
Mauna Loa Solar Observatory Observer's Log

Sun Feb 1 17:19:10 GMT 1998

Year: 98 Doy: 032

Observer: koon

Sun Feb 1 17:19:49 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sun Feb 1 17:19:57 GMT 1998

Medium to thick cirrostratus, wind=10 mph from the SW, temp=43 F.

PICS COMMENT: Sun Feb 1 17:21:11 GMT 1998

Cleaned tape drive as requested by a message on the monitor.

Sun Feb 1 17:30:39 GMT 1998 PICS Start Patrol

Sun Feb 1 17:30:39 GMT 1998 PICS Start Patrol

COMMENT: Sun Feb 1 17:32:51 GMT 1998

Spar is having trouble tracking due to clouds.

MKIII COMMENT: Sun Feb 1 17:33:09 GMT 1998

Will wait for clouds to clear before starting this.

PSPT COMMENT: Sun Feb 1 17:33:28 GMT 1998

Will wait for clouds to clear before starting this.

Sun Feb 1 18:01:02 GMT 1998 CHIP Bias

Sun Feb 1 18:01:59 GMT 1998 CHIP End Bias

Sun Feb 1 18:02:07 GMT 1998 CHIP Water

Sun Feb 1 18:02:19 GMT 1998 PICS Flat

Sun Feb 1 18:02:52 GMT 1998 CHIP End Water

Sun Feb 1 18:03:44 GMT 1998 PICS End Flat

MKIII COMMENT: Sun Feb 1 18:05:50 GMT 1998

Its still too cloudy to run this but I checked the occulting to see how it looks, it looks good even though the O1 guider is still disconnected since yesterday. The sensor meters show the Y axis is bouncing around within the range of the scale, the X axis isn't moving but is pointing to the center of the scale. Maybe we only need to plug in the O1 guiders a few times during the year while we adjust the Spar Guiders to get those O1 guiders centered, then unplug them and continue with smoother spar guiding and better PICS and MK3 occulting. This would also greatly reduce the wear and tear on those overly hyper O1 guiders.

Sun Feb 1 19:01:09 GMT 1998 CHIP Bias

Sun Feb 1 19:02:16 GMT 1998 PICS Flat

Sun Feb 1 19:02:19 GMT 1998 CHIP End Bias

Sun Feb 1 19:02:28 GMT 1998 CHIP Water

Sun Feb 1 19:03:08 GMT 1998 CHIP End Water

Sun Feb 1 19:03:45 GMT 1998 PICS End Flat

Sun Feb 1 20:01:03 GMT 1998 CHIP Gain

Sun Feb 1 20:02:12 GMT 1998 PICS Flat

Sun Feb 1 20:03:36 GMT 1998 PICS End Flat

Sun Feb 1 20:07:04 GMT 1998 CHIP End Gain

Sun Feb 1 20:07:12 GMT 1998 CHIP Bias

Sun Feb 1 20:08:04 GMT 1998 CHIP End Bias

Sun Feb 1 20:08:11 GMT 1998 CHIP Water

Sun Feb 1 20:08:49 GMT 1998 CHIP End Water

MKIII COMMENT: Sun Feb 1 20:36:33 GMT 1998

The X and Y axes meters are both working now, both around -5 region.
The X axis started moving around an hour or more ago. The O1 guiders
are still disconnected (since yesterday).

Sun Feb 1 21:02:16 GMT 1998 PICS Flat

Sun Feb 1 21:03:02 GMT 1998 CHIP Bias

Sun Feb 1 21:03:41 GMT 1998 PICS End Flat

Sun Feb 1 21:04:00 GMT 1998 CHIP End Bias

Sun Feb 1 21:04:07 GMT 1998 CHIP Water

Sun Feb 1 21:04:47 GMT 1998 CHIP End Water

WEATHER COMMENT: Sun Feb 1 21:38:39 GMT 1998

The cirrostratus has gradually been getting worse throughout the day.

COMMENT: Sun Feb 1 21:42:08 GMT 1998

Did a Scintillometer data dump to disk, will mail to Jim Mason.

Sun Feb 1 22:02:02 GMT 1998 CHIP Bias

Sun Feb 1 22:02:09 GMT 1998 PICS Flat

Sun Feb 1 22:03:00 GMT 1998 CHIP End Bias

Sun Feb 1 22:03:07 GMT 1998 CHIP Water

Sun Feb 1 22:03:33 GMT 1998 PICS End Flat

Sun Feb 1 22:03:52 GMT 1998 CHIP End Water

Sun Feb 1 22:14:16 GMT 1998 PICS End Patrol

Sun Feb 1 22:16:38 GMT 1998 CHIP CHIP End Patrol

Sun Feb 1 22:17:02 GMT 1998 CHIP ending tape

COMMENT: Sun Feb 1 22:17:49 GMT 1998

TAPES:

MKIII: Too cloudy for data

PICS: P01101

CHIP: C00489

LOWL: L00494 in drive #1

Sun Feb 1 22:18:59 GMT 1998

MkIII