

Partial Lunar Eclipse of 1954 Jul 16

Ecliptic Conjunction = 00:29:32.0 TD (= 00:29:01.1 UT)

Greatest Eclipse = 00:20:51.3 TD (= 00:20:20.4 UT)

Penumbral Magnitude = 1.4202

P. Radius = 1.2226°

Gamma = 0.7876

Umbral Magnitude = 0.4054

U. Radius = 0.6981°

Axis = 0.7470°

Saros Series = 138

Member = 26 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h39m05.3s

Dec. = +21°29'36.6"

S.D. = 00°15'44.2"

H.P. = 00°00'08.7"

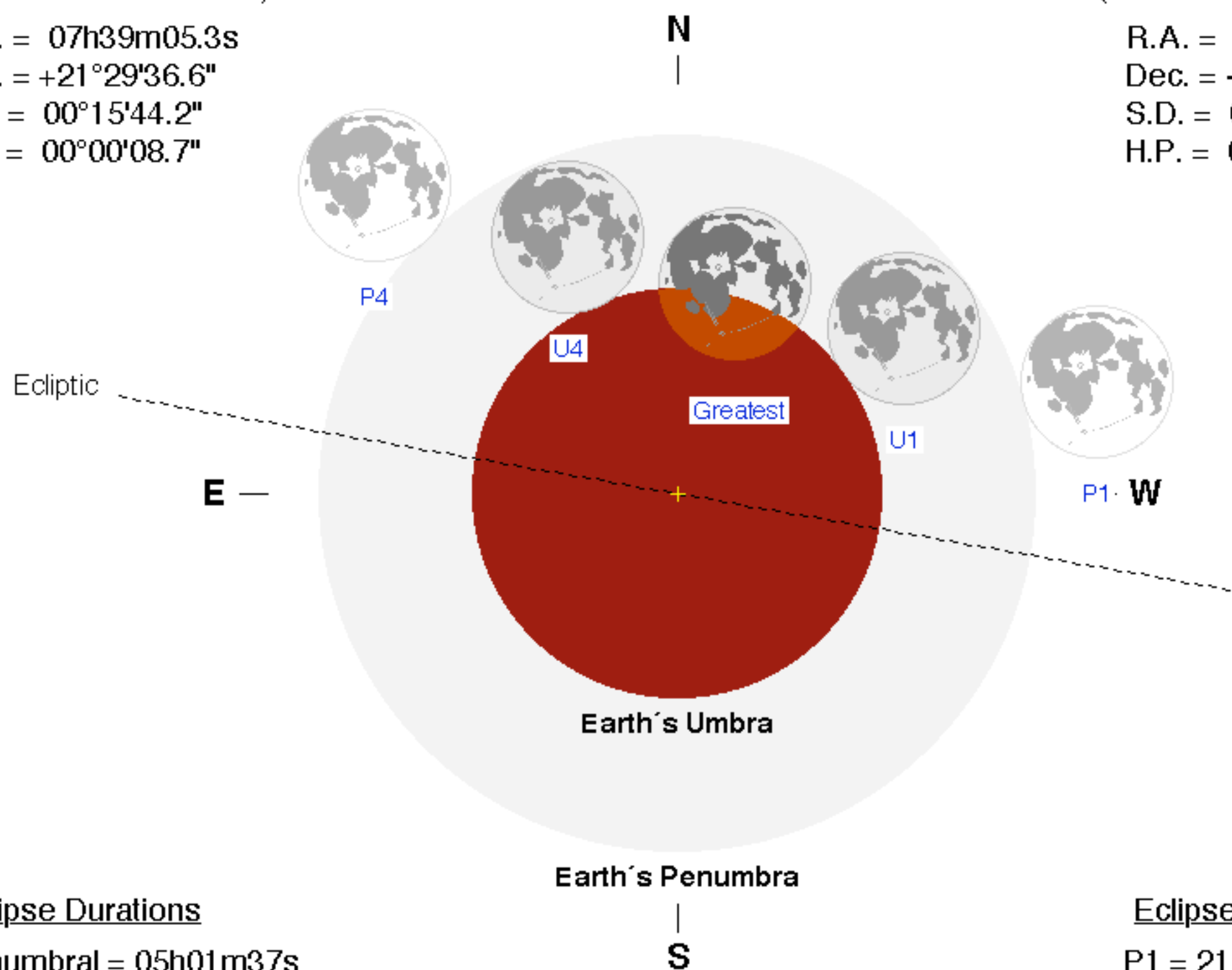
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h38m14.9s

Dec. = -20°46'21.3"

S.D. = 00°15'30.4"

H.P. = 00°56'54.4"



Eclipse Durations

Penumbral = 05h01m37s

Umbral = 02h20m55s

Eclipse Contacts

P1 = 21:49:33 UT

U1 = 23:09:58 UT

U4 = 01:30:53 UT

P4 = 02:51:10 UT

$\Delta T = 31$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

