

# Partial Lunar Eclipse of 1943 Feb 20

Ecliptic Conjunction = 05:45:09.6 TD (= 05:44:43.6 UT)

Greatest Eclipse = 05:38:22.7 TD (= 05:37:56.8 UT)

Penumbral Magnitude = 1.8444

P. Radius = 1.1949°

Gamma = 0.5751

Umbral Magnitude = 0.7616

U. Radius = 0.6557°

Axis = 0.5255°

Saros Series = 132      Member = 26 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h11m04.8s

Dec. = -11°13'23.9"

S.D. = 00°16'10.5"

H.P. = 00°00'08.9"

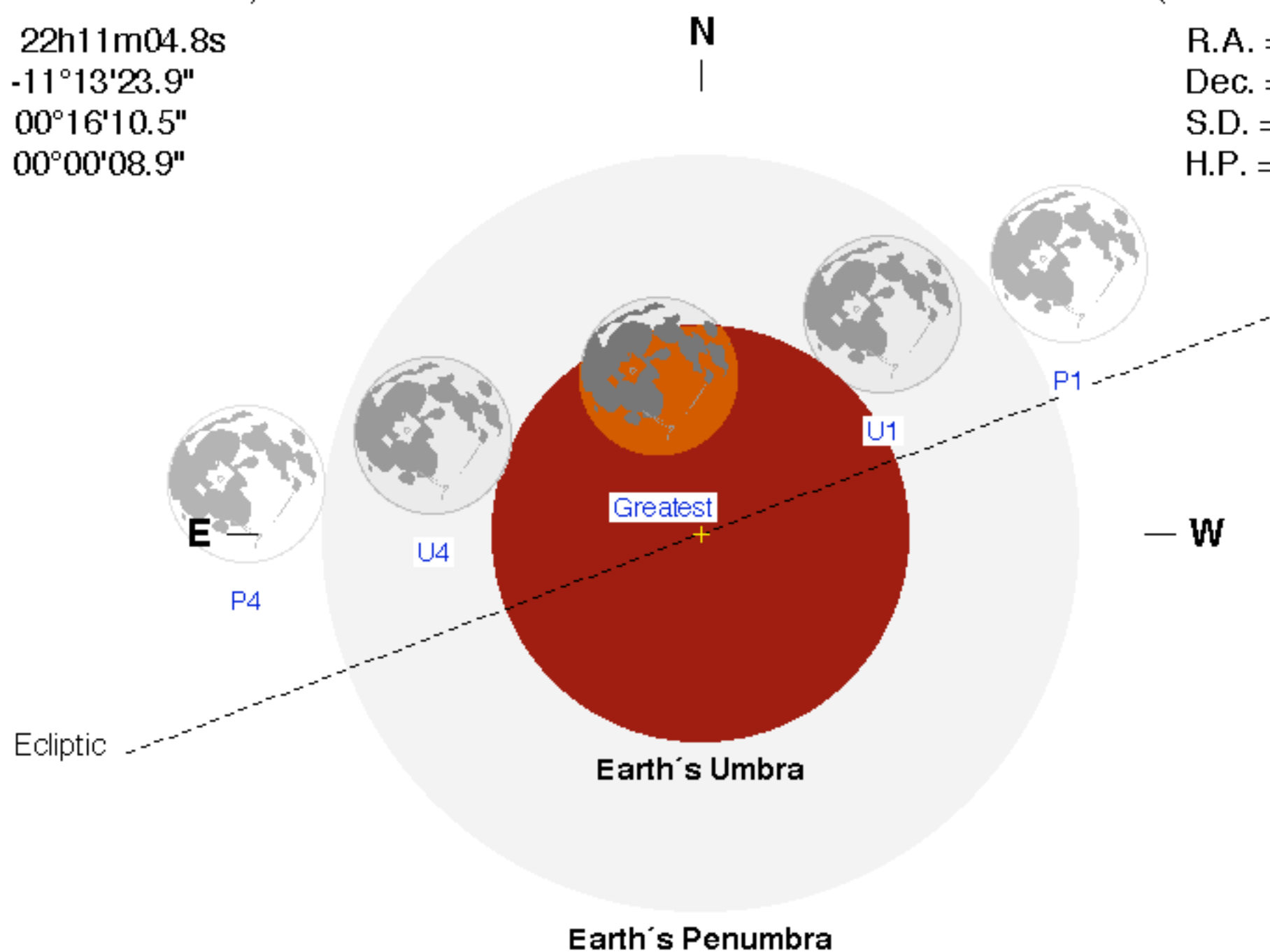
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h11m38.1s

Dec. = +11°43'51.2"

S.D. = 00°14'56.2"

H.P. = 00°54'49.3"



## Eclipse Durations

Penumbral = 05h45m08s

Umbral = 03h09m01s

$\Delta T = 26$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 02:45:21 UT

U1 = 04:03:28 UT

U4 = 07:12:29 UT

P4 = 08:30:29 UT

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

