



Visible Pass Details

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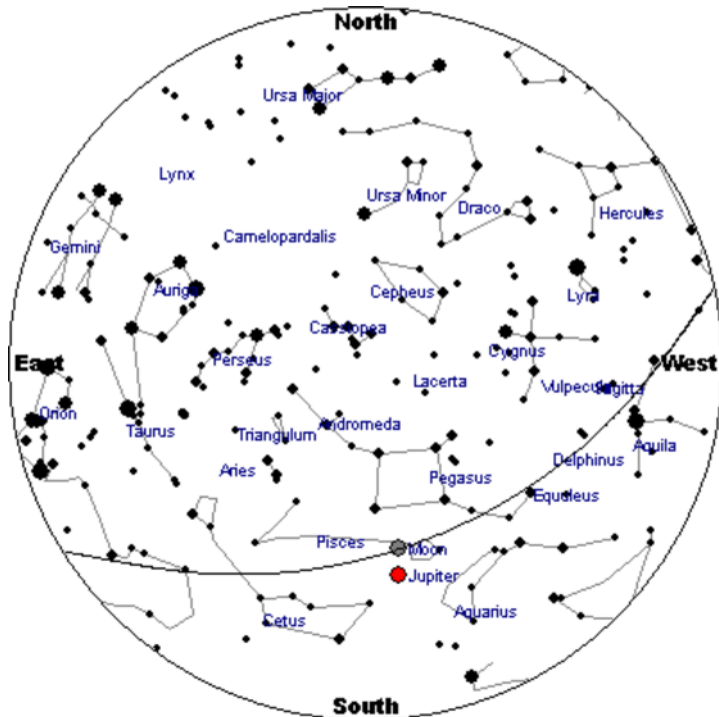
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Ground Track

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.

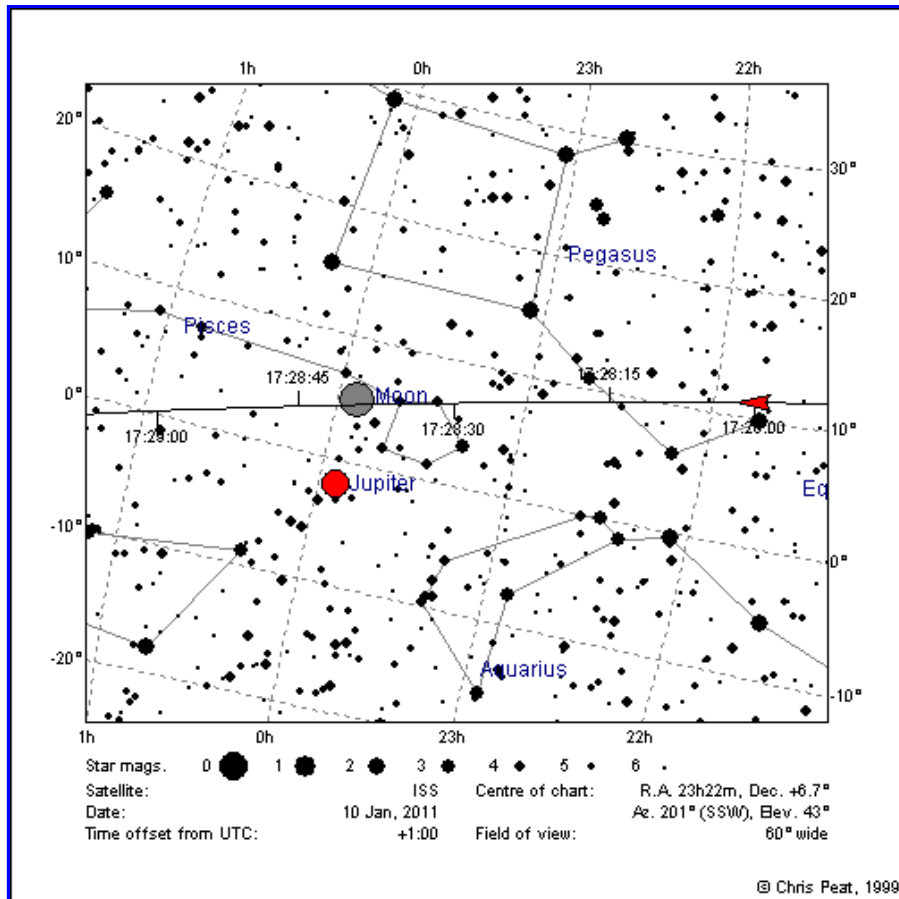


Pass Details

Date: Monday, 10 January, 2011
 Satellite: ISS
 Observer's Location: Bad Lippspringe (51.7830°N, 8.8170°E)
 Local Time: Central European Time (GMT + 1:00)
 Orbit: 348 x 355 km, 51.6° (Epoch 10 Jan)
 Sun altitude at time of maximum pass altitude: -7.8°

Event	Time	Altitude	Azimuth	Distance (km)
Rises above horizon	17:23:37	0°	282° (WNW)	2,156
Reaches 10° altitude	17:25:40	10°	275° (W)	1,315
Maximum altitude	17:28:30	43°	201° (SSW)	502
Drops below 10° altitude	17:31:17	10°	129° (SE)	1,309
Sets	17:33:19	0°	122° (ESE)	2,145

Detailed Star Chart



Change chart size 500 (500 to 1600 pixels)

Click anywhere within the inner chart to zoom in on that region.
 Click in the border region to get a new chart at the same resolution, but with the centre point moved in that direction.
 The chart is oriented such that the local zenith is towards the top.
[Click here](#) for more info and help on using the charts.

Developed and maintained by [Chris Peat](#), Heavens-Above GmbH
Please read the updated [FAQ](#) before sending e-mail.

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