

Visible Pass Details

[| Home](#) | [Info](#) | [Orbit](#) | [Help](#) |

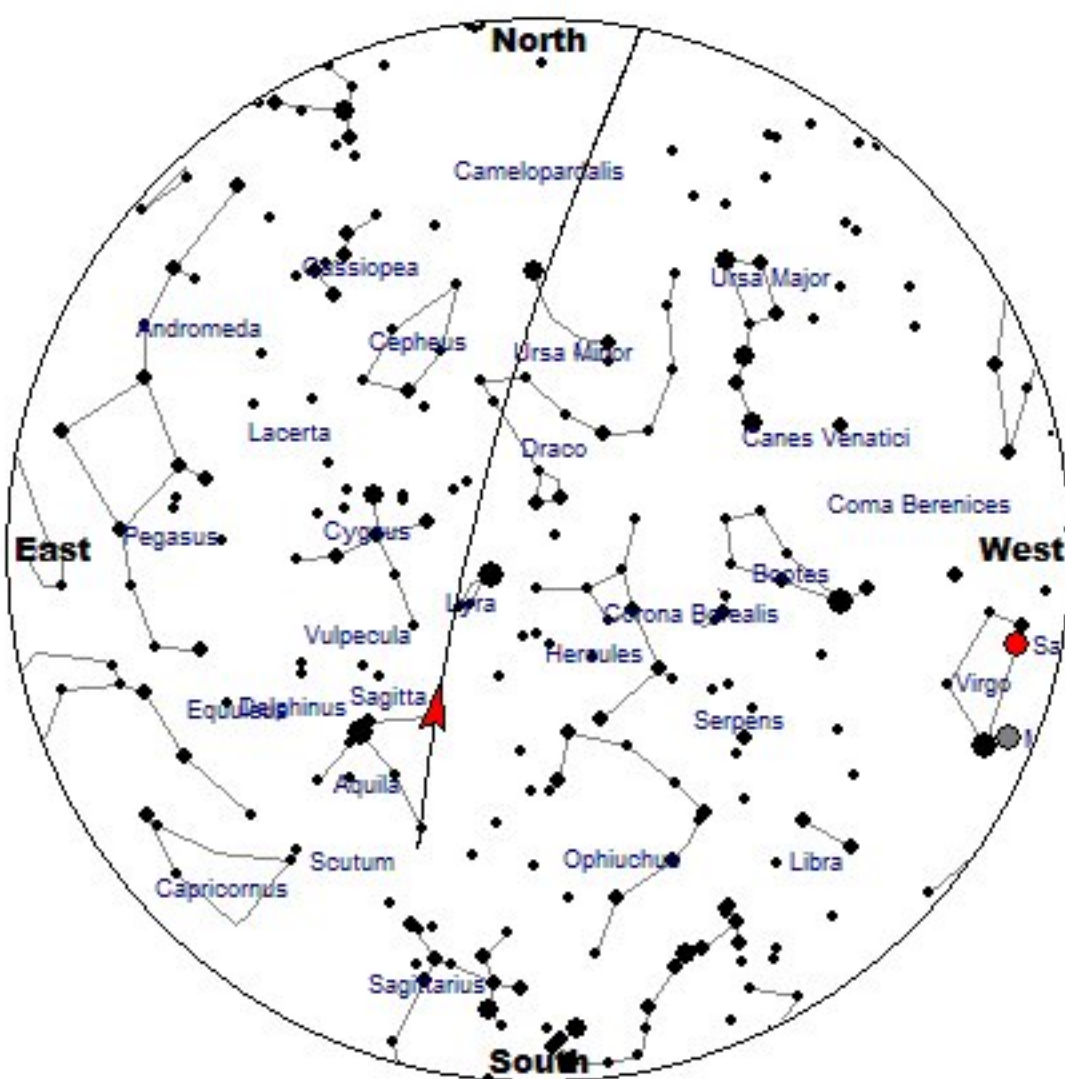
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Ground Track

NEW! [Click here](#) for a view of the ground track during the pass, centred on your location.

Whole Sky Chart

This chart shows the path of the satellite across the sky. Please note that East and West are **NOT** the "wrong way round" if you hold the chart over your head to correspond to the view of the sky.



Pass Details

Date: Thursday, 04 August, 2011
 Satellite: IGS 1B
 Observer's Location: Toulouse (43.6000°N, 1.4330°E)
 Local Time: Central European Summer Time (GMT + 2:00)
 Orbit: 445 x 448 km, 97.2° (Epoch 09 Sep)
 Sun altitude at time of maximum pass altitude: -16.3°

Event	Time	Altitude	Azimuth	Distance (km)
Leaves shadow	22:56:35	36°	158° (SSE)	733
Maximum altitude	22:57:55	78°	62° (ENE)	465
Drops below 10° altitude	23:01:15	10°	351° (N)	1,587
Sets	23:03:17	0°	350° (N)	2,459