



Sri Lakshmi Temple

117 Waverly Street, Ashland, MA 01721
Phone: 508-881-5775 Web: www.SriLakshmi.org

Temple open from 2 pm to 6 pm on Sunday 1/20/2019
(Subject to weather condition – Check our [website](http://www.SriLakshmi.org) for latest timings)

Due to inclement weather, Satyanarayana Puja has been rescheduled to
6 PM on Monday 1/21/2019

LUNAR ECLIPSE ON SUNDAY 1/20/2019

Total Lunar Eclipse, in Boston

Begins: Sun, Jan 20, 2019 at 9:36 pm

Maximum: Mon, Jan 21, 2019 at
12:12 am 1.20 Magnitude

Ends: Mon, Jan 21, 2019 at 2:48 am

Duration: 5 hours, 12 minutes

Source: (Nasa)

<https://eclipse.gsfc.nasa.gov/LEplot/LEplot2001/LE2019Jan21T.pdf>

**Call Temple office at
508-881-5775
for more details**

Total Lunar Eclipse of 2019 Jan 21

Ecliptic Conjunction = 05:17:14.0 TD (= 05:16:03.0 UT)

Greatest Eclipse = 05:13:27.1 TD (= 05:12:16.0 UT)

Penumbral Magnitude = 2.1684

P. Radius = 1.3052°

Gamma = 0.3684

Umbral Magnitude = 1.1953

U. Radius = 0.7634°

Axis = 0.3763°

Saros Series = 134

Member = 27 of 73

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 20h12m17.2s

Dec. = -19°57'48.0"

S.D. = 00°16'15.2"

H.P. = 00°00'08.9"

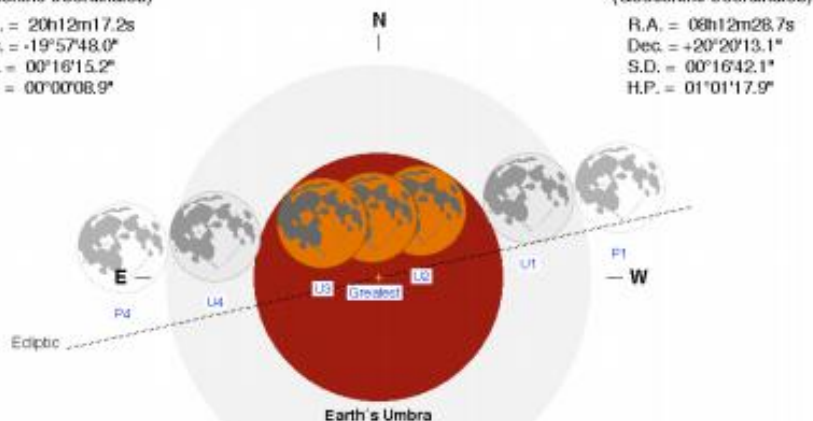
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 08h12m28.7s

Dec. = +20°20'13.1"

S.D. = 00°16'42.1"

H.P. = 01°01'17.9"



Eclipse Durations

Penumbral = 05h11m30s

Umbral = 03h16m45s

Total = 01h01m59s

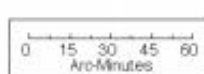
ΔT = 71 s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Earth's Penumra

S



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

Eclipse Contacts

P1 = 02:36:30 UT

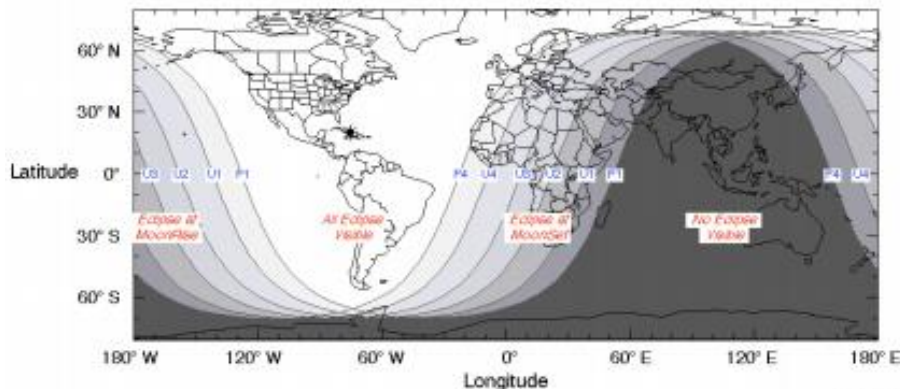
U1 = 03:33:54 UT

U2 = 04:41:17 UT

U3 = 05:43:16 UT

U4 = 06:50:29 UT

P4 = 07:48:00 UT



2009 Apr 29