http://eclipse.gsfc.nasa.gov/SEgoogle/SEgoogle2001/SE2013Nov03Hgoogle.html

Google

NASA – Total Solar Eclipse of 20...   +

This map shows the path of the Total Solar Eclipse of 2013 Nov 03 . The northern and southern path limits are blue and the central line is red. The yellow lines crossing the path indicate the position of maximum eclipse at 1- minute intervals. The four-way toggle arrows (upper left corner) are for navigating around the map. The zoom bar (left edge) is used to change the magnification. The three buttons (top right) turn on either a map view, a satellite view or a hybrid map/satellite view.

| Map | Satellite | Hybrid |

e q u a t o r

proposal to observe the total solar eclipse of 2013 November 3 Sunday afternoon by large speedboat out of Cape Lopez, Gabon

another option is Nyonié beach/eco lodge area accessible by boat, then jeep, from Libreville – but dirt/mud road goes no further south so need boats, coming from Libreville or from Port Gentil anyway, to get from there to totality – could be more expensive and logistically more challenging? than basing in Port Gentil itself with all the resources available there

13:50:00 UT = 2:50pm Gabon local time

0m30s

1m00s

1m05s

anywhere in this zone gets 1 minute or more of totality, providing huge area for a 30-knots launch-type speedboat or sport fishing boat out of Cape Lopez to chase possible holes in clouds with complete two-dimensional mobility not having to stick to any roads, maybe even go to the Wonga Wongue shore for 1+ minutes on land, or just stay at Cape Lopez for 30 seconds on land if weather, unexpectedly, is good

1m11s

13:48:00 UT

13:49:00 UT

1m10s of totality

13:50:00 UT

1m09s

1m08.1s

1m05s

can go even considerably further west than this of course, if speedboat has fuel capacity

1m00s

Wonga Wongue Reserve

0m30s

Cape Lopez

sun direction 248°
elevation 48°

if seas do permit speedboat to travel 30 knots, from Cape Lopez north to one-minute zone should only take about fifteen minutes, to centerline only about half an hour, or to centerline at Wonga Wongue shore only about an hour and fifteen minutes

Cape Lopez Bay

Bay of Nazare

airport

Port Gentil

G A B O N

advantages of Cape Lopez are that it's adjacent to Port Gentil, second largest city in Gabon with lots of hotels, boats, supplies, etc.; airport is right there in case some eflight option becomes available well in advance or even at the last minute; several flights daily to Port Gentil from Libreville's international airport; boat starting at Wonga Wongue shore by way of Nyonié can *only* go west whereas boat starting at Cape Lopez can go *either east or west* – crucial to have absolute maximum mobility to the hilt since weather prospects are so poor for Gabon in November – note also that well to the west, cloudiness does tend to become *slightly* less, per Jay Anderson at http://home.cc.umanitoba.ca/~jander/tot2013/cloud2.png

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10 mi
10 km

Done