

Space Science and Good Astronomy Apps

by John Ensworth Updated August 2017

www.bikerjohn.com/apps.docx

Planetarium Programs:

Sky Safari Pro 5 – full planetarium program \$40 (watch for specials **\$20 before eclipse!**)

+ *Satellite Safari* \$2.99 (also *SkySafari 5 Plus* \$14.99 and *SkySafari5* \$2.99)

Go Sky Watch– full planetarium program \$3.99

Starmap 2 - FREE

SkyView – (AR) full planetarium program \$1.99 (and FREE version)

Star Charts – (Wil Tirion maps) \$3.99

Star Walk 2 – (with space music) \$2.99

Pocket Universe (puniverse)– full planetarium software \$2.99 + Free Express Version

SkyORB – FREE and \$2.99 for pro in-app purchase.

Distant Suns – full planetarium program \$4.99 and 1.99 versions

Stellarium – full planetarium program \$2.99

Sky Guide (simple nice looking) \$2.99

Pocket Universe – \$2.99 and FREE version

Eclipse Aids:

Eclipses – FREE

Solar Eclipse Timer- \$1.99

Eclipse 2017 (Sithsonian) – FREE

Eclipse 2017.org - \$2.99 in app purchase

Eclipse Safari - FREE

Totality by Big Kid Science – FREE

**Eclipse2017.nasa.gov : Video Streaming possibilities; Live Stream, Facebook Live, YouTube, Twitter/Periscope, TwitchTV, Ustream, NASA apps

Weather Forecasting for Astronomy:

Scope Nights – \$4.99

myCSC – Clear Sky Clock – \$1.99

Cleardarksky.com (add to home screen)

UCAR cloud forecast loops <http://weather.rap.ucar.edu/model/> (add maps to home screen)

Aurora Forecast – FREE

My Aurora Forecast - FREE

Observer Pro– planning program (uses 7Timer) \$13.99

Clear Outside – FREE

Mijn Hemel (in German?) – FREE

SkippySky www.skippysky.com.au (Australia) – FREE

Observing Aids:

DS Browser (Deep Sky Browser)– \$9.99

Messier List – FREE

NGC List - FREE

Planets – FREE

Astrosky (interesting finder/planning software) \$4.99 (And *Observer Pro* below)

Special Information:

SkyWeek – (by Astronomy Magazine) FREE (also inside *Sky Safari Pro*) Plus version \$2.99

SkyTime – FREE

Astrolabe Clock – FREE
Satellite Watcher FREE – Satellite Tracker plus \$1.99
Sputnik! – FREE
Darkness – ephemeris \$1.99
iEphermeris – \$1.99 + FREE version
Deluxe Moon Pro (iPhone) and *Deluxe Moon HD Pro* (iPad) \$2.99 each
Moon (by CDV Concepts) FREE
Exoplanet –FREE
MeteorGuide – \$0.99
Meteor Shower Calendar - FREE
Comet Ephermerides - - FREE
Jupiter Guide FREE (Sky and Telescope has one too, JupiterMoons \$2.99)
SaturnMoons \$2.99
Gas Giants (more than Jupiter and Saturn) FREE
Spaceweather.com (add to home screen) FREE
MoonGlobe HD – \$0.99 and *Mars Globe HD* – \$0.99
Universe (dark matter simulator) FREE
Galaxy Collider HD – (Galaxy Collier) \$0.99
Transients (notice of explosions in deep space) FREE
NightCap Pro - \$1.99

NASA Astronomy Apps:

NASA App - FREE	NASA Television App - FREE
SOHO Viewer– FREE	Hubble Site – FREE
Exoplanet - FREE	Astronomy Picture of the Day – APOD – FREE
DIY Sun Science FREE	

Geological Apps:

Google Earth FREE
Earthquake Alert Monitor & USGS data FREE
USGS Seismic FREE
QuakeFeed FREE
Mappity Quakes \$0.99
iSeismometer FREE

Daily Weather Information

MyRadar - regional radar FREE and Pro \$1.99 (+ in app purchase upgrades)
RadarScope - high resolution local radar \$9.99 (more for \$10/yr. subscription)
AccuWeather - forecasts FREE
Wunderground App – forecasts FREE
Storm Shield – FREE
Snow Cast – pinpoint snow forecast - FREE
Weather Nation (WN) – forecasts FREE and \$2.99 version
WeatherBug Elite- forecasts, lightning, and Webcams - FREE

Websites: Weatherunderground.com Mobile site,
NWS Maps (www.weather.gov),
UCAR (weather.rap.ucar.edu) Weather 5280 (www.weather5280.com)
Storm Prediction Center (www.spc.noaa.gov)