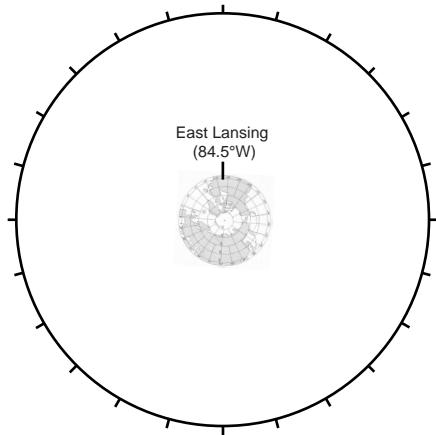


# AST101: Longitude Worksheet

Where's Vernal Equinox?

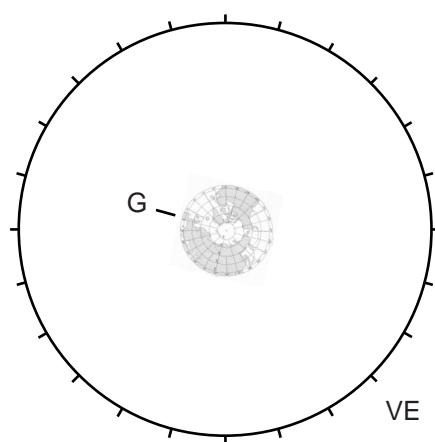
- 1) Sirius in transit (RA=7<sup>h</sup>)
- 2) LST = 20

Local  
Meridian



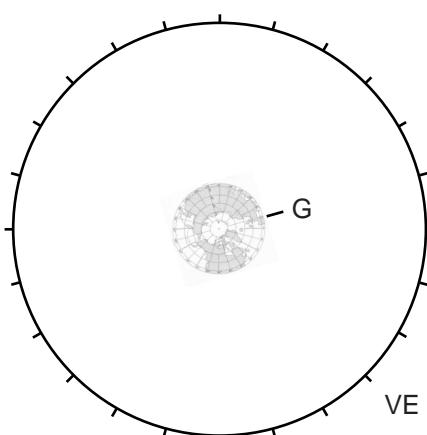
- 1) LST =
- 2) GST =
- 3) Long. =

LM



- 1) LST =
- 2) GST =
- 3) Long. =

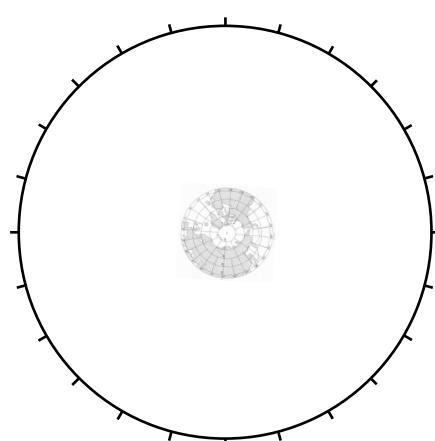
LM



Where's the sun?

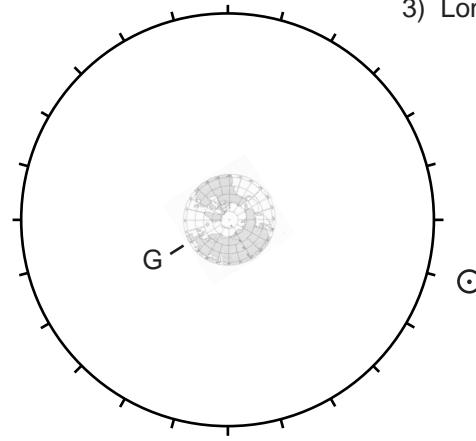
- 1) LMT = 12 noon
- 2) LMT = 5 am
- 3) LMT = 7 pm

LM



- 1) LMT =
- 2) GMT =
- 3) Long. =

LM



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