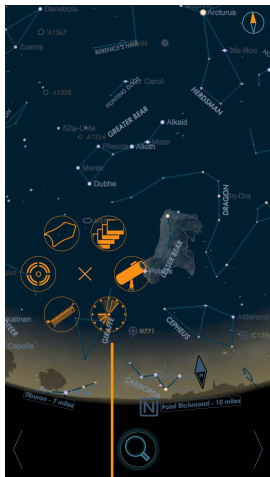


Astronomy courses

Starmap comes with many astronomy courses, for beginners and advanced star-gazers. The stories can be viewed live under the stars, depicting what you see in real-time under the celestial sphere. They can also be view "offline", on your couch.

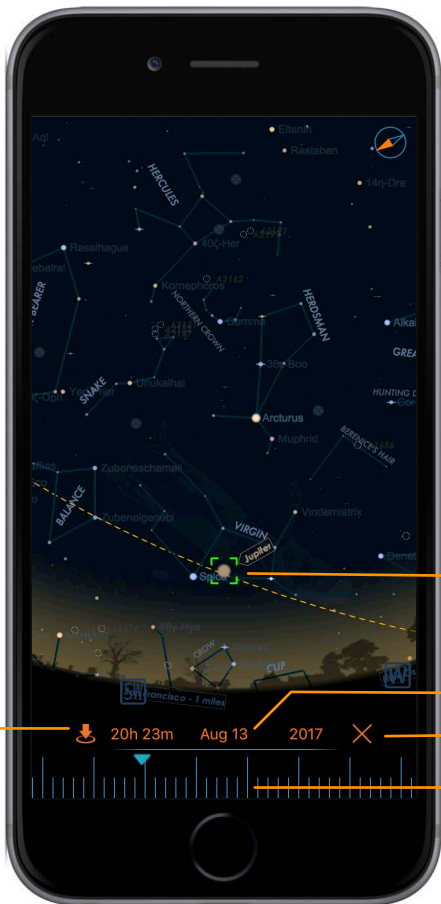
The sky tonight

One free story is a night report, spoken live, adapted to your location.



Time slider from map tools

A long touch on the map lets the map tools appear.
Select the time slider.



The time slider

This feature animates the map along the time.
Swipe and slide the bottom ruler forward and backwards.

Select an object

The map will follow the selected object along the time.

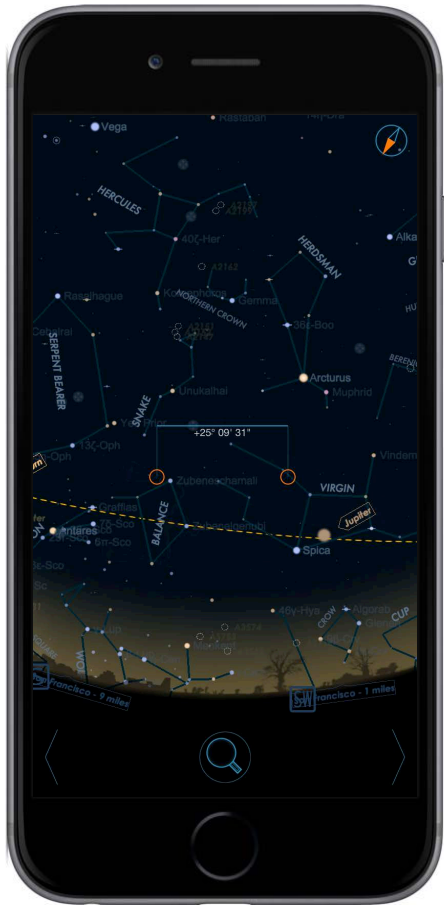
Select the time step.

Close the time slider.

Time ruler

Give it an impulse forward or backwards.

Back to now

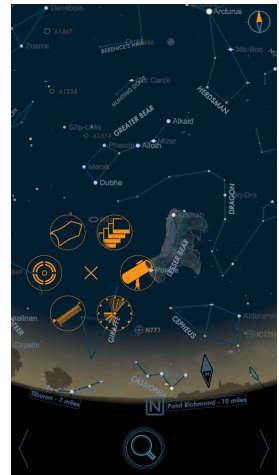


Ruler

The map tools gives access to an angular distance ruler.

Telrad

Activate the tetrad display to exactly reflect what you see with this device mounted on your telescope

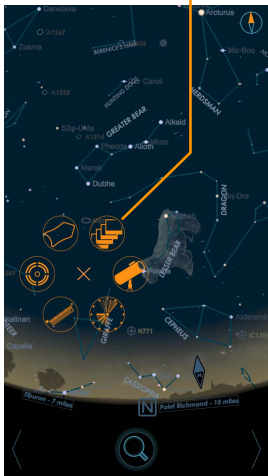


Map tools

A long touch on the map lets the map tools appears.

Map tools

A long touch on the map lets the map tools appear.
Select the images tools.



The image slider

When pressing the images tools, the images slider appears with all the images available for the field of view.
Touch an image thumbnail to let its appear exactly placed on the map



StarmapShare.com

This is the web portal where you can upload your images.
These will be placed on the map and curated by our team.

You can download the selection of the best images in Starmap for offline access. If not, images will be accessible from the cloud.

By entering your StarmapShare credentials, Starmap will use your own images in priority.



Universe 3D model

Starmap contains a 3D model of the Universe, from the Solar System up to the outer bounds of the Virgo Super Cluster.

Touch planets to see them closer.

