Northward Equinox: Sunrise, Length of Daytime, Sunset vs. Latitude

March 20, 2006 at 18:17:28 UT, EoT -7.4', apparent solar noon at 94° 22' 5.3" W, sea level.

Analysis by Dr. Irv Bromberg, University of Toronto, Canada

http://www.sym454.org/seasons/
North Solstice: Sunrise, Length of Daytime, and Sunset vs. Latitude

June 21, 2006 at 12:23:34 UT, EoT -1.7', apparent solar noon at 5° 53' 33" W, sea level.
Southward Equinox: Sunrise, Length of Daytime, and Sunset vs. Latitude

September 23, 2006 at 04:10:39 UT, EoT +7.5', apparent solar noon at 117° 20' 16.8" E, sea level.

Sunrise Moment, Length of Daytime, Sunset Moment (hours)

Sunset Apparent Solar Time
Length of Daytime
Sunrise Apparent Solar Time

Latitude (>0° = Northern Hemisphere)
South Solstice: Sunrise, Length of Daytime, and Sunset vs. Latitude
December 22, 2006 at 00:23:15 UT, EoT +1.7', apparent solar noon at 174° 11' 13.1" E, sea level.

Sunset Moment, Length of Daytime, Sunset Moment (hours)
Sunset Apparent Solar Time
Length of Daytime
Sunrise Apparent Solar Time