



The standard flat earth argument:

“Globe predicts:
[thing the globe DOES NOT predict],
this observation doesn’t match;
therefore flat.”

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“Globe predicts: [thing the globe DOES NOT predict], this observation doesn’t match; therefore flat.”

- Strawman
 - You cannot falsify the Globe by testing NotGlobe.
- False dichotomy
 - This has nothing to do with the claim that earth is flat



When a flat earther says
“the globe predicts...” or
“this should happen on the
globe...”, they are about to
strawman the globe.



Meanwhile....

Flat earthers are never able
to provide a single prediction
for flat earth.



How should we seek to determine the shape of the earth?

In a series of lectures Richard Feynman described the key to science.



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You must compute the consequences. Apply physics, geometry. Then compare to experiment, observation, or experience. If they don't match your hypothesis is falsified.



Flat earthers fail to do this in 2 ways:

- Getting the globe computations wrong.
 - Strawman
- By never providing computations for flat earth.
 - You are not able to participate in science. You only have a religious belief.

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I will use both globe and flat earth to compute the consequences of each hypothesis and compare them to observations.



Both Matthew and Ross specifically reference the AE/Gleason's map.

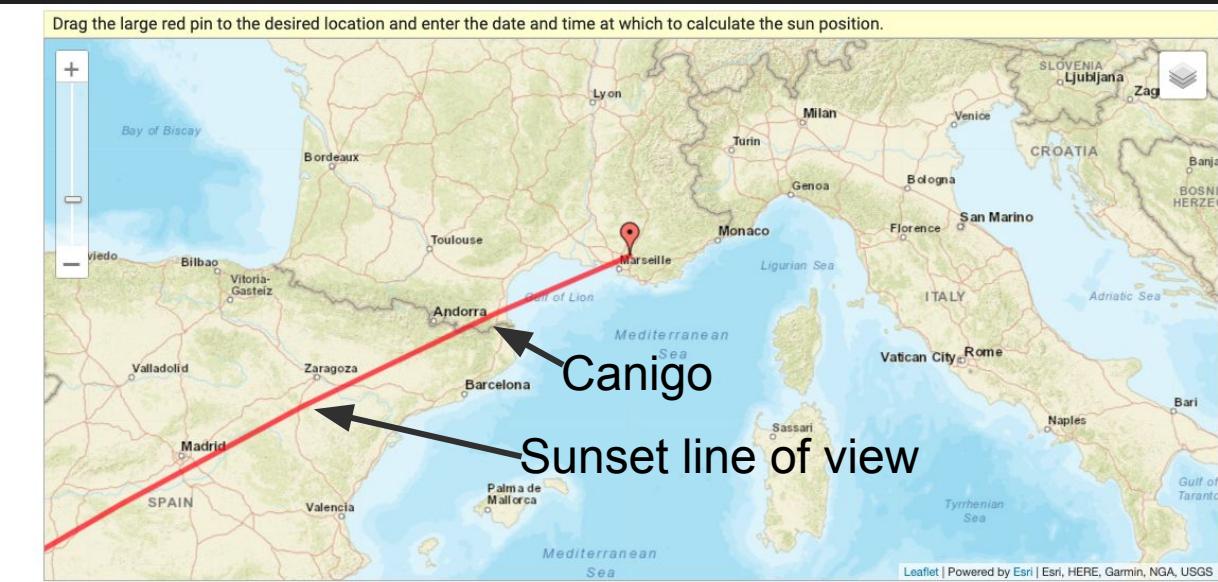
Matthew: “AE map which is useful because the distances are correct.”

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Observation: Canigo from Marseille, France

Globe Prediction Sunset Angle



Location:

Latitude: ② Longitude: ② Time Zone: ②

43.5

5.6

Europe/Paris

Save Location

UTC Offset: ②

+01:00

Date:

Day: Month: Year:

2

Feb

2018

Local Time:

17

: 50

: 00

PM

Result

Equation of Time ② (minutes):

-13.74

Solar Declination ② (in °):

-16.68

Solar Noon ② (hh:mm:ss):

12:51:15

Apparent Sunrise ② (hh:mm):

