
Mauna Loa Solar Observatory Observer's Log

Fri May 5 16:25:57 GMT 2006

Year: 06 Doy: 125

Observer: yasukawa

WEATHER COMMENT: Fri May 5 16:26:20 GMT 2006

In broken cirrostratus, S wind 14 mph, temp 38 F.

____end____

Fri May 5 16:30:44 GMT 2006 CHIP Start Patrol

Fri May 5 16:30:53 GMT 2006 PICS Start Patrol

PSPT COMMENT: Fri May 5 16:34:13 GMT 2006

Starting up.

____end____

****pics_PROCESSING PROBLEM****: Fri May 5 16:37:24 GMT 2006

June 16 1999 mssrestore was completed according to check of daily summary of PICS data web page and return email message yesterday but calendar is still red after refreshes.

____end____

PSPT COMMENT: Fri May 5 16:43:48 GMT 2006

Observing.

____end____

Fri May 5 17:09:57 GMT 2006 MKIV Start Patrol

WEATHER COMMENT: Fri May 5 17:11:43 GMT 2006

Out of cirrostratus patch, sky still bright.

____end____

****pics_PROCESSING PROBLEM****: Fri May 5 17:23:59 GMT 2006

mssrestore process stalled, did a <ctrl>-C to resume.

____end____

WEATHER COMMENT: Fri May 5 17:50:51 GMT 2006

In cirrostratus patch.

____end____

Fri May 5 18:00:54 GMT 2006 CHIP LSD

Fri May 5 18:02:14 GMT 2006 PICS Flat

Fri May 5 18:02:42 GMT 2006 CHIP End LSD

Fri May 5 18:02:53 GMT 2006 CHIP BiasLSD

Fri May 5 18:03:41 GMT 2006 CHIP End BiasLSD

Fri May 5 18:03:53 GMT 2006 CHIP Bias

Fri May 5 18:04:34 GMT 2006 PICS End Flat

Fri May 5 18:04:36 GMT 2006 CHIP End Bias

Fri May 5 18:04:43 GMT 2006 PICS ReStart Patrol

Fri May 5 18:04:48 GMT 2006 CHIP ReStart Patrol

WEATHER COMMENT: Fri May 5 18:22:30 GMT 2006

Cirrostratus patch clearing out.

____end____

Fri May 5 18:26:45 GMT 2006 MKIV End Patrol

Fri May 5 18:26:51 GMT 2006 MKIV Start Cal

Fri May 5 18:45:37 GMT 2006 MKIV End Cal

Fri May 5 18:46:01 GMT 2006 MKIV Start Patrol
NICE MK4 IMAGE: 1848
NICE CHIP IMAGE: 1847
NICE PICSLIMB IMAGE: 1847
NICE PICSDISC IMAGE: 1849
Fri May 5 19:21:26 GMT 2006 CHIP End Patrol
COMMENT: Fri May 5 19:21:33 GMT 2006
Stopping to reconfigure dome shutter.
____end____
Fri May 5 19:21:36 GMT 2006 PICS End Patrol
Fri May 5 19:27:28 GMT 2006 MKIV End Patrol
Fri May 5 19:32:22 GMT 2006 MKIV Start Patrol
Fri May 5 19:32:26 GMT 2006 CHIP Start Patrol
Fri May 5 19:32:36 GMT 2006 PICS Start Patrol
pics_PROCESSING PROBLEM: Fri May 5 20:53:37 GMT 2006
mssrestore on 7/5/99 stalled and didn't initially respond to <ctrl>-C
to resume. After a couple of attempts, program returned to prompt.
Rerunning mssrestore on same file.
____end____
WEATHER COMMENT: Fri May 5 21:05:48 GMT 2006
In orographic clouds.
____end____
Fri May 5 21:12:42 GMT 2006 MKIV End Patrol
WEATHER COMMENT: Fri May 5 21:14:28 GMT 2006
Standing down in clouds.
____end____
Fri May 5 21:14:48 GMT 2006 CHIP End Patrol
Fri May 5 21:15:10 GMT 2006 PICS End Patrol
pics_PROCESSING PROBLEM: Fri May 5 21:18:31 GMT 2006
mssrestore was stalled again, around the same place as last time.
<ctrl>-C, once this time, worked to resume processing.
____end____
WEATHER COMMENT: Fri May 5 21:34:28 GMT 2006
Clear hole, resuming obs.
____end____
Fri May 5 21:34:41 GMT 2006 MKIV Start Patrol
Fri May 5 21:34:59 GMT 2006 CHIP Start Patrol
Fri May 5 21:37:14 GMT 2006 PICS Start Patrol
COMMENT: Fri May 5 22:14:18 GMT 2006
Declination recentered itself. Repointed and reset.
____end____
pics_PROCESSING PROBLEM: Fri May 5 22:22:57 GMT 2006
Same type of stall. Resumed with <ctrl>-C
____end____
WEATHER COMMENT: Fri May 5 22:25:02 GMT 2006
Orographic clouds.
____end____
pics_PROCESSING PROBLEM: Fri May 5 23:09:30 GMT 2006

