

Partial Lunar Eclipse of 1934 Jan 30

Ecliptic Conjunction = 16:31:46.3 TD (= 16:31:22.4 UT)

Greatest Eclipse = 16:42:42.1 TD (= 16:42:18.2 UT)

Penumbral Magnitude = 1.2073

P. Radius = 1.1887°

Gamma = 0.9258

Umbral Magnitude = 0.1120

U. Radius = 0.6476°

Axis = 0.8393°

Saros Series = 113 Member = 59 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h50m17.7s

Dec. = -17°42'54.7"

S.D. = 00°16'14.0"

H.P. = 00°00'08.9"

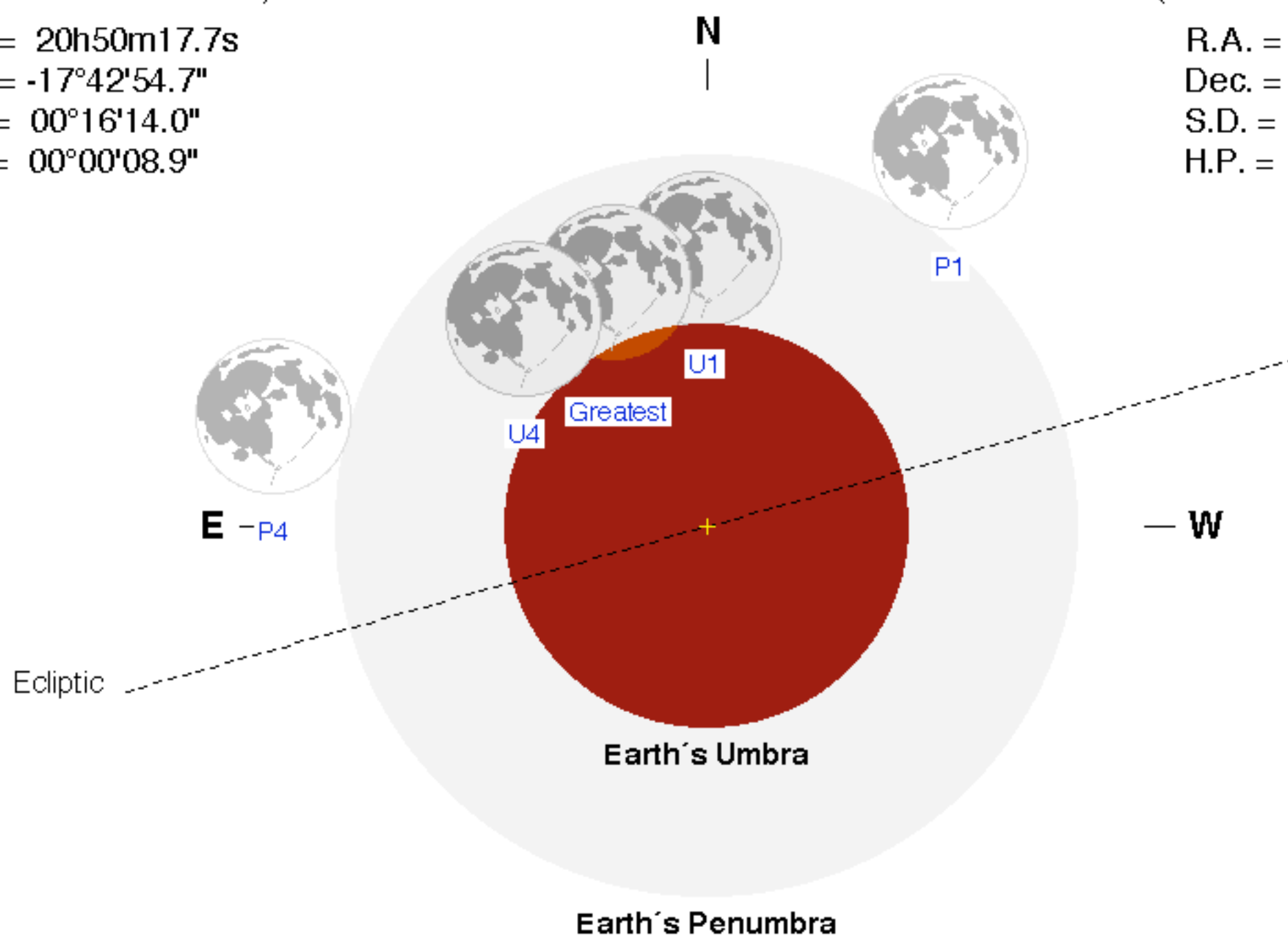
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h51m34.9s

Dec. = +18°29'48.5"

S.D. = 00°14'49.3"

H.P. = 00°54'23.7"



Eclipse Durations

Penumbral = 05h04m16s

Umbral = 01h20m55s

Eclipse Contacts

P1 = 14:10:10 UT

U1 = 16:01:54 UT

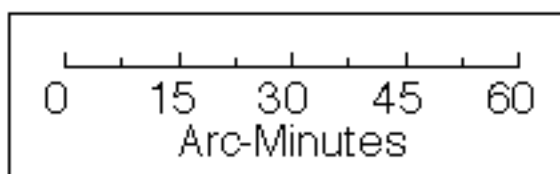
U4 = 17:22:49 UT

P4 = 19:14:26 UT

$\Delta T = 24 \text{ s}$

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