07:53

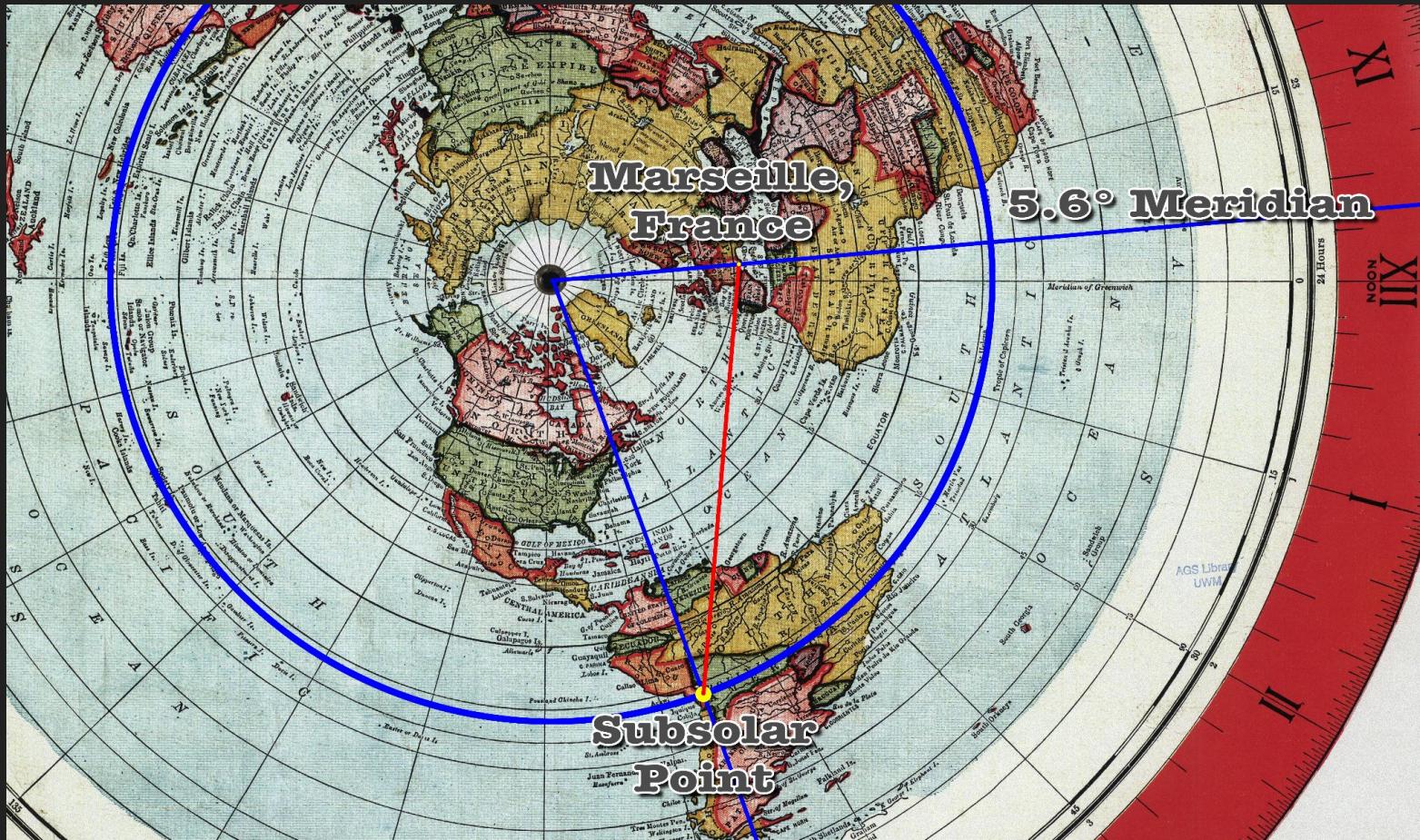
Apparent Sunset ② (hh:mm):

