

Constellation Observing

Name _____

Winter/Spring

Circumpolar Constellations

Ursa Major
Ursa Minor
Cassiopeia

Important Stars

Big Dipper Asterism
Polaris

Winter Constellations

Orion
Taurus
Auriga
Perseus
Gemini
Canis Major
Canis Minor

Important Stars

Betelgeuse, Rigel, Belt & Sword
Aldebaran (+Pleiades)
Capella

Castor & Pollux
Sirius
Procyon

Spring Constellations

Leo
Virgo
Bootes
Scorpius
Lyra
Cygnus

Important Stars

Regulus
Spica
Arcturus
Antares
Vega
Deneb

Instructions:

- 1) Using the star charts provided, become acquainted with the shapes and relative locations of the visible constellations and bright stars. Assistance will be provided at the observatory on clear evenings.
- 2) After becoming familiar with the constellations, use the form provided to draw the constellations and bright stars visible on one.
- 3) Find an Observatory Assistant and demonstrate your knowledge by pointing out all the visible constellations. Once the Observatory Assistant is satisfied with your knowledge, have them sign and stamp your drawing.

To become adequately familiar with the night sky may require several nights of just "looking", so begin early. To get familiar with the constellations, it may help to spend some time away from bright lights. An Observatory Assistant can help point out the planets and make finding the constellations easier. You might also be able to notice the movement of the planets over several weeks.

W

Name _____

South

North

E

Date _____

TA signature _____

stamp

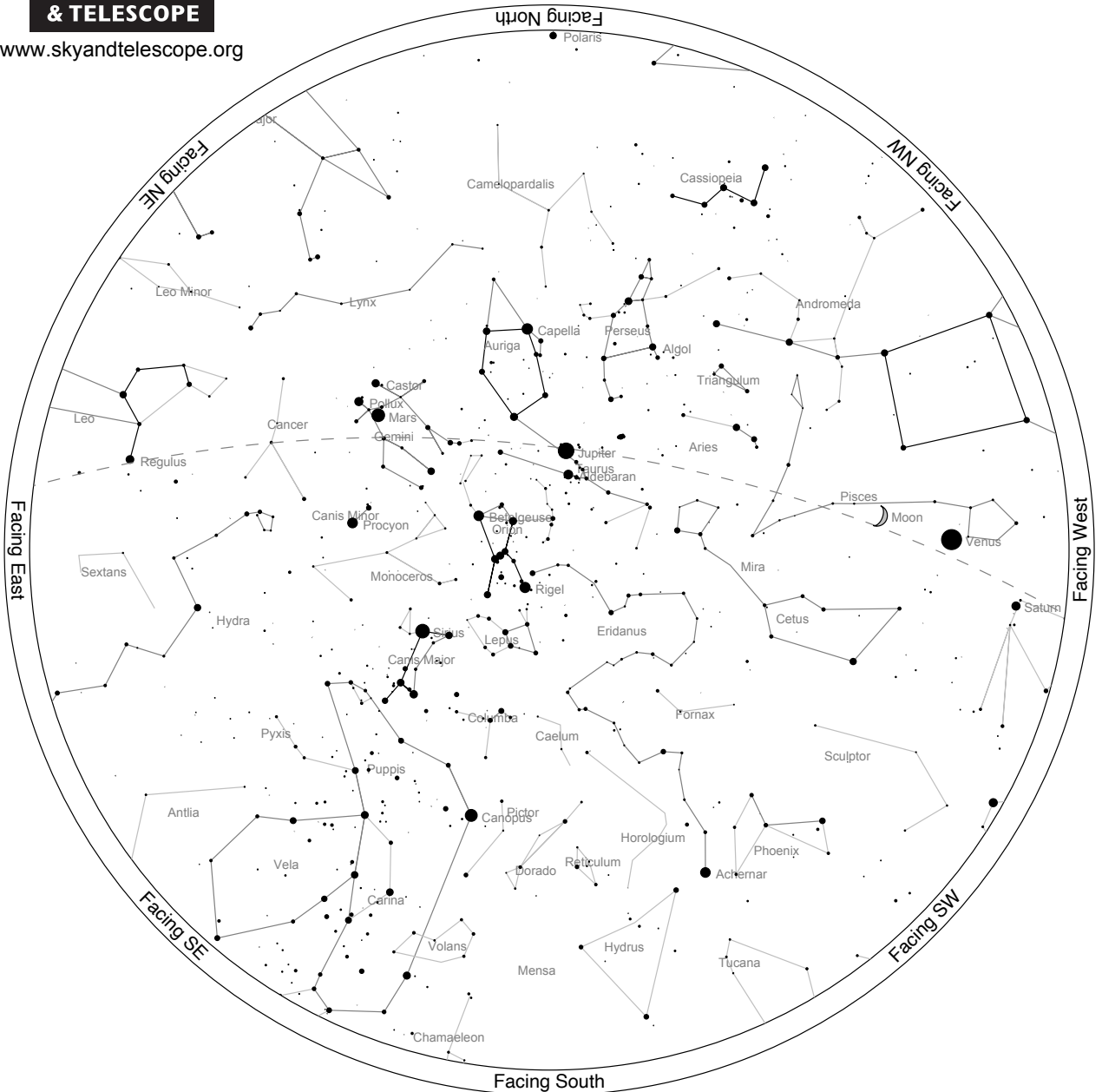
Observatory TA must check and sign the project

