

## Occultation Support Software

There are multiple free or low-cost software programs, mostly only available for Windows computers, which support occultation predictions, data capture, data reductions, observation coordination. The user guide materials, if not co-located with the software, are also given.

### Occultation Software

Name	Purpose	Location
Occult4	Predictions, reductions, data maintenance	<a href="http://lunar-occultations.com/iota/occult4.htm">lunar-occultations.com/iota/occult4.htm</a>
Occultwatcher	Observer coordination	<a href="http://www.occultwatcher.net">www.occultwatcher.net</a>
IOTA Video Capture	Analog video capture	<a href="http://occultations.org/observing/software/">occultations.org/observing/software/</a>
IOTA Video Playback	Play back captured video	Distributed with IOTA Video Capture
Pymovie	Analog and digital video data extraction	<a href="http://occultations.org/observing/software/pymovie">occultations.org/observing/software/pymovie</a>
Pyote	Data analysis	Distributed with Pymovie
Limovie	Analog video capture and data extraction	<a href="http://Astro-limovie-info/limovie/manual_0997/manual_en.html">Astro-limovie-info/limovie/manual_0997/manual_en.html</a>
Virtual Dub	Analog video data capture and analysis	<a href="http://www.virtualdub.org">www.virtualdub.org</a>

Name	Purpose	Location
Guide9	Planetarium program, generate star charts	Not available for download and not free. <a href="http://www.projectpluto.com">www.projectpluto.com</a>
Computer Aided Astronomy (C2A)	Planetarium program, generate star charts	<a href="http://www.astrosurf.com/c2a/english">www.astrosurf.com/c2a/english</a>
SharpCap	Support for digital and analog occultation data capture	<a href="http://www.sharpcap.co.uk">www.sharpcap.co.uk</a>
Tangra	Reduce astronomical video observations	<a href="http://www.hristopavlov.net/tangra3/">www.hristopavlov.net/tangra3/</a>
Occurec	Open source video recorder for Windows	<a href="http://www.hristopavlov.net/OccuRec/OccuRec.html">www.hristopavlov.net/OccuRec/OccuRec.html</a>