



Stelvision telescope simulator

Summary

Short Description: This document explains how to utilize the Stelvision Telescope Simulator app.

Language: English

Suitable for age: 12-18 years

Key words: Telescope, Optics, Planning observation


Format: .doc

Link: <https://www.stelvision.com/astro/telescope-simulator/>



1. This app allows you to simulate the field of view based on the characteristics of your telescope and eyepiece. You can choose between the simple simulation that involves only the diameter of the telescope or the detailed simulation where you can also choose an eyepiece. When you click simulation a pop-up window of the field of view will appear on your screen.

<https://www.stelvision.com/astro/telescope-simulator/>


 Simple simulation ▼


1 - Enter the diameter of the telescope:


mm (5.91") ?


2 - Lower the lighting of your room. Approach yourself so as to see only the screen when closing one eye.


3 - Select what you want to see:



Moon



Saturn


the Pleiades


M42 Nebula


M31 Galaxy


M51 Galaxy

 Detailed simulation: choose your eyepieces ▼

Diameter of the instrument: D = mm (5.91")

Focal length of the instrument: F = mm Or F / D ratio =

Focal length of eyepieces

I choose my eyepieces

eyepiece focal length n°1 = mm

eyepiece focal length n°2 = mm

eyepiece focal length n°3 = mm

eyepiece focal length n°4 = mm

eyepiece focal length n°5 = mm

Use a 2X barlow

Suggest me an optimized set of eyepieces ?

Number of eyepieces: ▼

Apparent field of view of eyepieces ° (between 30 and 110)

Option: other field of view for comparison ° (enter a value if you want to compare eyepieces with different fields of view)

Celestial sights ▼