Feb 2025



www.skyandtelescope.org

Sky Chart



Location: unspecified
Latitude: 0° 00' S, longitude: 0° 00' W
Time: 2025 February 2, 20:00 (UTC +00:00)

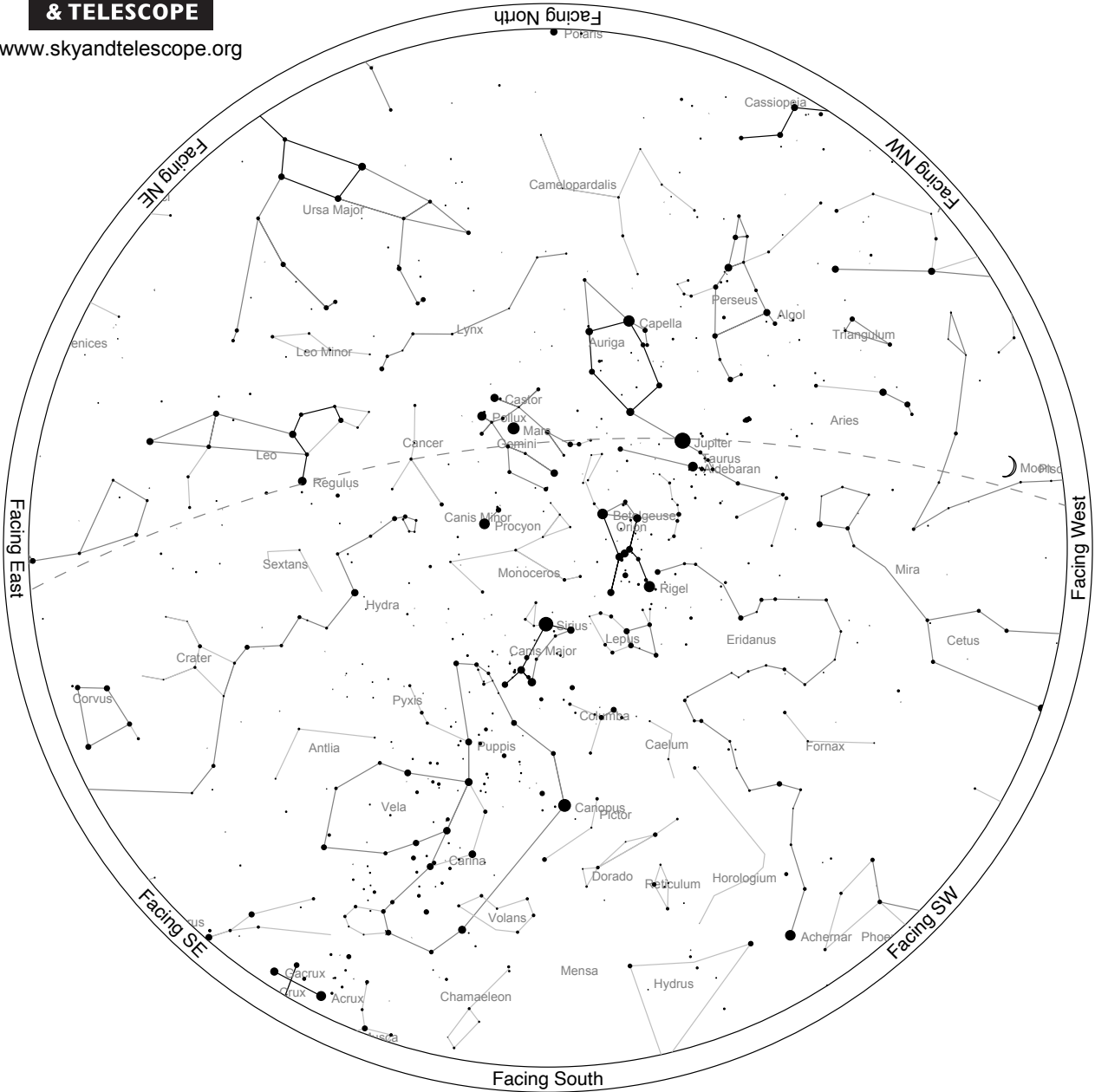
Powered by: Heavens-Above.com

March 2025



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Sky Chart



Location: unspecified
