
Mauna Loa Solar Observatory Observer's Log

Thu Dec 22 17:16:55 GMT 2005

Year: 05 Doy: 356

Observer: stueben

WEATHER COMMENT: Thu Dec 22 17:19:10 GMT 2005

Clear, wind south 10-15 mph, temp 39F.

____end____

ECHO COMMENT: Thu Dec 22 17:21:00 GMT 2005

Time OK.

____end____

Thu Dec 22 17:24:25 GMT 2005 PICS Start Patrol

Thu Dec 22 17:24:58 GMT 2005 CHIP Start Patrol

Thu Dec 22 17:33:10 GMT 2005 MKIV Start Patrol

PSPT COMMENT: Thu Dec 22 17:34:20 GMT 2005

Observing, camera controller temp=15 C.

____end____

WEATHER COMMENT: Thu Dec 22 17:54:45 GMT 2005

In thin cirrus.

____end____

Thu Dec 22 18:01:21 GMT 2005 PICS Flat

Thu Dec 22 18:01:50 GMT 2005 CHIP LSD

Thu Dec 22 18:03:37 GMT 2005 CHIP End LSD

Thu Dec 22 18:03:43 GMT 2005 PICS End Flat

Thu Dec 22 18:03:52 GMT 2005 CHIP BiasLSD

Thu Dec 22 18:03:59 GMT 2005 PICS ReStart Patrol

Thu Dec 22 18:04:51 GMT 2005 CHIP End BiasLSD

Thu Dec 22 18:04:59 GMT 2005 CHIP Bias

Thu Dec 22 18:05:52 GMT 2005 CHIP End Bias

Thu Dec 22 18:05:59 GMT 2005 CHIP ReStart Patrol

Thu Dec 22 18:09:00 GMT 2005 MKIV End Patrol

PSPT COMMENT: Thu Dec 22 18:34:42 GMT 2005

Controller cabinet temp=16 C.

____end____

MKIV COMMENT: Thu Dec 22 18:35:19 GMT 2005

Paused earlier due to clouds.

____end____

PSPT COMMENT: Thu Dec 22 19:57:17 GMT 2005

Camera control cabinet temp=18 C.

____end____

Thu Dec 22 19:58:19 GMT 2005 MKIV Start Patrol

A NEW PSPT EXABYTE IS LOADED ON KENOBI Thu Dec 22 20:25:42 GMT 2005

Thu Dec 22 20:33:53 GMT 2005 MKIV End Patrol

Thu Dec 22 20:34:00 GMT 2005 MKIV Start Cal

PSPT PROBLEM Thu Dec 22 20:34:51 GMT 2005

Stalled writing image, restarted.

____end____

Thu Dec 22 20:52:48 GMT 2005 MKIV End Cal
Thu Dec 22 20:52:54 GMT 2005 MKIV Start Patrol
A NEW PSPT EXABYTE IS LOADED ON KENOBI Thu Dec 22 21:08:43 GMT 2005
WEATHER COMMENT: Thu Dec 22 22:19:31 GMT 2005

Very thin cirrostratus is back again, pausing mk4.
____end____

Thu Dec 22 22:21:22 GMT 2005 MKIV End Patrol
PSPT PROBLEM: Thu Dec 22 22:28:15 GMT 2005

It looks like some images are overexposed and some are out of focus, telescope isn't oscillating, it seems to be guiding well. I don't see any mirror oscillation messages in the GUI either.

____end____

PSPT PROBLEM: Thu Dec 22 23:17:43 GMT 2005

All the CaK images look out of focus, the CaK narrow images and the CaK shifted images look like they are focused well though.

____end____

PSPT PROBLEM: Thu Dec 22 23:23:31 GMT 2005

Blue images look overexposed, can't tell what the Red images look like right now due to clouds.