17:50

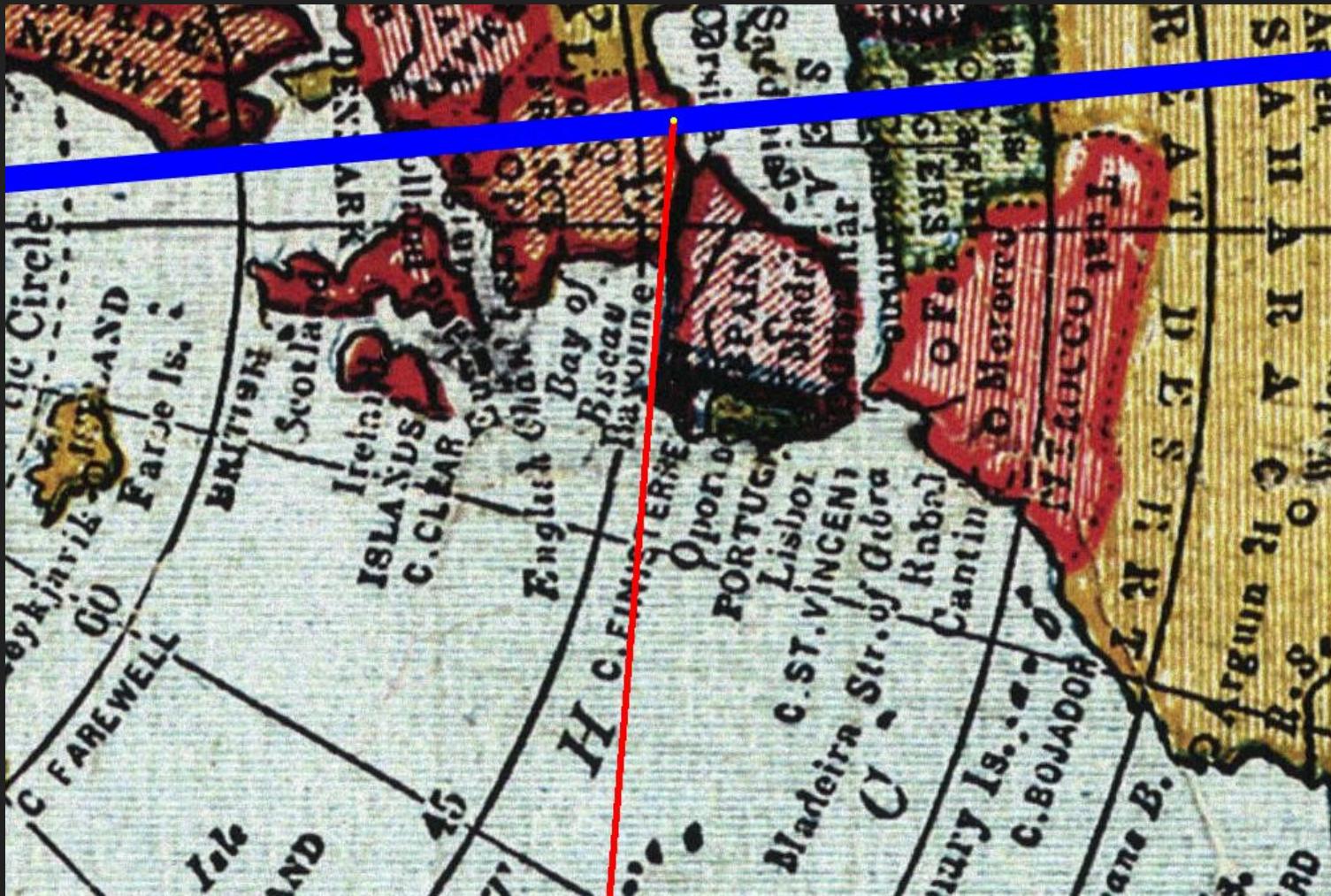
Az/El ② (in °) at Local Time:

247.5 -0.38

Flat Earth Prediction Sunset Angle



Flat Earth Prediction Sunset Angle



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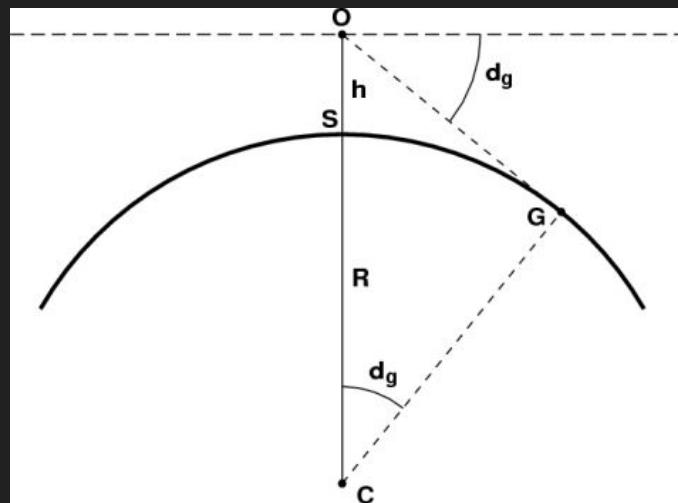


Predicting the amount obstructed for globe and flat earth.

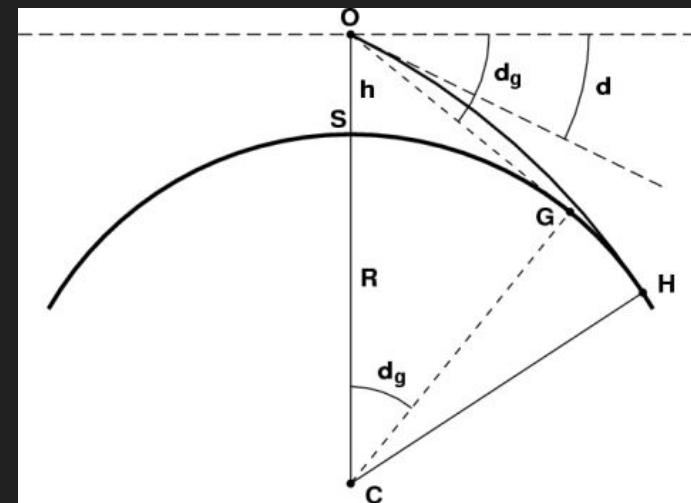
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No atmo day