Latitude: 0° 00' S, longitude: 0° 00' W
Time: 2025 March 2, 20:00 (UTC +00:00)

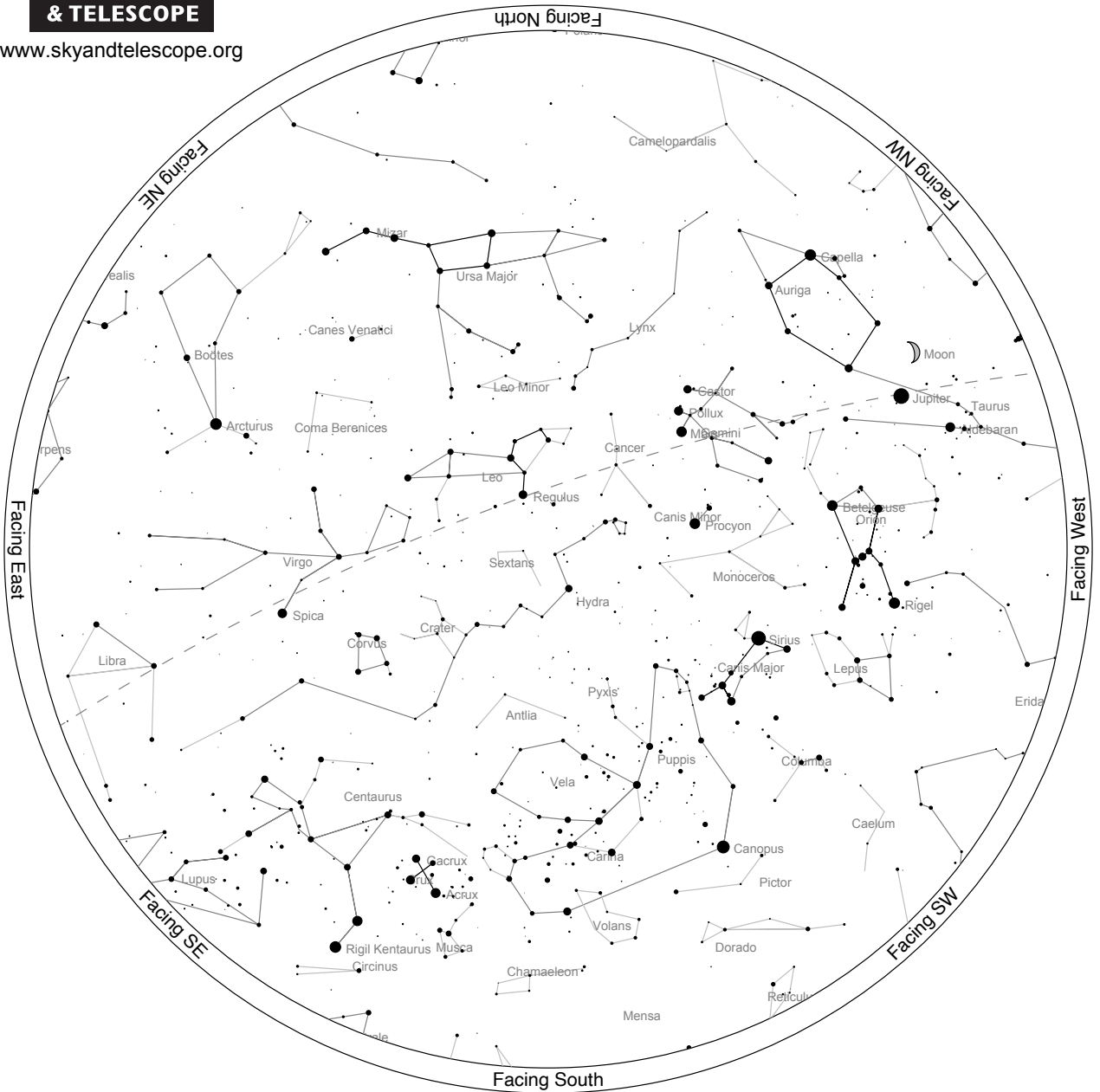
Powered by: Heavens-Above.com

April 2025



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Sky Chart



Location: unspecified

Latitude: 0° 00' S, longitude: 0° 00' W

Time: 2025 April 2, 21:00 (UTC +00:00)

