

Figure 1-1 - Key to Eclipse Maps

Type of Eclipse →
(Partial, Annular, Total, or Hybrid)

Saros Series ↗

Northern Limit of Penumbra
(Partial Eclipse)

Eclipse Ends At Sunrise
Maximum Eclipse At Sunrise
Eclipse Begins At Sunrise

Southern Limit of Penumbra
(Partial Eclipse)

Path of Total Eclipse
(or Annular Eclipse)

Gamma →

Total
Saros 145

2017 Aug 21
18:27 TD

← **Calendar Date**
Gregorian Calendar
(Julian Calendar before 1582 Oct 14)

↖ **Greatest Eclipse**
(Terrestrial Dynamical Time)

Point of Greatest Eclipse

Eclipse Magnitude of 0.5
(dotted curves)

Eclipse Begins At Sunset
Maximum Eclipse At Sunset
Eclipse Ends At Sunset

Sub-Solar Point

← **Altitude of Sun**
← **Duration of Central Eclipse**
(for Annular or Total Eclipses)

[or Eclipse Magnitude]
(for Partial Eclipses)

Gam. = 0.4367

Alt. = 64°
Dur. = 02m40s

