SCOTT RUBEL and SEAN HOSS, MOUNTAIN SUPERINTENDENT, CAPTURE A RATTLER NEAR THE PHOTOLAB

IT'S IN THE CAN

COHANGI OBSERVATORIES, C.M. SCOTT RUBEL phobos_jwvr_06/04/02

CHARA Collaboration Year-Five Science Review
Fig. 1.—50-foot interferometer telescope for the Mount Wilson Observatory. Model seen from the north (part of wall removed to show 36-inch mirror cell and driving mechanism).

Fig. 2.—50-foot interferometer telescope for the Mount Wilson Observatory. Model seen from the south, showing movable house that covers the instrument when not in use.
BATTERIES OF ASTRONOMICAL APPARATUS TRAINED ON UNLOCK MYSTERY OF SUN'S POWER AND SECRET OF A

THE MOUNT WILSON OBSERVATORY BATTERY OF ASTRONOMICAL INSTRUMENTS TO BE CO-
G instrumented upon the total eclipse of the sun near San Diego, Cal., occurring September 21. All will be mounted on a revolving platform operated by a clock motor.

When the Eclipse Hits Fort Wayne

They money to the take the way that has been set, as it is the only way.

The bill and the cost are due. The money is due. The way is set.
Eclipse Instruments of the Mt. Wilson Observatory on Point Loma, California
LARGE MIRROR
APERTURE 300 INCHES FOCAL LENGTH 1000 INCHES
Conver. Mirror
APERTURE 100 INCHES MAGNIFICATION 2.4
Equivalent focus of system is 6400 INCHES
Aperture Diameter 10.
Other Aperture Ratios obtained by:
Secondary Lens near focus
TUBE, 35 FEET OUTSIDE, DIAM. 66 FEET LONG
DOE, 200 FEET DIAM X 400 FEET HIGH
SHUTTER OPENING 50 FEET WIDE.

VIEW LOOKING DOWN 'POLAR AXIS'

SIDE ELEVATION
Abb. 8. Diagram of light path in 50 foot interferometer.
DIAM. 40 3/8"
THICK 4 1/8"
NO. 007

RAD.
FOCUS 18. 20 1/8" central 6" diam uncorrected

0.04" Interferometer
Boland 174 lbs. Refract 0.05 lbs. Wt group 530 M.
LOOKING FOR BIGGER STARS

Francis Pease and The New Fifty-Foot Interferometer

(See page 206)