Reality



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Advanced Earth Curvature Calculator

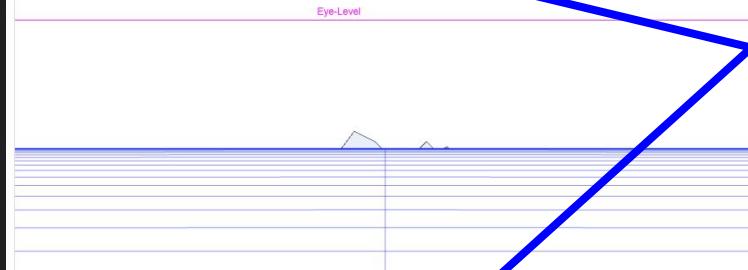
Friday, August 31, 2018 - 17:54 | Author: wabis | Topics: FlatEarth, Calculator, Knowledge, Geometry

+ Show Tutorial

Link: walter.bisins.ch/CurveCalc

Target 1 Visible = 471.9 m; Hidden = 2,312 m
 Size = 2,784 m; Angular Size = 0.577752°
 Drop = 5,201 m; Drop Angle = 1.07973°
 Top Angle = -0.621944°; Tilt = 2.15945°

Eye-Level



Target Lift rel to Horizon = 527.3 m
 Target Lift Absolute = 777.4 m
 Horizon Lift = 250.1 m
 Target Refr Angle = 0.161333°
 Refraction Coeff k = 0.1300 (standard)
 Temp. Gradient dT/dh = -0.01220°C/m (instable Layer)

Basics View Target 1 Target 2 Refraction Std 0 Units Save/Restore Reset All

Observer Height 578 m
 Target Distance 276.000 m
 Target Size 2,784 m
 Refraction 0.13
 Zoom f 500 mm
 Diagonal FOV 4.9549 °

Globe prediction $k=+0.13$

Target 1 Visible = 471.9 m; Hidden = 2,312 m
 Size = 2,784 m; Angular Size = 0.577752°
 Drop = 5,201 m; Drop Angle = 1.07973°
 Top Angle = -0.621944°; Tilt = 2.15945°

Globe prediction $k=+0.15$

Target 1 Visible = 551.4 m; Hidden = 2,233 m
 Size = 2,784 m; Angular Size = 0.577758°
 Drop = 5,081 m; Drop Angle = 1.05490°
 Top Angle = -0.597117°; Tilt = 2.10981°

mctoon.net/refraction

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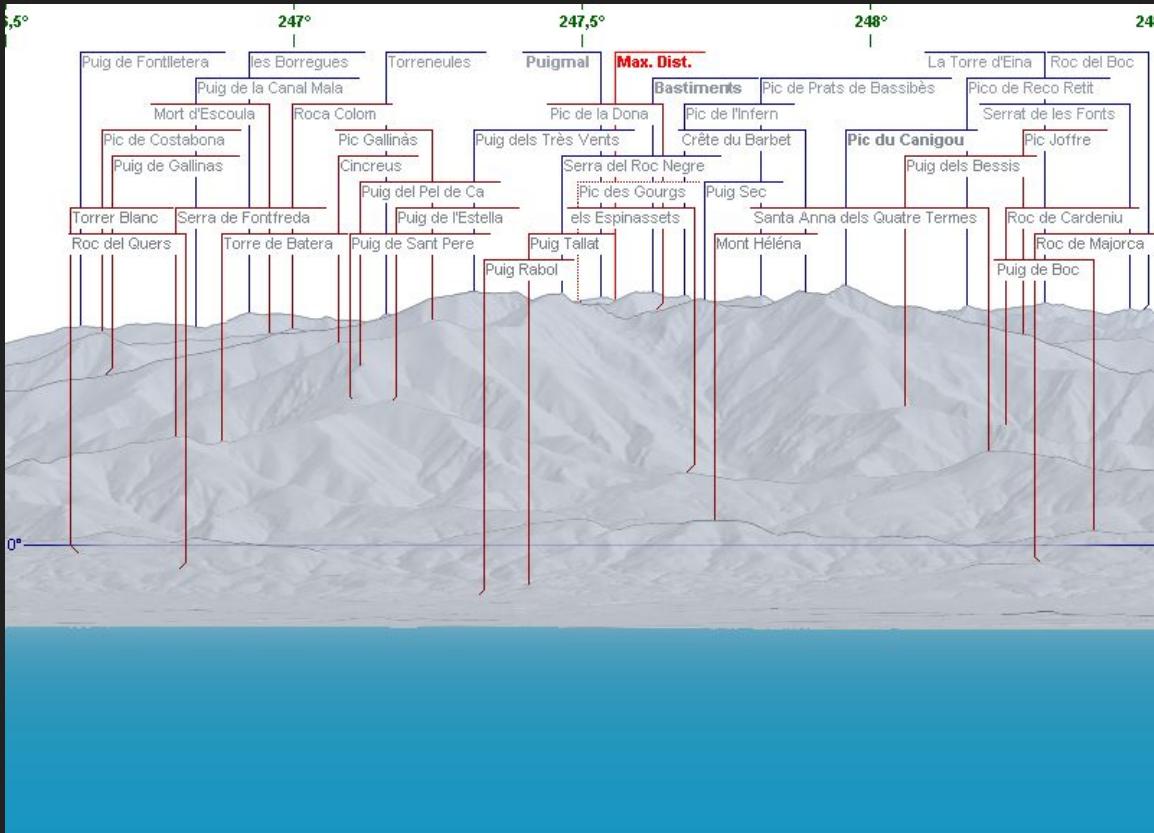
Flat Earth prediction:

