

Total Solar Eclipse of July 22, 2009

Detail: Longitude 178 E to 180

Map prepared by Michael Zeiler (mzeiler@esri.com)
Produced with ESRI ArcMap software using world shaded relief data from www.esri.com/arcgisonline
Eclipse path calculations by Fred Espanek, NASA Goddard Space Flight Center (www.msclipse.com)
Grid points for for lines of equal duration calculated by Bill Kramer (www.eclipse-chasers.com)
Map projection is World Cylindrical Equal Area on WGS 1984 Spheroid