____end____

Thu Dec 22 23:41:15 GMT 2005 MKIV Start Patrol

PSPT PROBLEM: Thu Dec 22 23:53:24 GMT 2005

Red images look blurry too. To summarize, the Blue images look overexposed and the CaK and Red images look blurry. I don't understand why 2 out of 3 CaK filtered images (narrow and shifted filters) look sharp but the regular CaK images look blurry since they all use the same focus setting as far as I can tell. I'll paused obs and look at the filters. -Darryl

____end____

Fri Dec 23 00:00:00 GMT 2005 MKIV End Patrol

Fri Dec 23 00:02:54 GMT 2005 CHIP End Patrol

Fri Dec 23 00:03:15 GMT 2005 PICS End Patrol

WEATHER COMMENT: Fri Dec 23 00:03:42 GMT 2005

Orographic clouds are becoming dense, instruments idled.

____end____

Fri Dec 23 00:24:03 GMT 2005 MKIV Start Patrol

Fri Dec 23 00:24:22 GMT 2005 CHIP Start Patrol

Fri Dec 23 00:25:39 GMT 2005 PICS Start Patrol

PSPT PROBLEM: Fri Dec 23 00:23:14 GMT 2005

Found and fixed the problem. The filter wheel was pointing to the wrong position for each image, "homing" the filter wheel was the cure. Not sure how it lost it's positions, but it was interesting how it would still end up with a filter in place for each image and how 2 of the images were well illuminated and in focus. -Darryl

____end____

WEATHER COMMENT: Fri Dec 23 00:26:18 GMT 2005

Clouds have cleared, instruments restarted.

____end____

Fri Dec 23 00:36:04 GMT 2005 MKIV End Patrol

Fri Dec 23 00:51:27 GMT 2005 PICS End Patrol
Fri Dec 23 00:51:48 GMT 2005 CHIP End Patrol

WEATHER COMMENT: Fri Dec 23 00:55:12 GMT 2005

Clouds are dense, instruments idled.

____end____

NICE CHIP IMAGE: 2021

NICE PICSLIMB IMAGE: 2023

NICE PICSDISC IMAGE: 2022

NICE MK4 IMAGE: 2024

Fri Dec 23 01:01:23 GMT 2005

MkIV

00_24.rawmk4	18_02.rawmk4	20_37.rawmk4	21_25.rawmk4	22_06.rawmk4
00_27.rawmk4	18_05.rawmk4	20_43.rawmk4	21_28.rawmk4	22_09.rawmk4
00_29.rawmk4	19_58.rawmk4	20_49.rawmk4	21_31.rawmk4	22_12.rawmk4
00_32.rawmk4	20_01.rawmk4	20_52.rawmk4	21_34.rawmk4	22_15.rawmk4
17_33.rawmk4	20_04.rawmk4	20_55.rawmk4	21_37.rawmk4	22_18.rawmk4
17_36.rawmk4	20_07.rawmk4	20_58.rawmk4	21_39.rawmk4	23_41.rawmk4
17_39.rawmk4	20_10.rawmk4	21_01.rawmk4	21_42.rawmk4	23_47.rawmk4
17_42.rawmk4	20_13.rawmk4	21_04.rawmk4	21_45.rawmk4	23_50.rawmk4
17_45.rawmk4	20_16.rawmk4	21_07.rawmk4	21_48.rawmk4	23_53.rawmk4
17_47.rawmk4	20_18.rawmk4	21_10.rawmk4	21_51.rawmk4	23_56.rawmk4
17_50.rawmk4	20_21.rawmk4	21_13.rawmk4	21_54.rawmk4	c20_34.rawmk4
17_53.rawmk4	20_24.rawmk4	21_16.rawmk4	21_57.rawmk4	c20_40.rawmk4
17_56.rawmk4	20_27.rawmk4	21_19.rawmk4	22_00.rawmk4	c20_46.rawmk4
17_59.rawmk4	20_30.rawmk4	21_22.rawmk4	22_03.rawmk4	