

See the International Space Station Again

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Again, we can see the International Space Station (ISS) passing by our skies. A month ago, we wrote some thoughts on this that you can find in the link: <http://www.astronomia.org.bo/astro/280-ISS.pdf>

Data for this August/15, and tomorrow August/16.

ISS Visibility Data for Cochabamba			
<i>Fecha</i>	<i>You start to see it (approx.).</i>	<i>Maximum height</i>	<i>It is not seen anymore (approx.).</i>
Saturday, August/15	At 19:25, 10° above horizon to NW.	At 19:28, 51° above horizon to SW.	At 19:30, 28° above horizon to SSE enter Earth's shadow.
Sunday, August/16	At 18:37, 10° above horizon to NNW.	At 18:41, 65° above horizon to NE.	At 18:44, 10° NE above horizon to NE enter Earth's shadow.
ISS Visibility Data for La Paz			
Saturday, August/15	At 19:24, 10° above horizon to NW.	At 19:28, 62° above horizon to SW.	At 19:30, 10° above horizon to SSE enter Earth's shadow.
ISS Visibility Data for Santa Cruz			
Saturday, August/15	At 19:26, 10° above horizon to WNW.	At 19:29, 36° above horizon to SW.	At 19:30, 30° above horizon to SSW enter Earth's shadow.
Sunday, August/16	At 18:38, 10° above horizon to NW.	At 18:41, 84° above horizon to SW.	At 18:44, 10° above horizon to SE enter Earth's shadow.
<p>Note:</p> <p>To estimate 10°, stretch your arm, and the width of your fist subtends approximately that angle; likewise, 20° approaches the angle that the thumb and little finger of the open hand subtend (fingers extended) and also the arm extended.</p> <p>It must be considered that from the horizon to the highest point above the head (Zenith) there are 90°. Cardinal points are the direction from which one must look up to reach the given height above the horizon in degrees. (for example: WNW means West-Northwest, that is to say the intermediate direction between West and Northwest). It is important to have a clock with the right time. The indicated time is given for Bolivia in hours and minutes. Another detail to be considered is the cloudiness; if there are clouds in the sky, it will be impossible to see the International Space Station. Sky must be clear or at least with no clouds towards the region where the artificial satellite will pass (ISS, HST, etc.).</p>			

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