

iTelescope Planner

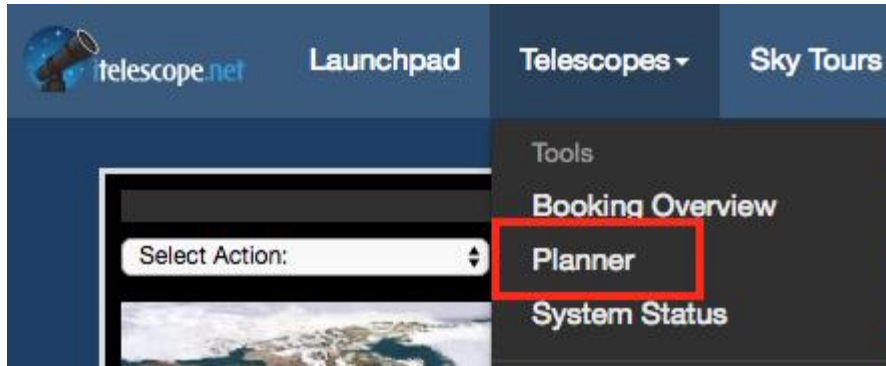
The iTelescope Planner makes finding objects in the night sky easy. You can access it from the iTelescope Launchpad by selecting the "Telescopes" dropdown menu on the top left and then choosing "Planner" by clicking on it. Here is the direct link <https://go.itelescope.net/reservation/planner.aspx>

The screenshot shows the iTelescope Planner interface. The 'Tools' dropdown menu is open, highlighting the 'Planner' option. The main content area displays telescope status for various locations:

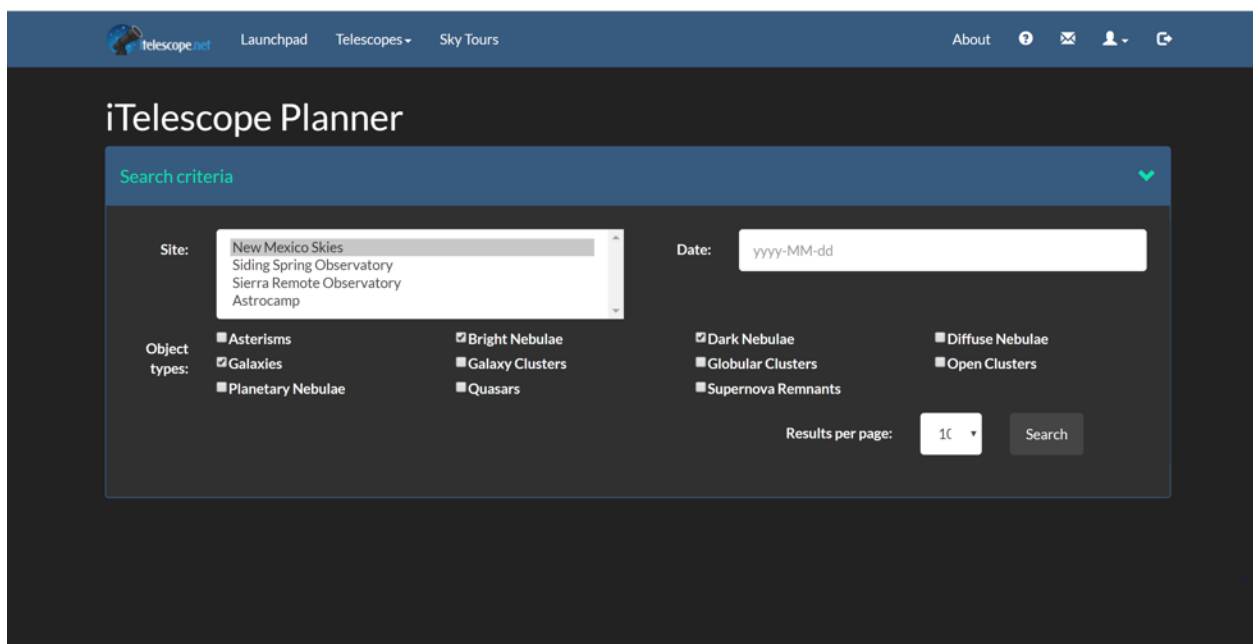
- Northern Hemisphere:** Mayhill, New Mexico, USA. Telescopes T3, T5, T11, T14, T20, T21 are Available. Sierra Nevada Mountains, CA, USA. Telescope T24 is Roof Closed. Nerpio, Spain. Telescopes T7, T16, T18 are Closed: Twilight Dawn.
- Southern Hemisphere:** Siding Spring Observatory, AU. Telescopes T8, T9, T12, T13, T17, T27, T30, T31, T32, T33 are Closed: Day Time. T9 is Closed: System Maintenance.