<https://www.udeuschle.de/>

From Ulrich Deuschle

Flat Earth Prediction no refraction

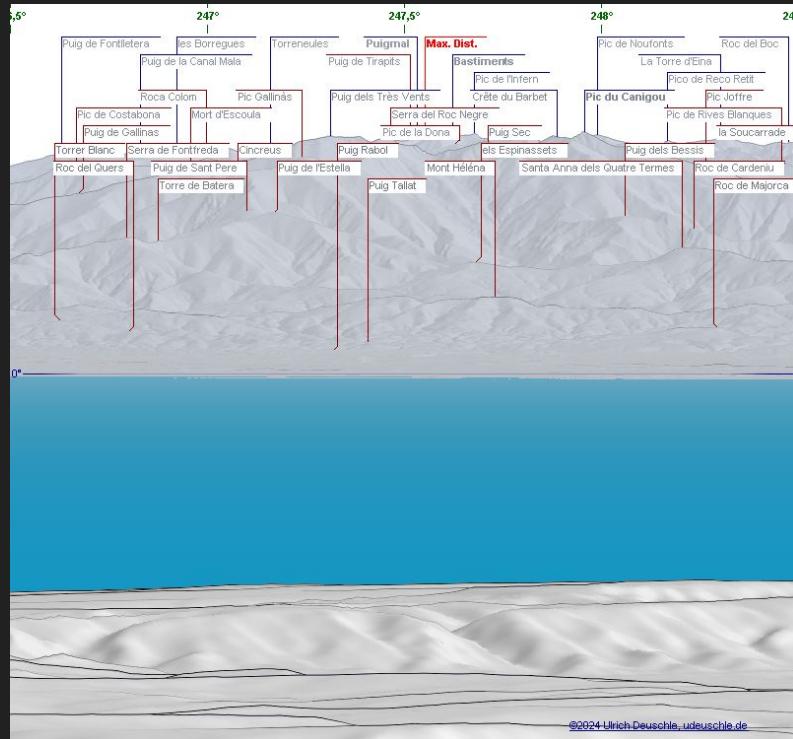
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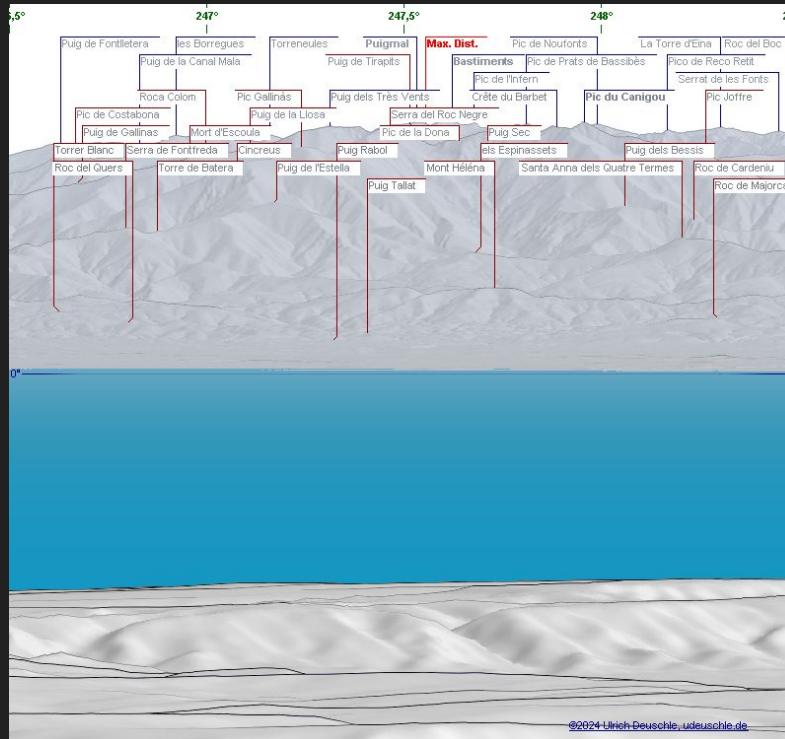
Flat Earth
with refraction MCToon Globe/Flat Presentation



