

# Download Sc001 Constellation Chart Pdf

## Sc001 Constellation Chart PDF Download

Sc001 Constellation Chart Part 1: the sc001 constellation chart imaging the universe, the sc001 is useful for showing the coordinates and names of a large number of stars it can be used by itself in learning the constellations, although it is not quite as convenient as the star wheel the sc001 chart only goes up to a declination of 60 degrees.

## Part 1: The SC001 Constellation Chart | Imaging the Universe

It can be used by itself in learning the constellations, although it is not quite as convenient as the star wheel. The SC001 chart only goes up to a declination of 60 degrees. The part of the sky north of declination 60d to the North Celestial Pole is covered by the accompanying SC002 chart.

## Navigating the Night Sky

The Horizon and Visible Stars. The southernmost stars you can see must have a declination greater than  $-90^\circ - 1^\circ$ . For us:  $-(90^\circ - 40^\circ) = -50^\circ$ . So we can never see the "Southern Cross" constellation Crux, because it has a declination of  $-60^\circ$  and is always below our horizon.

## AST

One of the most useful is the "SC001" chart. This map covers the equatorial region of the celestial sphere. The north and south polar regions are represented in SC002 and SC003 charts, respectively. These charts are confusing at first glance, as there is no horizon or "landmarks" with which to orient yourself.

## Astronomy 6 Lab Manual

1. Determine the R.A. of the side borders of the SC001 chart
2. Determine the declination of the upper and lower borders of the SC001 chart
3. Determine where 0 hrs. R.A. is on the SC001 chart
4. Determine the declination of the outer circle of the SC002 chart
5. Determine the declination of the center of the SC002
- 6.

## SC001: p. 1

sc001 The SC001 star map (produced by Sky Publishing ) is a projection of the celestial sphere onto a flat sheet of paper. It includes about 85% of the celestial sphere, excluding only the regions near the north and south celestial poles .

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These constellation patterns were adopted by Google Sky. The classic version of these star charts are also available without the Messier Catalog objects. Check out the Frequently Asked Questions for more information on how the star charts were made. A variety of star chart versions are also available.

## **Free star charts**

Detailed star charts. The star charts above utilize the Greek alphabet system to denote the brightest 24 stars for most constellations. To assist in interpreting these symbols, you can download this free Greek alphabet astronomy reference guide [here](#). File is for 11 inches x 8.5 inches paper, in PDF format. File size is 2.3MB.

## **Map of the Constellations**

The chart above shows the division of the night sky into 88 constellations, plotted on a rectangular grid right ascension – celestial longitude – and declination – celestial latitude. Two color schemes are available: light-on-dark, recommended for screen viewing, or dark-on-light which is printer friendly.

## **How to use a star chart | Astronomy.com**

How to use a star chart. ... Here you'll see the large constellation Ursa Major, with its group of seven bright stars known as the Big Dipper. ... [Click here to download a FREE Apollo PDF curated ...](#)