At the bottom, there is a 'Live Telescope Rates (Points per Imaging Hour)' table:

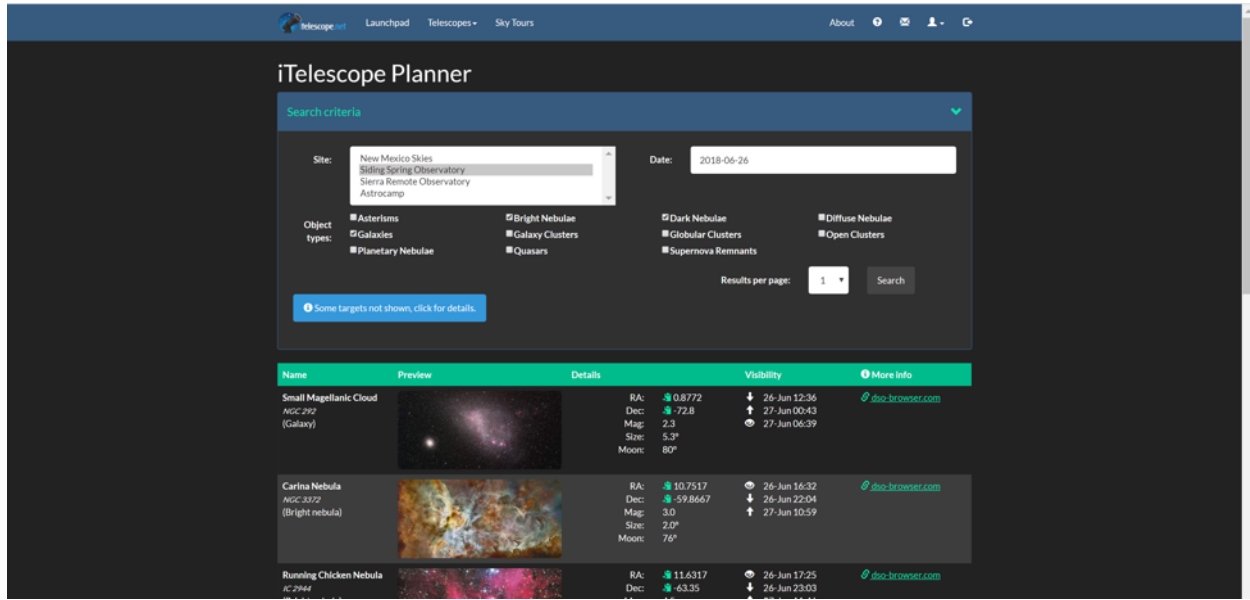
	United States										Australia						Spain			Plan	
	T3	T5	T11	T14	T20	T21	T24	T8	T9	T12	T13	T17	T27	T30	T31	T32	T33	T7	T16		T18
Plan-290	22	24	56	28	25	40	61	42	37	35	30	44	77	62	62	55	57	39	26	33	Upgrade
Plan-90	26	29	80	34	30	58	82	60	54	46	39	58	105	94	94	84	88	57	36	44	Upgrade
None	50	62	124	62	55	90	110	92	82	78	68	98	140	135	135	120	125	88	60	72	Renew Old Plan



A new search window opens. You can select your site on the left and the date on your right. Object types can be selected below.