$k = +0.13$ refraction

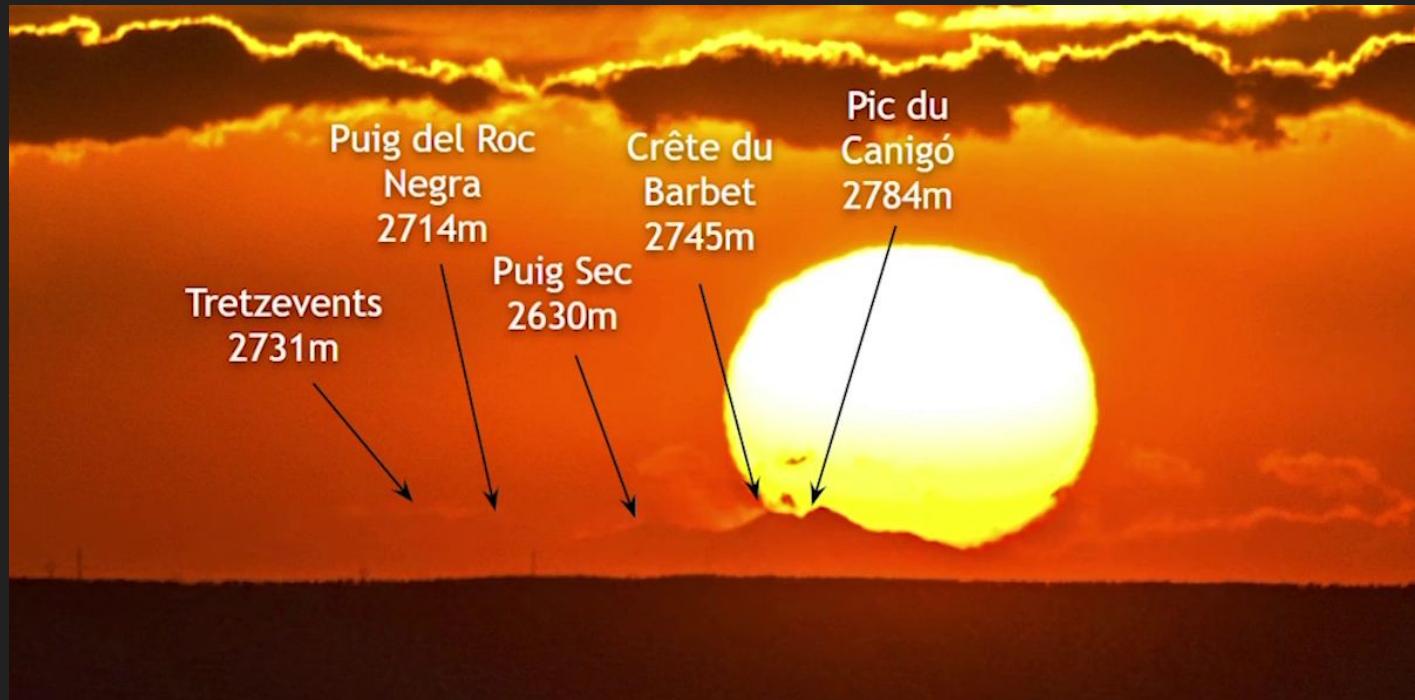


$k = +0.15$ refraction



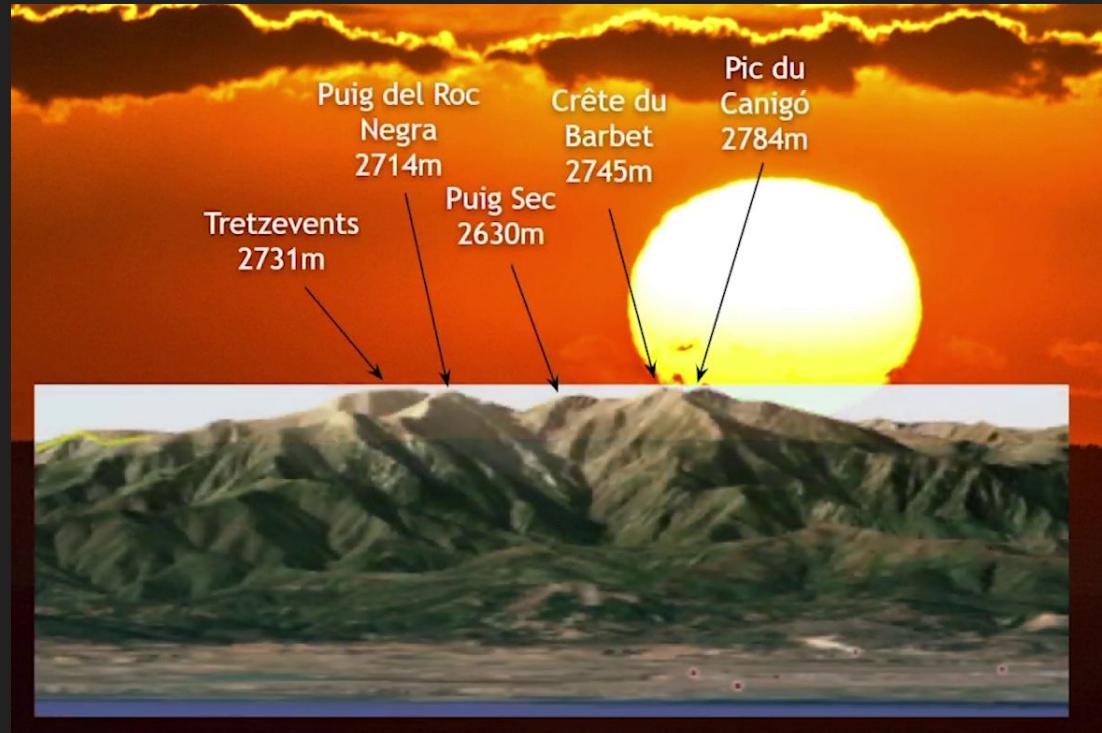
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How