

Partial Lunar Eclipse of 1916 Jan 20

Ecliptic Conjunction = 08:28:53.4 TD (= 08:28:35.1 UT)

Greatest Eclipse = 08:39:40.7 TD (= 08:39:22.4 UT)

Penumbral Magnitude = 1.2277

P. Radius = 1.1904°

Gamma = 0.9146

Umbral Magnitude = 0.1327

U. Radius = 0.6486°

Axis = 0.8303°

Saros Series = 113 Member = 58 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h04m27.0s

Dec. = -20°22'31.4"

S.D. = 00°16'15.3"

H.P. = 00°00'08.9"

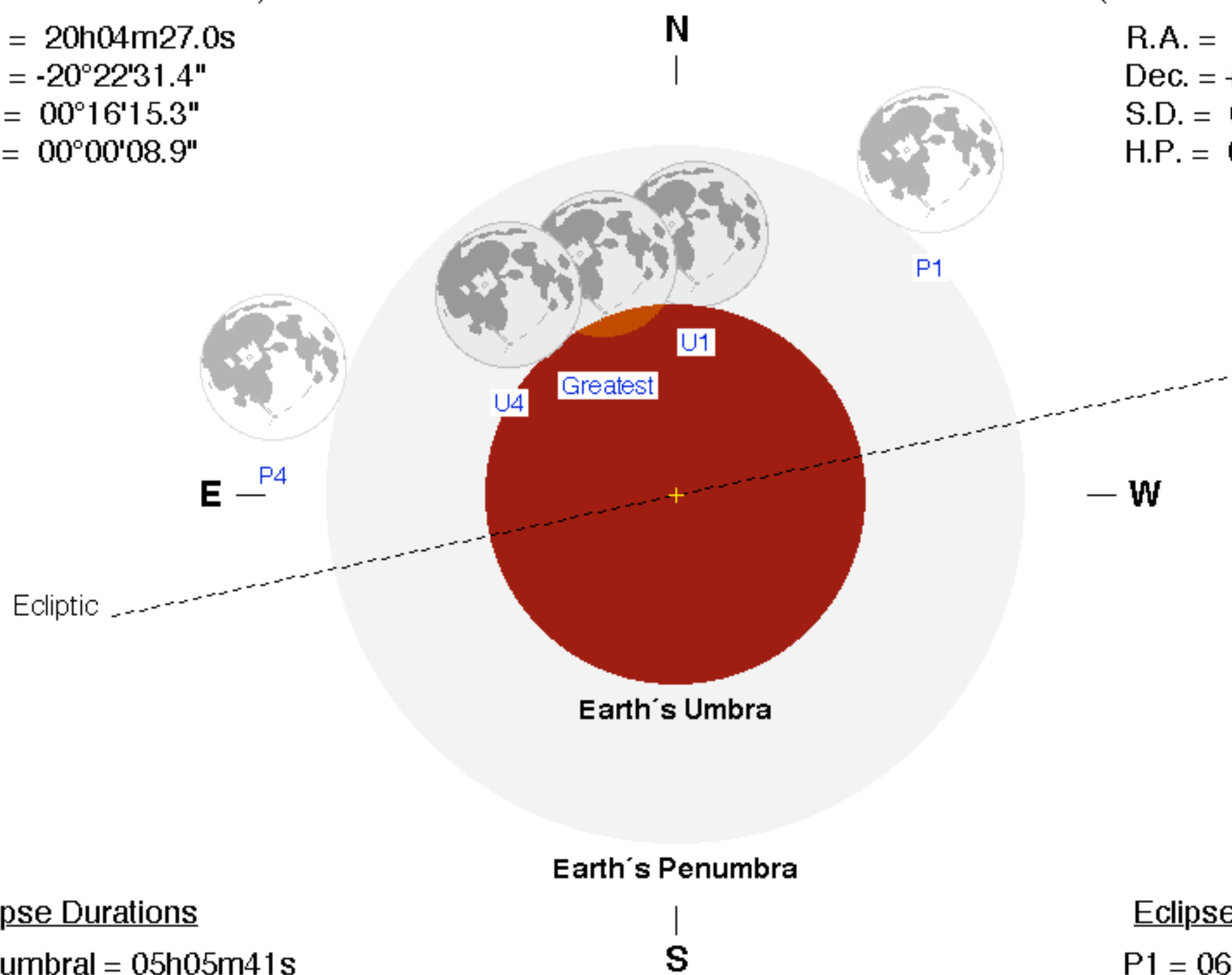
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h05m31.5s

Dec. = +21°10'00.6"

S.D. = 00°14'50.6"

H.P. = 00°54'28.5"



Eclipse Durations

Penumbral = 05h05m41s

Umbral = 01h27m40s

Eclipse Contacts

P1 = 06:06:32 UT

U1 = 07:55:36 UT

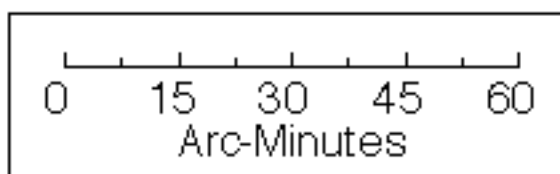
U4 = 09:23:16 UT

P4 = 11:12:12 UT

$\Delta T = 18$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

