

Total Lunar Eclipse of 1924 Feb 20

Ecliptic Conjunction = 16:07:26.6 TD (= 16:07:03.1 UT)

Greatest Eclipse = 16:08:55.0 TD (= 16:08:31.4 UT)

Penumbral Magnitude = 2.6256

P. Radius = 1.2458°

Gamma = -0.1338

Umbral Magnitude = 1.5995

U. Radius = 0.7066°

Axis = 0.1290°

Saros Series = 122

Member = 51 of 75

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h11m17.6s

Dec. = -11°12'16.8"

S.D. = 00°16'10.5"

H.P. = 00°00'08.9"

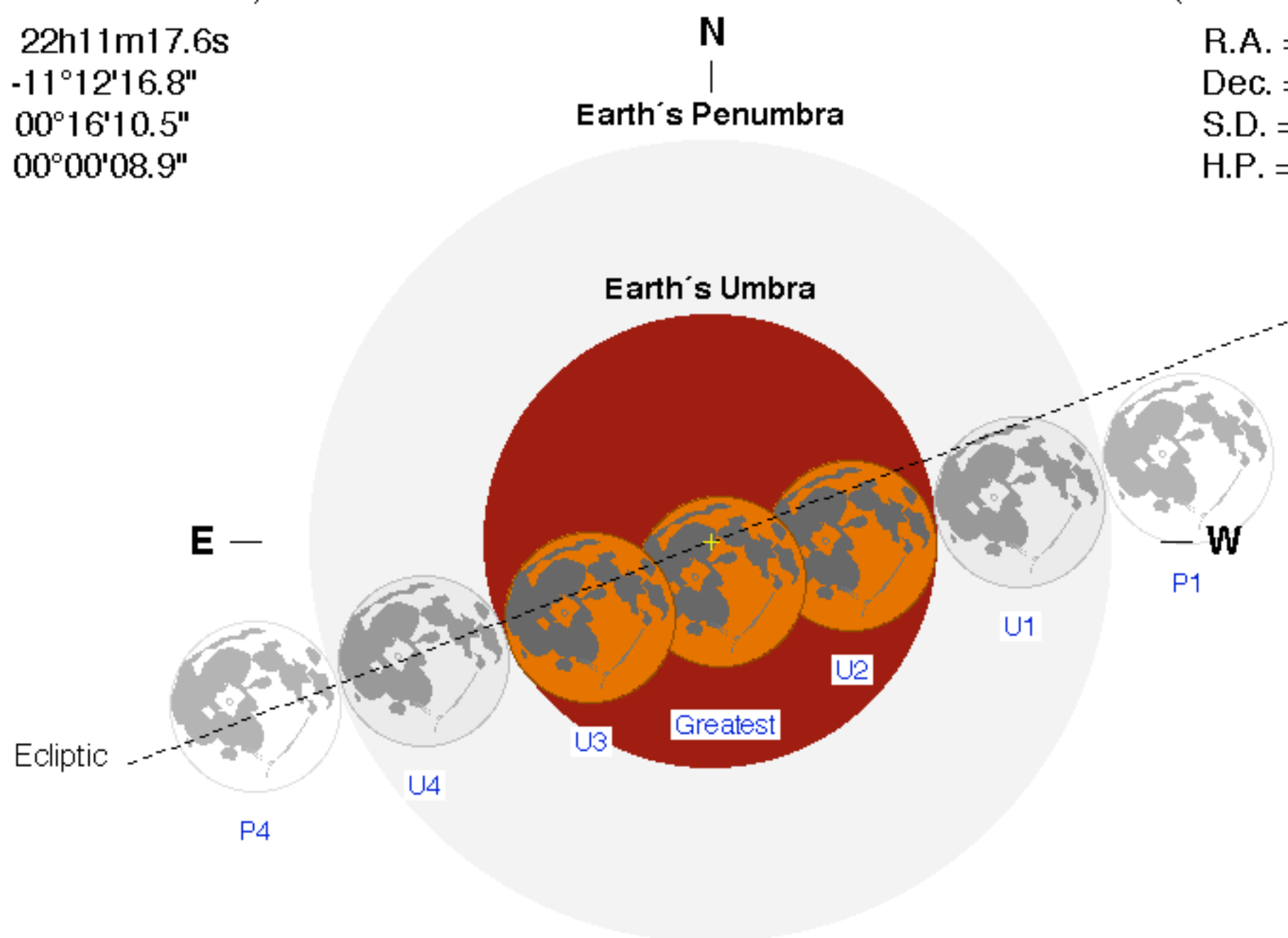
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h11m09.4s

Dec. = +11°04'48.3"

S.D. = 00°15'45.7"

H.P. = 00°57'50.8"



Eclipse Durations

Penumbral = 05h43m37s

Umbral = 03h39m40s

Total = 01h37m08s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 13:16:40 UT

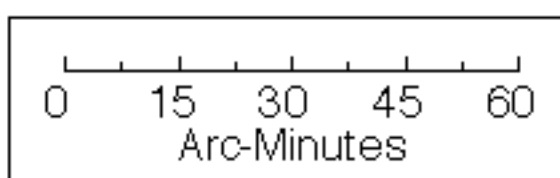
U1 = 14:18:42 UT

U2 = 15:19:58 UT

U3 = 16:57:06 UT

U4 = 17:58:23 UT

P4 = 19:00:17 UT



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