much is obstructed?



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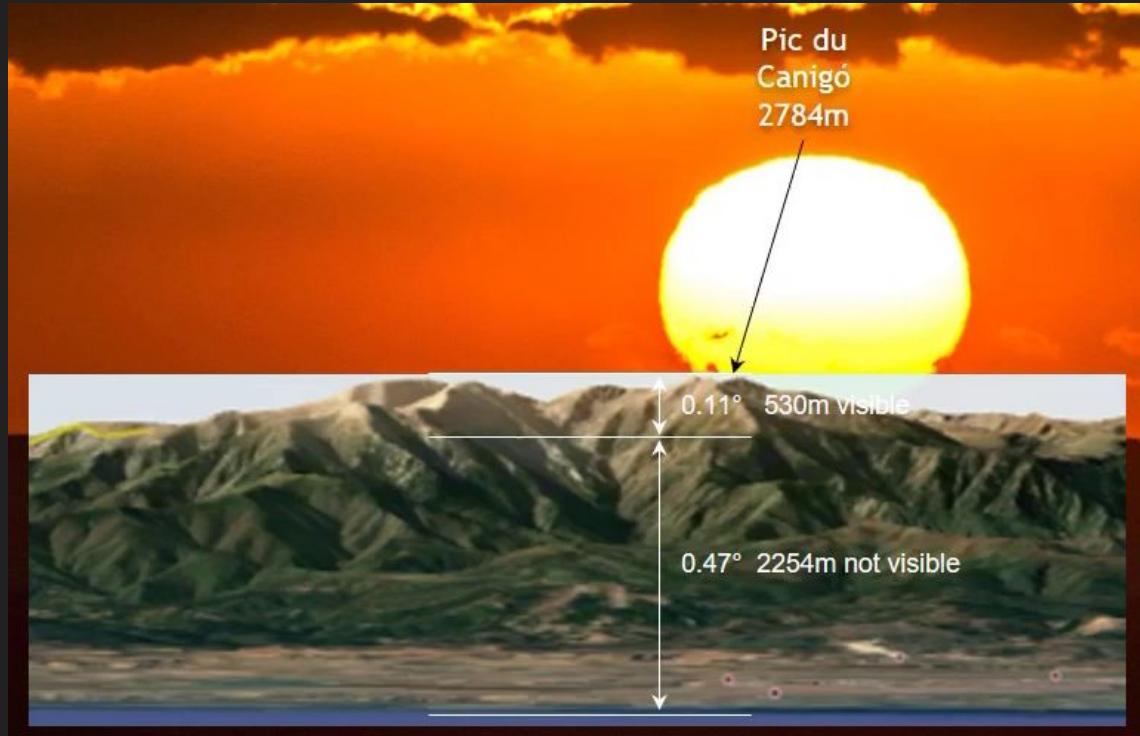
How much is obstructed?





