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## Mauna Loa Solar Observatory Observer's Log

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Wed Jan 29 17:19:49 GMT 2003

Year: 03 Doy: 029 Observer: yasukawa

WEATHER COMMENT: Wed Jan 29 17:19:53 GMT 2003 COol, in thin cirrostratus, light south breeze.

Wed Jan 29 17:25:27 GMT 2003 CHIP Start Patrol Wed Jan 29 17:25:38 GMT 2003 PICS Start Patrol

PSPT COMMENT: Wed Jan 29 17:35:47 GMT 2003

Starting observations.

WEATHER COMMENT: Wed Jan 29 17:54:31 GMT 2003

Sun climbing out of cirrostratus patch/cirrostratus thinning.

Starting MK4.

Wed Jan 29 17:55:17 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Jan 29 17:58:21 GMT 2003

Centered 01.

Wed Jan 29 18:01:45 GMT 2003 CHIP LSD
Wed Jan 29 18:03:34 GMT 2003 CHIP End LSD
Wed Jan 29 18:03:43 GMT 2003 CHIP BiasLSD
Wed Jan 29 18:03:49 GMT 2003 PICS Flat

Wed Jan 29 18:04:38 GMT 2003 CHIP End BiasLSD

Wed Jan 29 18:04:51 GMT 2003 CHIP Bias
Wed Jan 29 18:05:49 GMT 2003 CHIP End Bias
Wed Jan 29 18:06:14 GMT 2003 PICS End Flat

\*\*PICS PROBLEM\*\*: Wed Jan 29 18:45:42 GMT 2003

PICS vignetted. Apparently, the ADR did not acquire the sun this morning when it was turned on and dome did not adjust. Spar moved with sun until PICS aperture became shaded by dome slot edge. Adjusted dome azimuth manually.

Wed Jan 29 18:49:34 GMT 2003 MKIV Start Cal Wed Jan 29 19:08:21 GMT 2003 MKIV End Cal Wed Jan 29 19:08:31 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Jan 29 19:14:27 GMT 2003

Centered 01.

\*\*PICS PROBLEM\*\*: Wed Jan 29 19:53:03 GMT 2003

PICS got vignetted again by a non-responsive ADR. I will monitor the ADR

to determine if it requires adjustment or repair.

MKIV COMMENT: Wed Jan 29 20:30:53 GMT 2003

Centered 01.

\*\*PICS PROBLEM\*\*: Wed Jan 29 20:34:21 GMT 2003

ADR just got shaded as I watched from outside and the dome did move. We will need to check earlier in the morning whether the ADR sensor placement allows vignetting before 2035 UT or whether the problem was non-response by the ADR today--and if the latter was the problem, if the problem is intermittent or not.

Just heard the ADR move the dome again as I was writing this comment.

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**** EVENT COMMENT ****: Wed Jan 29 20:43:30 GMT 2003
Disk flare near limb on SW quadrant near PA 250 from 2021 UT.
**PSPT PROBLEM**: Wed Jan 29 20:49:10 GMT 2003
PSPT stalled at 2040 UT at clr cak hope to help hang. Killed/restart.
MKIV COMMENT: Wed Jan 29 21:39:23 GMT 2003
Centered 01.
MKIV COMMENT: Wed Jan 29 22:32:18 GMT 2003
Centered 01.
MKIV COMMENT: Wed Jan 29 23:31:56 GMT 2003
Centered 01.
WEATHER COMMENT: Wed Jan 29 23:41:58 GMT 2003
orographic clouds are making their way upslope.
WEATHER COMMENT: Thu Jan 30 00:01:46 GMT 2003
In orographic clouds.
Thu Jan 30 00:04:29 GMT 2003
                                 CHIP
                                          End Patrol
COMMENT: Thu Jan 30 00:04:40 GMT 2003
Stopping observations.
Thu Jan 30 00:04:51 GMT 2003
                                 PICS
                                          End Patrol
Thu Jan 30 00:05:38 GMT 2003
                                 MKIV
                                         End Patrol
WEATHER COMMENT: Thu Jan 30 00:10:45 GMT 2003
Light fog rolling in, closing domes for now.
WEATHER COMMENT: Thu Jan 30 02:02:31 GMT 2003
Still in orographic clouds.
Thu Jan 30 02:03:42 GMT 2003
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19_08.rawmk4	20_22.rawmk4	21_39.rawmk4	22_52.rawmk4
19_11.rawmk4	20_25.rawmk4	21_42.rawmk4	22_55.rawmk4
19_14.rawmk4	20_27.rawmk4	21_45.rawmk4	22_58.rawmk4