

## CAS MESSIGNY ET VANTOUX (21) 19/07/2009 observation entre 23h et 23h15

Passage lumière, direction NO-SE, aucun bruit.

Recherche : confirmation passage ISS

<http://www.heavens-above.com/PassDetails.asp?Size=600&SatID=25544&alt=000033&loc=U&nspecified&TZ=CET&Date=40013.8776654998>

### Pass Details

Date: Sunday, 19 July, 2009

Satellite: ISS

Observer's Location:

Local Time: Central European Summer Time (GMT + 2:00)

Orbit: 341 x 354 km, 51.6° (Epoch 31 Aug)

Sun altitude at time of maximum pass altitude: -12.7°

Event	Time	<a href="#">Altitude</a>	<a href="#">Azimuth</a>	Distance (km)
Rises above horizon	22:58:49	0°	294° (WNW)	2,180
Reaches 10° altitude	23:00:51	10°	296° (WNW)	1,335
Maximum altitude	23:03:48	78°	15° (NNE)	367
Enters shadow	23:05:34	22°	108° (ESE)	836

**Magnitude -3.3**

## 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.

