

# Partial Solar Eclipse of 2025 Mar 29

Greatest Eclipse = 10:48:36.1 TT (= 10:47:26.9 UTC)

Eclipse Magnitude = 0.9376  
Gamma = 1.0405

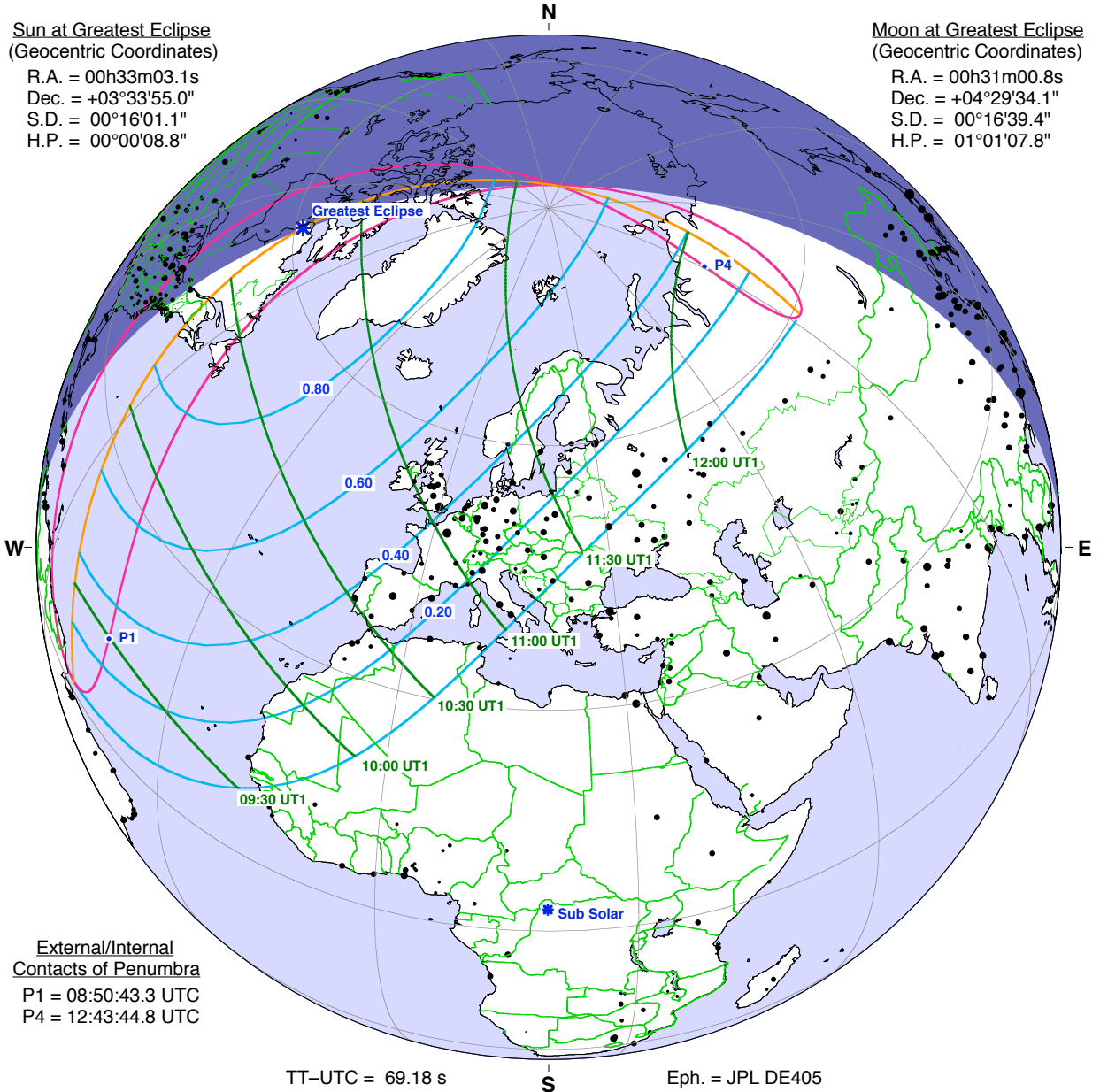
Saros Series = 149  
Saros Member = 21 of 71

**Sun at Greatest Eclipse**  
(Geocentric Coordinates)

R.A. = 00h33m03.1s  
Dec. = +03°33'55.0"  
S.D. = 00°16'01.1"  
H.P. = 00°00'08.8"

**Moon at Greatest Eclipse**  
(Geocentric Coordinates)

R.A. = 00h31m00.8s  
Dec. = +04°29'34.1"  
S.D. = 00°16'39.4"  
H.P. = 01°01'07.8"



**External/Internal**  
**Contacts of Penumbra**

P1 = 08:50:43.3 UTC  
P4 = 12:43:44.8 UTC

TT-UTC = 69.18 s

S

Eph. = JPL DE405

**Circumstances at Greatest Eclipse: 10:47:26.9 UTC**

Lat. = 61°06.0'N      Sun Alt. = 0.0°  
Long. = 077°05.1'W      Sun Azm. = 82.6°

©2022 F. Espenak  
[www.EclipseWise.com](http://www.EclipseWise.com)

