

**Utiliser l'outil prédictif ICARE
pour déterminer le moment
du passage d'un satellite
proche de votre
établissement**

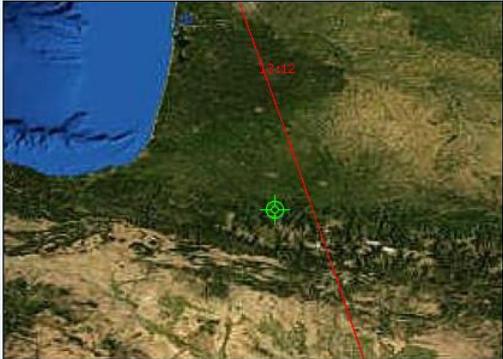
Entrez la longitude et la latitude, la cible va se déplacer, puis rentrez la date

ICARE Overpass Predictor

Satellite / Date / Time	Orbit Tracks
<p><input type="radio"/> Aqua <input checked="" type="radio"/> Calipso <input type="radio"/> Cloudsat <input type="radio"/> Parosol <input type="radio"/> Envisat</p> <p>Start Date 2014-04-27</p> <p>End 2014-04-27</p> <p><input checked="" type="radio"/> Full Day <input type="radio"/> Time Range</p> <p>Longitude 34</p> <p>Latitude 35</p> <p>Reset Selection</p> <p>Plot Orbits Tracks</p> <p>Compute Overpass Time</p>	<p>← Satellite: Calipso, Date: 2014/04/27 →</p> <p>Use pointer (click and drag) to zoom-in</p> <p>Apply Zoom Selection Zoom Out Full Image</p>

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ICARE Overpass Predictor

Satellite / Date / Time	Orbit Tracks
<input type="radio"/> Aqua <input checked="" type="radio"/> Calipso <input type="radio"/> Cloudsat <input type="radio"/> Parosol <input type="radio"/> Envisat Start Date <input type="text" value="2015-10-08"/> End <input type="text" value="2015-10-08"/> <input checked="" type="radio"/> Full Day <input type="radio"/> Time Range Longitude <input type="text" value="-0.36"/> Latitude <input type="text" value="43.29"/> <input type="button" value="Reset Selection"/> <input type="button" value="Plot Orbits Tracks"/> <input type="button" value="Compute Overpass Time"/>	<p>Satellite: Calipso, Date: 2015/10/08</p>  <p>Use pointer (click and drag) to zoom-in</p> <p><input type="button" value="Apply Zoom Selection"/> <input type="button" value="Zoom Out"/> <input type="button" value="Full Image"/></p>
Longitude: -0.36, Latitude: 43,29 Calipso closest daytime overpass time: 2015/10/08: 13:11 UTC (28 km) Calipso closest nighttime overpass time: 2015/10/08: 02:05 UTC (201 km)	
<p>Note: Plots and calculations are based on satellite predicted ephemeris. Uncertainty may vary over time, and may be up to 1.5 minute for overpass time and 10km for orbit track position. Distance to orbit track is approximate at this point. Red: daytime tracks - Blue: nighttime tracks</p> <p>More advanced orbit prediction tools:</p> <ul style="list-style-type: none"> • IXION • ESA Orbit Viewer 	

Cherchez la trace rouge
(celle du passage de jour)
la plus proche de votre
établissement

Sélectionnez votre zone
pour zoomer, et cliquez sur
« apply zoom selection »

Changez la date de départ et de fin(1) puis cliquez sur « compute overpass track »(2)
Vous obtiendrez la distance la plus proche entre la trace du satellite et votre établissement (3) : par exemple 28 kms ici pour le 08 octobre 2015 à 13:11 UTC c'est «très bon » ! Vous pouvez comparer les données satellite et les données sol si vous avez moins de 100 kms.

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Longitude: -0.36, Latitude: 43,29
Calipso closest daytime overpass time: 2015/10/08: 13:11 UTC (28 km) **3**
Calipso closest nighttime overpass time: 2015/10/08: 02:05 UTC (201 km)

Note: Plots and calculations are based on satellite predicted ephemeris. Uncertainty may vary over time, and may be up to 1.5 minute for overpass time and 10km for orbit track position. Distance to orbit track is approximate at this point.
Red: daytime tracks - Blue: nighttime tracks

More advanced orbit prediction tools:

- [IXION](#)
- [ESA Orbit Viewer](#)