As an example we will choose the site “Siding Spring Observatory” and press search. As a search result, tonight’s objects appear below, the brightest ones come first. (Your page will look different, depending on your date). We could also choose any future date by filling out the “Date” window on the top right.



The objects are characterized in various green columns, first “Name” and “Preview”. The “Details” column shows information on their RA and DEC coordinates. The green icon allows you to directly copy the RA and DEC coordinates, one by one and paste them into telescope imaging page.



In most cases you can skip this step as the telescope will recognize the object name (e.g. NGC 253) and fill in the coordinates for you. Also shown are object magnitude, size and angle to the moon – the moon phase is automatically taken into account, and objects too close to the moon are eliminated.

The “Visibility” column shows you rise, transit and set times of the object (above an elevation of 30 degrees) which are essential for planning.

Visibility

↓ 26-Jun 12:36

↑ 27-Jun 00:43

👁 27-Jun 06:39

Which telescope should you choose? Click on the "More info" link dso-browser.com

More info

 dso-browser.com

This opens a new window directly in the DSO browser. On the right you can see Hourly Elevation (your observation window is the black field and the curve above 30 degrees green dotted line) and by scrolling

down you can find the Telescope Simulator - click on the iTelescope icon to choose the right telescope by comparing various fields of view.

DSO Browser | Deep Sky | My Observing List (7) | Solar System | Sky Map | Calculator | Astrophotography

OBSERVATORY PARAMETERS
Jun 26 | Siding Spring Obser...
clouds: good | seeing: very bad
7-day hourly forecast

Sculptor Galaxy Galaxy - Constellation: Sculptor
Also known as NGC 253, ESO 474-29, C 65, MCG -4-3-9, PGC 2789, UGCA 13
Size: 29' x 6.8' | Magnitude: 7.2

Observing List
Reminder

WAXING GIBBOUS MOON
3:51pm | 5:02am
Full Moon: Tomorrow!
New Moon: in 17 days (Fri 13)

Find objects, e.g. NGC 5128

USED TELESCOPES (6 ACCESSORIES)

Do you like this free site?
Buy me a beer? :)

Upload Your Astrophotography

Build and share your astrophotographer profile for free!

Telescope Simulator

Check how Sculptor Galaxy would look like through your camera, eyepiece or binoculars.

Hourly Elevation
Maximum Elevation 84° at 6:31am
Rise: 1:56am | Set: 11:06am
transit: north

Monthly Elevation
Best period for observing Sculptor Galaxy at 9 pm
Early December
transit: north

Telescope Simulator

Check how Sculptor Galaxy would look like through your camera, eyepiece or binoculars.

📍 This tool was designed to check framing, not visual magnitude. Objects will look dimmer on your eyepiece and binoculars.

📷 Camera

👁️ Eyepiece

👁️ Binoculars

🌐 iTelescope

🔌 Off

Internet Controlled Telescopes. [Learn more.](#)

🇺🇸 150mm APO Refractor - FOV 0.8° - T3

🇺🇸 250mm Reflector - FOV 1.0° - T5

🇪🇸 318mm Reflector - FOV 0.6° - T18

00 47 33.100 - 🇦🇺 400mm Reflector - FOV 1.5° - T33

🇺🇸 413mm Reflector - FOV 0.8° - T21

🇦🇺 413mm Reflector - FOV 0.7° - T32

🇪🇸 413mm Reflector - FOV 0.7° - T7

🇦🇺 430mm Reflector - FOV 0.3° - T17

🇺🇸 500mm Reflector - FOV 0.9° - T11

🇦🇺 500mm Reflector - FOV 0.7° - T30


🇦🇺 500mm Reflector - FOV 0.9° - T31


Focal Length: 1,425mm

Aperture: 400mm

🔗 [More tech specs](#)

Finally, on the right-hand side you can use the data sheet for telescope coordinates – just switch to decimal format before you copy.

 Data Sheet

Right Ascension 0.7925 

Declination -25.2875 

Surface Brightness 21.6

Redshift 0.0008

Sub-class Barred Spiral -

Distance 11 M light years