

Time-keeping and Planning Observations

- Coordinates Questions and Review.
 - Universal Coordinated Time
 - Modified Julian Day (if there's time)
- Local Sidereal Time.
 - Determining sky positions
 - How does LST compare with local time?
- Units of Right Ascension and Hour Angle.
 - Why h:m:s is useful!

1

U.T.C



2-1

U.T.C



2-2

Wall clock (24-hour)



Start thinking in 24h cycles (not 12)!

3

Analemma

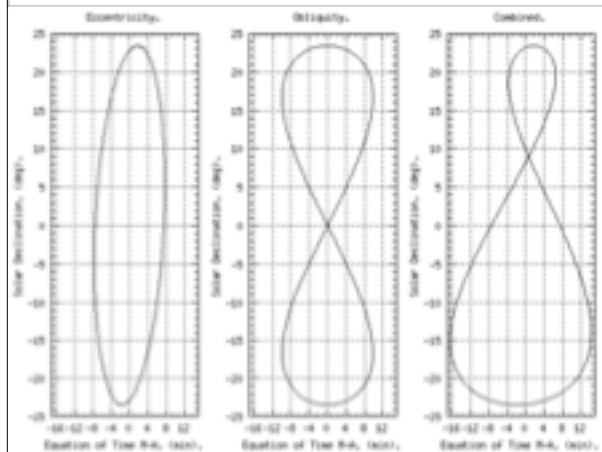
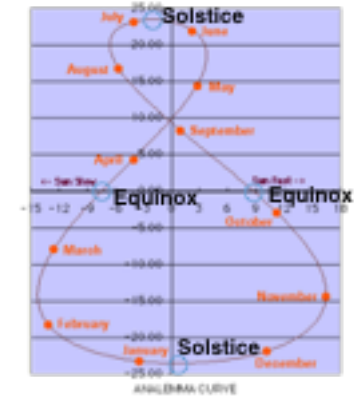


Photo every day at the same time throughout the year.

4

Analemma



Sometimes the Sun runs "fast," sometimes "slow" compared to meridian.

5

Note:

Read lecture notes on MJD. It's just a definition worth knowing.

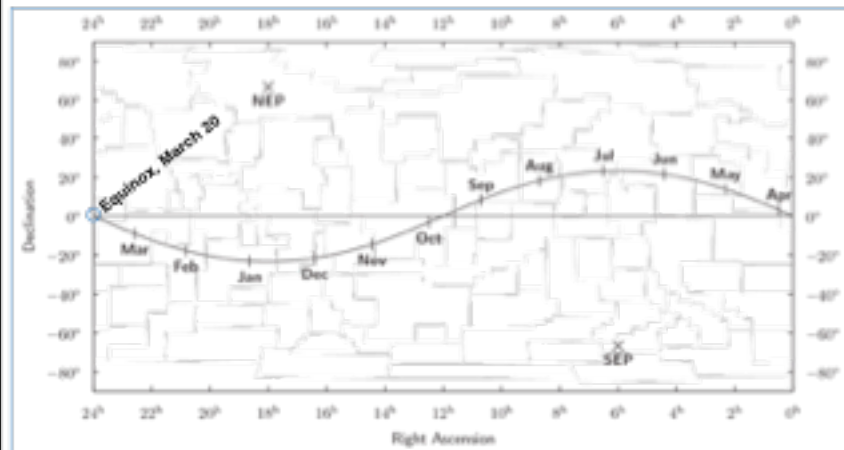
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7

RA and Dec over the year



8

Or do it the easy way.

<https://www.iiap.res.in/people/personnel/reks/software/javascript/calclst.php>

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