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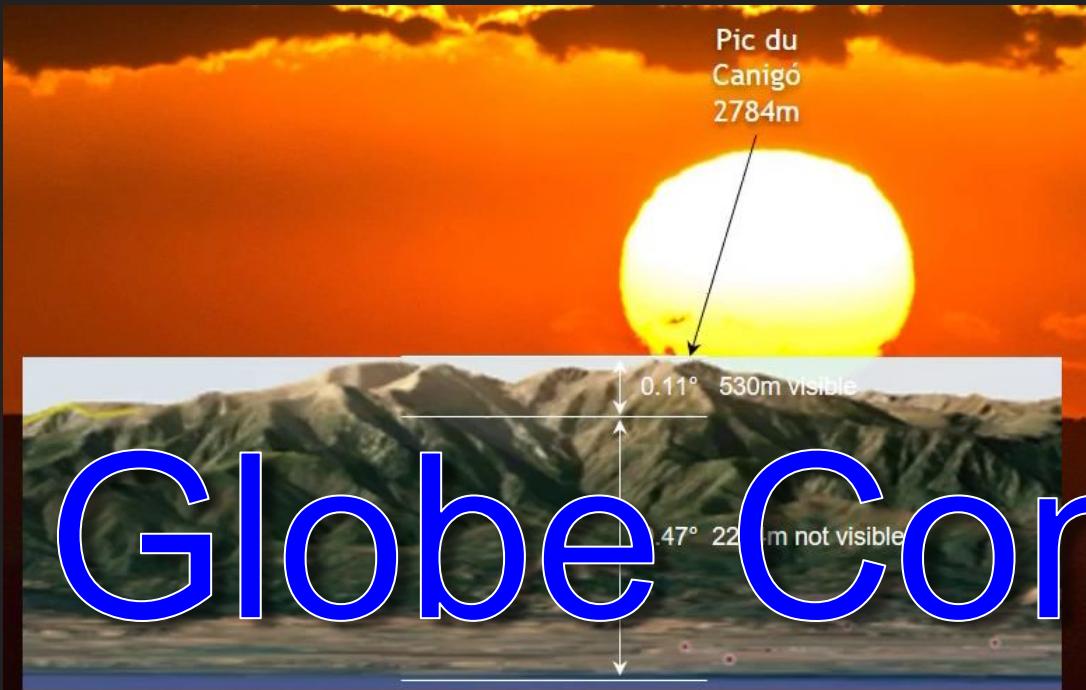
How much is obstructed?



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Globe comparison



471.9m to 551.4m predicted
Globe confirmed

Target 1 Visible = 471.9 m; Hidden = 2,312 m
Size = 2,784 m; Angular Size = 0.577752°
Drop = 5,201 m; Drop Angle = 1.07973°
Top Angle = -0.621944°; Tilt = 2.15945°

Target 1 Visible = 551.4 m; Hidden = 2,233 m
Size = 2,784 m; Angular Size = 0.577188°
Drop = 5,001 m; Drop Angle = 1.05490°
Top Angle = -0.557117°; Tilt = 2.10551°

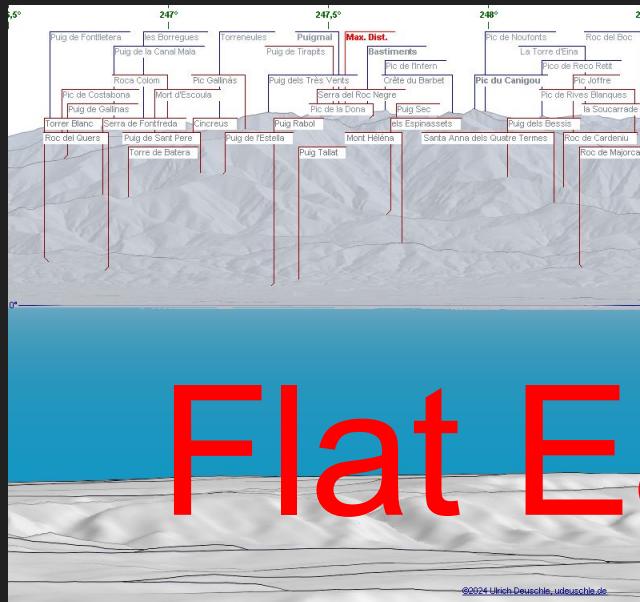
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Flat earth comparison

Prediction

Observation



Flat Earth Falsified