
Mauna Loa Solar Observatory Observer's Log

Tue Sep 2 16:51:46 GMT 2003

Year: 03 Doy: 245

Observer: koon

Tue Sep 2 16:58:06 GMT 2003 MKIV Start Patrol

Tue Sep 2 16:58:05 GMT 2003 CHIP Start Patrol

Tue Sep 2 16:58:15 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Tue Sep 2 16:51:55 GMT 2003

Clear sky, no wind, temp=46 F.

PSPT COMMENT: Tue Sep 2 17:11:35 GMT 2003

Observing.

GONG COMMENT: Tue Sep 2 17:12:50 GMT 2003

Going down to the shelter to unstow the instrument, it was stowed due to nearby storm.

GONG COMMENT: Tue Sep 2 17:49:39 GMT 2003

Back from shelter, unstowed instrument. Unstow instructions were unclear so I talked to Chirag and put the unclear items into a log message for them. Instrument is back up and running.

COMMENT: Tue Sep 2 17:51:05 GMT 2003

Mopping up water puddles in PSPT dome, not much leakage, nothing appears negatively affected by the storm.

WEATHER COMMENT: Tue Sep 2 17:53:18 GMT 2003

There is actually a very thin cirrostratus overcast, and a few low clouds.

Tue Sep 2 18:01:44 GMT 2003 CHIP LSD

Tue Sep 2 18:03:39 GMT 2003 CHIP End LSD

Tue Sep 2 18:03:50 GMT 2003 PICS Flat

Tue Sep 2 18:04:03 GMT 2003 CHIP BiasLSD

Tue Sep 2 18:05:05 GMT 2003 CHIP End BiasLSD

Tue Sep 2 18:05:15 GMT 2003 CHIP Bias

Tue Sep 2 18:06:08 GMT 2003 CHIP End Bias

Tue Sep 2 18:06:28 GMT 2003 PICS End Flat

MKIV COMMENT: Tue Sep 2 18:29:15 GMT 2003

Centered occulting.

Tue Sep 2 19:13:34 GMT 2003 MKIV End Patrol

Tue Sep 2 19:13:45 GMT 2003 MKIV Start Cal

WEATHER COMMENT: Tue Sep 2 19:16:49 GMT 2003

More low clouds are passing over.

Tue Sep 2 19:33:23 GMT 2003 MKIV End Cal

Tue Sep 2 19:33:38 GMT 2003 MKIV Start Patrol

GONG COMMENT: Tue Sep 2 19:42:17 GMT 2003

GONGops requested I check for "eccentric crowders" on the optical bench, in support of their upcoming PM trip here they're checking to see what else to bring up here. Heading down to shelter now.

CHIP PROBLEM: Tue Sep 2 19:46:07 GMT 2003

Appears to be stalled since about 1912 UT. Program: FixCenter, Optics: Busy
Did a Kill/Run cycle to fix it.

Tue Sep 2 19:47:06 GMT 2003 CHIP End Patrol
Tue Sep 2 19:49:17 GMT 2003 CHIP Start Patrol
GONG COMMENT: Tue Sep 2 20:06:23 GMT 2003
Back from shelter, they do have the required "eccentric crowders" installed.
WEATHER COMMENT: Tue Sep 2 20:11:40 GMT 2003
The weather looks good enough for cleaning the O1, so I will pause obs and clean the O1 then do a Cal/Correct/Cal sequence soon afterwards. The cirrostratus has decreased significantly, it is still there though extremely light - and better than I've seen it for weeks. I already cleaned the O1 and spar guider telescopes objectives earlier this morning when clouds were passing by.
MKIV COMMENT: Tue Sep 2 20:48:27 GMT 2003
Centered occulting, started Patrol to get a few scans.
Tue Sep 2 20:49:07 GMT 2003 MKIV Start Patrol
MKIV COMMENT: Tue Sep 2 20:50:03 GMT 2003
Objective is cleaned and reinstalled, sky conditions seem the same as before the cleaning, signal strength dropped maybe 30-40% due to loss of scattered light through cleaned lens. Cued up to Calibrate at the end of the second scan, then will do a Correct, then another Cal. Getting data now.
Tue Sep 2 20:55:18 GMT 2003 MKIV End Patrol
Tue Sep 2 20:55:29 GMT 2003 MKIV Start Cal
Tue Sep 2 21:14:11 GMT 2003 MKIV End Cal
Tue Sep 2 21:14:23 GMT 2003 MKIV Start Correct
Tue Sep 2 21:16:01 GMT 2003 MKIV End Correct
Tue Sep 2 21:16:14 GMT 2003 MKIV Start Cal
MKIV COMMENT: Tue Sep 2 21:17:04 GMT 2003
OK, I did a cal then a Correct and just started the last cal. Then I'll go back to the normal Patrol observing routine.
WEATHER COMMENT: Tue Sep 2 21:19:02 GMT 2003
The sky is still very clear, just as it was before the O1 cleaning.
Tue Sep 2 21:34:48 GMT 2003 MKIV End Cal
Tue Sep 2 21:35:01 GMT 2003 MKIV Start Patrol
MKIV COMMENT: Tue Sep 2 21:40:50 GMT 2003
Centered occulting.
PSPT PROBLEM: Tue Sep 2 21:43:43 GMT 2003
Crashed around 2105 UT "taking Blue image". I killed runPspt.pro and restarted Pspt, then I experimented with focusing for blue and red filters instead of going right back to the normal observing routine.
WEATHER COMMENT: Tue Sep 2 22:24:43 GMT 2003
Some orographic clouds are gathering nearby.
MKIV COMMENT: Tue Sep 2 22:59:43 GMT 2003
Pausing due to clouds.
Tue Sep 2 23:03:33 GMT 2003 MKIV End Patrol
Tue Sep 2 23:31:23 GMT 2003 MKIV Start Patrol
MKIV COMMENT: Tue Sep 2 23:31:34 GMT 2003
Centered occulting.
PSPT COMMENT: Wed Sep 3 00:07:18 GMT 2003
Done experimenting with focuses. Best Blue still appears to be 75, best Red

appears to be 2000+ though 1950 looks good too, and 1950 won't cause subsequent focus position readings. Restarted observations.

WEATHER COMMENT: Wed Sep 3 00:09:10 GMT 2003

Orographic clouds have cleared away.

MKIV COMMENT: Wed Sep 3 00:53:36 GMT 2003

Centered occulting.

MKIV COMMENT: Wed Sep 3 01:43:43 GMT 2003

Centered occulting.

Wed Sep 3 02:11:32 GMT 2003 PICS End Patrol

Wed Sep 3 02:28:54 GMT 2003 MKIV End Patrol

Wed Sep 3 02:28:47 GMT 2003 CHIP End Patrol

Wed Sep 3 03:01:20 GMT 2003

MkIV

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