0.8m (30") Telescope

**Instruments**

f/3.0 focus

**Prime Focus Corrector (PFC)**

**Cautions**

**0.8m Cautions**

**Optical**

**Primary Mirror**
- diameter: 76.7cm (30.2")
- focal length: 2.29m (90")
- f-ratio: 3.0

**Prime Focus Corrector (PFC)**
- focal length: 22.72m
- f-ratio: 2.98
- field angle: 46.5 arcmin
- plate scale: 1.3553 arcsec/CCD pixel

**Mechanical**

**Primary Mirror**
- weight: 118kg (260 lbs)
- thickness: 12.7cm (5")
- material: fused silica

**Telescope Tube**
- diameter: 89.4cm (35.2")
- length: 2.29m (90")

**Dome**
- diameter: 6.1m (20")

**Historical**

**Construction**
- completed: 1970
pfc: commissioned 1993

Contractor

telescope: Boller and Chivens Division, the Perkin-Elmer Co.
dome: Ash-Domes

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