Network connection went down. VPN still connected but PuTTY is not connecting to odo.

____end____

PSPT PROBLEM:
Fri May 5 23:14:07 GMT 2006

Stopping to recheck new filter alignment.

____end____

PSPT PROBLEM:
Fri May 5 23:34:27 GMT 2006

I was having doubts about the accuracy of the tilt adjustment using the setup used by me and Darryl on May 1 & 2 due to the discrepancy seen by Darryl between the alignments. Orientation of the filter holder in the vise changed the alignment of the laser beam. Modified setup by clamping a large piece of thick aluminum plate in the vise and aligned the beam with the plane mirror held flat against the plate. Rotation of the mirror did not change the alignment of the beam. Checked filter against the plate and found the beam to be off by 2 mm. Rotating the holder moved the beam around the face of the laser, but did not change the offset -- 2mm. Readjusted the tilt of the filter in the holder to return the laser beam back into the output port. Rotated the holder while assuring that the holder was absolutely flat against the aluminum plate. This time the beam did not move. Cleaned the filter, rechecked the alignment and replaced it back into PSPT filter wheel in the -200 position.

____end____

Fri May 5 23:44:25 GMT 2006 PICS End Patrol

WEATHER COMMENT: Fri May 5 23:44:35 GMT 2006

Back in orographic clouds. Standing down.

____end____

Fri May 5 23:44:48 GMT 2006 CHIP End Patrol

Sat May 6 00:16:20 GMT 2006 MKIV End Patrol

WEATHER COMMENT: Sat May 6 00:23:19 GMT 2006

Orographic clouds very dense, fog rolled in. Closing domes.

____end____

pics_PROCESSING PROBLEM:
Sat May 6 00:28:23 GMT 2006

Aborted VPN connection, mssrestore on 7/6/1999 incomplete. Needs re-doing.

____end____

WEATHER COMMENT: Sat May 6 00:37:33 GMT 2006

Closed domes non-to-soon. BB shot size hail is falling out of the sky.

____end____

WEATHER COMMENT: Sat May 6 01:28:57 GMT 2006

Light rain, shutting down for the day.

____end____

Sat May 6 01:29:22 GMT 2006

MkIV

17_09.rawmk4	18_29.rawmk4	19_58.rawmk4	21_37.rawmk4	22_54.rawmk4
17_13.rawmk4	18_36.rawmk4	20_01.rawmk4	21_40.rawmk4	22_57.rawmk4
17_15.rawmk4	18_42.rawmk4	20_04.rawmk4	21_43.rawmk4	22_59.rawmk4
17_18.rawmk4	18_46.rawmk4	20_07.rawmk4	21_46.rawmk4	23_02.rawmk4
17_21.rawmk4	18_48.rawmk4	20_10.rawmk4	21_49.rawmk4	23_05.rawmk4

17_24.rawmk4	18_51.rawmk4	20_13.rawmk4	21_52.rawmk4	23_08.rawmk4
17_27.rawmk4	18_54.rawmk4	20_16.rawmk4	21_55.rawmk4	23_11.rawmk4
17_30.rawmk4	18_57.rawmk4	20_19.rawmk4	21_58.rawmk4	23_14.rawmk4
17_33.rawmk4	19_00.rawmk4	20_22.rawmk4	22_01.rawmk4	23_17.rawmk4
17_36.rawmk4	19_03.rawmk4	20_25.rawmk4	22_04.rawmk4	23_20.rawmk4
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17_45.rawmk4	19_12.rawmk4	20_34.rawmk4	22_12.rawmk4	23_29.rawmk4
17_48.rawmk4	19_15.rawmk4	20_37.rawmk4	22_15.rawmk4	23_32.rawmk4
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18_23.rawmk4	19_55.rawmk4	21_34.rawmk4	22_51.rawmk4	