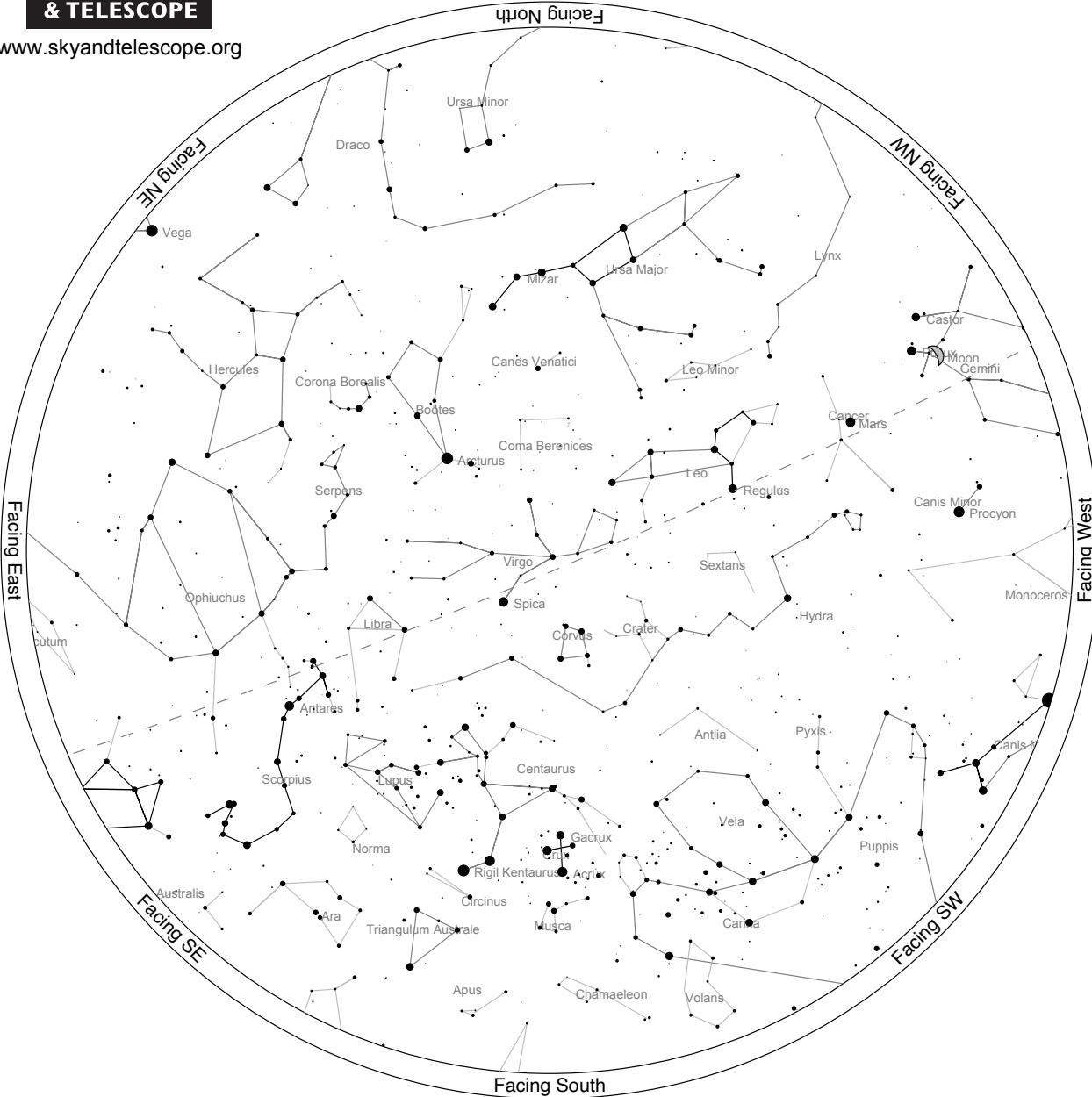
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May 2025



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Sky Chart



Location: unspecified
Latitude: 0° 00' S, longitude: 0° 00' W
Time: 2025 May 2, 22:00 (UTC +00:00)

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