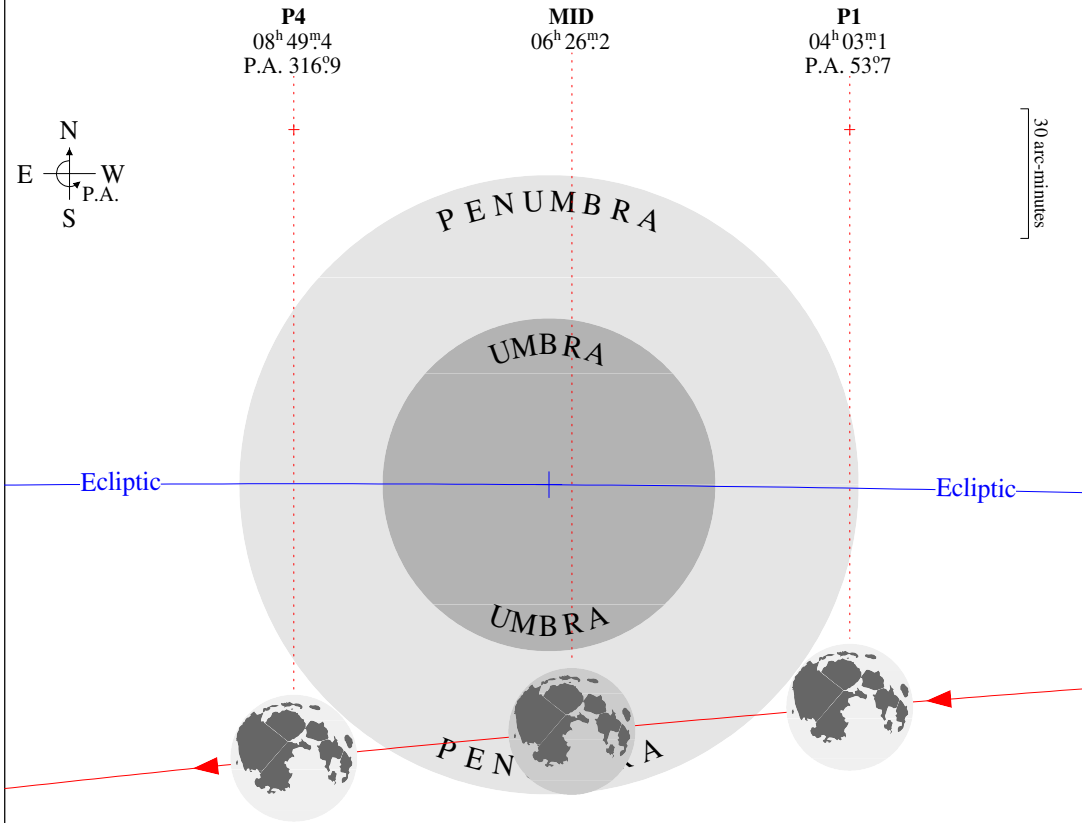


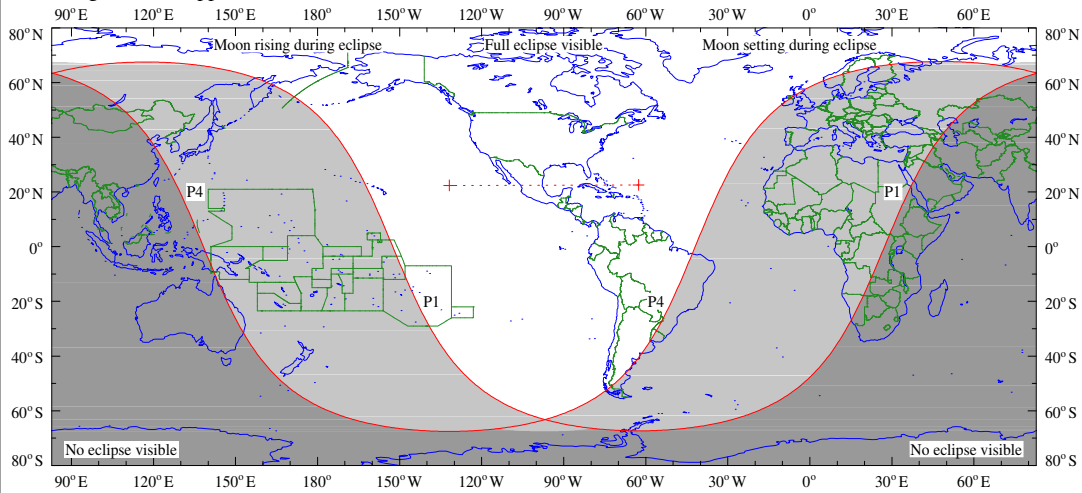
# V. - Penumbral Eclipse of the Moon

2048 December 20



UT of geocentric opposition in RA: December 20<sup>d</sup> 6<sup>h</sup> 37<sup>m</sup> 57.492

Penumbral magnitude of the eclipse: 0.988



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Areas of visibility of the eclipse at different stages

ΔT = +92.9