

20120825 IIXIII

Event date: 2012-Aug-25 UT

Predicted event times: 04:50 to 06:20 UT

Recommended wing data outside event: +/- 15 to 30 minutes

Predicted photographic magnitude drop: 0.076

Event Type: Ganymede intensity extinction by Europa's atmosphere

Extinction source: Europa's atmosphere

Photometric target: Ganymede

Predicted target photographic magnitude at minima: 5.279

Photometric reference: Europa

Separation of bodies at minima: 6.4''

Radii at minima: 15.1 Europa radii

Special situation:

	UT day time	II Radii Separation	Bodies Sep ''	Event Type	Target P mag	Predicted mag drop
Start	2012-Aug-25 04:50	24.6	10.3	II X III	5.203	
Minima	2012-Aug-25 05:35	15.1	6.4	II X III	5.279	0.076
End	2012-Aug-25 06:20	24.2	10.2	II X III	5.206	



Start 2012-Aug-25 04:50

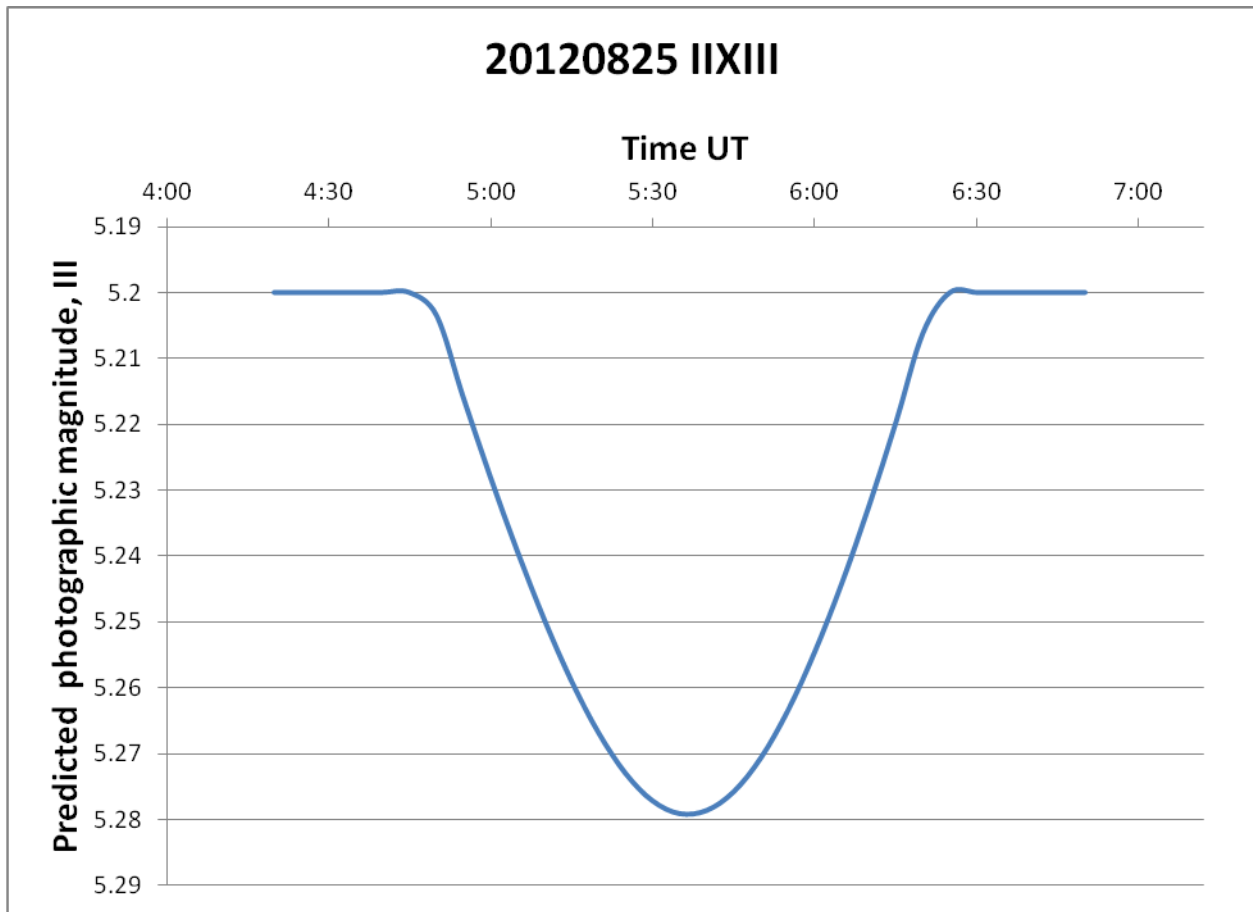


Minima 2012-Aug-25 05:35



End 2012-Aug-25 06:20

Predicted Lightcurve



Jovian Extinction Event Predictions:

Scott Degenhardt June 15, 2012

Send data correspondence to scotty@scottysmightymini.com

<http://scottysmightymini.com/JEE/>

Predictions package: <http://scottysmightymini.com/JEE/JEE2012.PDF>

Ephemeris Source:

<http://ssd.jpl.nasa.gov/horizons.cgi>

Solar System Dynamics Group, Horizons On-Line Ephemeris System

4800 Oak Grove Drive, Jet Propulsion Laboratory

Pasadena, CA 91109 USA

Information: <http://ssd.jpl.nasa.gov/>

Connect : telnet://ssd.jpl.nasa.gov:6775 (via browser)

telnet ssd.jpl.nasa.gov 6775 (via command-line)

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Jovian Moon Configuration Graphic:

Guide 8 by Bill Gray

<http://www.projectpluto.com/>