

# Total Lunar Eclipse of 1946 Jun 14

Ecliptic Conjunction = 18:42:03.3 TD (= 18:41:35.8 UT)

Greatest Eclipse = 18:39:17.0 TD (= 18:38:49.4 UT)

Penumbral Magnitude = 2.4654

P. Radius = 1.1765°

Gamma = -0.2324

Umbral Magnitude = 1.3983

U. Radius = 0.6516°

Axis = 0.2097°

Saros Series = 129

Member = 34 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h29m50.7s

Dec. = +23°15'55.5"

S.D. = 00°15'44.7"

H.P. = 00°00'08.7"

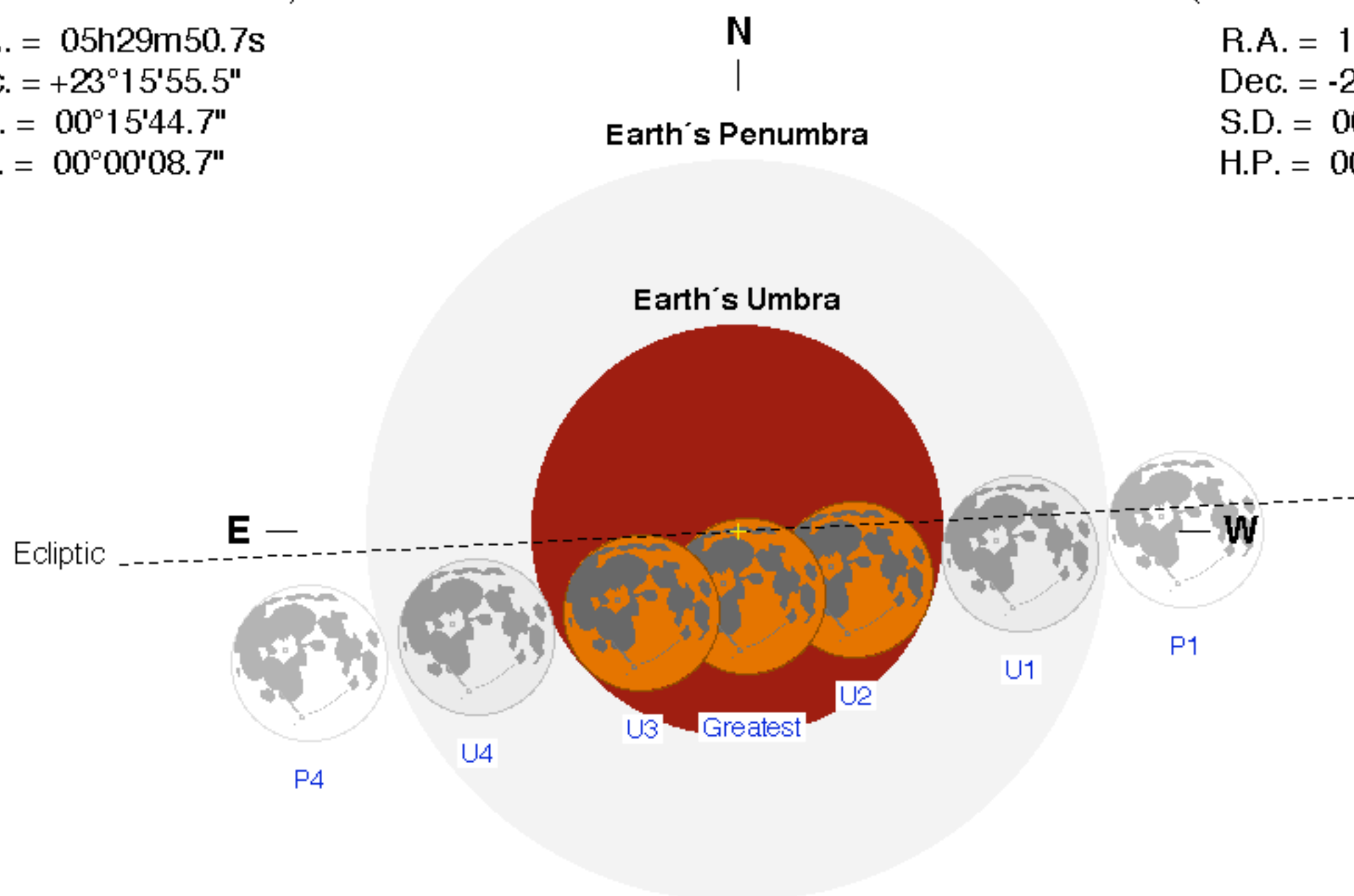
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h29m42.4s

Dec. = -23°28'21.7"

S.D. = 00°14'45.4"

H.P. = 00°54'09.4"



## Eclipse Durations

Penumbral = 06h09m12s

Umbral = 03h49m03s

Total = 01h31m09s

$\Delta T = 28$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 15:34:13 UT

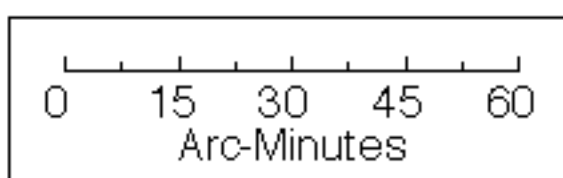
U1 = 16:44:19 UT

U2 = 17:53:16 UT

U3 = 19:24:24 UT

U4 = 20:33:21 UT

P4 = 21:43:24 UT



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eclipse.gsfc.nasa.gov/eclipse.html

