

Bok 90" Telescope

Elevation: 2071 m = 6795 ft.
Latitude: +31° 57' 46.5"
Longitude: 111° 36' 01.6"W
Time Zone: +7 hours
Primary Mirror Clear Aperture: 2.29 m = 90 inches diameter
Primary Focal Ratio: f/2.66
Typical Seeing: 1.5"
f/9 Ritchey-Chretien focus
Plate Scale: 104 microns/arcsec = 9.66 arcsec/mm (nominal)
Usable Field of View: 45 arcminute diameter (curved focal plane)
Central obscuration = 14%

Liquid Nitrogen Safe Handling Practices

This is a reminder that both safety goggles AND a face shield, along with cryo gloves, must be worn when filling dewars or handling liquid nitrogen in any capacity. These are provided near the dewars downstairs for the B&C and WIFIS, and upstairs on the tool board for 90Prime. Long sleeves and closed toed shoes must also be worn when handling liquid nitrogen. We have provided lab coats which are hung on the pegs by the whiteboard where fill times are written if you aren't wearing long sleeves, but proper footwear is the responsibility of the observers. [Using PPE is easy](#), but please reach out to us if you have any questions!

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Certification

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Weather

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[Kitt Peak Clear Sky Chart](#)
[Atmospheric Sciences Arizona IR](#)
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90Prime

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Last update: **2025/03/07 11:44**

