
Mauna Loa Solar Observatory Observer's Log

Fri Jun 21 15:49:28 GMT 2002

Year: 02 Doy: 172

Observer: yasukawa

WEATHER COMMENT: Fri Jun 21 15:49:27 GMT 2002

Cool, scattered altostratus clouds, strong southeast wind.

WEATHER COMMENT: Fri Jun 21 15:55:03 GMT 2002

Wind forming lenticular cloud formations to west of station.

COMMENT: Fri Jun 21 15:55:38 GMT 2002

Spar guider still below dome cylinder. Standing by.

COMMENT: Fri Jun 21 15:56:36 GMT 2002

I will disable ACG (sky tx's influence on gain) until sky tx clears dome wall.

Fri Jun 21 16:00:32 GMT 2002 CHIP Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Jun 21 16:00:41 GMT 2002

Fri Jun 21 16:00:42 GMT 2002 PICS Start Patrol

COMMENT: Fri Jun 21 16:12:43 GMT 2002

sky tx still shaded.

COMMENT: Fri Jun 21 16:15:57 GMT 2002

Sky tx rising above the dome wall, enabled AGC.

MLSO PROBLEM: Fri Jun 21 16:16:41 GMT 2002

Hoiike is not updating. It is still displaying yesterday's animations.

no images from today.

Fri Jun 21 16:18:00 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Fri Jun 21 16:20:23 GMT 2002

Extensive stratus cloud formed overhead. Sun still between stratus

deck on horizon and overhead deck.

PSPT COMMENT: Fri Jun 21 16:21:42 GMT 2002

Starting observations.

COMMENT: Fri Jun 21 16:27:21 GMT 2002

Early start to get observations in conjunction with Cassini observations

from 1500 UT this morning.

MLSO PROBLEM: Fri Jun 21 16:36:31 GMT 2002

Hoiike updating, thanks to swift intervention by Alice.

PSPT PROBLEM: Fri Jun 21 16:42:39 GMT 2002

Waiting to see if guiding self corrects mispointing at startup.

Yesterday, I manually corrected pointing, PSPT self-corrected by overshooting

in the opposite direction, and I manually corrected.

MKIV COMMENT: Fri Jun 21 16:47:06 GMT 2002

MK4 cleared the dome at 1641 for first good image.

PSPT PROBLEM: Fri Jun 21 16:51:59 GMT 2002

Guider did not self correct. Aborted observations. Pointed spar manually,

did

mir off

gdr servo off

gdr ephmcal

Startup

WEATHER COMMENT: Fri Jun 21 16:55:48 GMT 2002
Sun climbed into overhead altostratus deck.

WEATHER COMMENT: Fri Jun 21 17:11:56 GMT 2002
Overhead altostratus deck is advancing and receding near sun. We will probably be in and out of clouds throughout. Wind is still howling downslope from southeast at around 35-45 mph.

GONG COMMENT: Fri Jun 21 17:34:54 GMT 2002
Going down to GONG to take care of a workstation problem.

Fri Jun 21 18:02:54 GMT 2002 PICS Flat
Fri Jun 21 18:05:48 GMT 2002 PICS End Flat

GONG COMMENT: Fri Jun 21 18:47:02 GMT 2002
Back from GONG. Chirag and I didn't get the workstation / gongStat problem resolved.

WEATHER COMMENT: Fri Jun 21 18:48:11 GMT 2002
In altostratus patch that has been following sun across sky.

MLSO PROBLEM:
Fri Jun 21 18:50:31 GMT 2002
Hoiike problem was just due to a too early start. Scrubber was set to start at 1630 UT. Alice reset it to 1610 UT.

PSPT COMMENT: Fri Jun 21 18:56:58 GMT 2002
Stopping observations with pspt due to clouds.

WEATHER COMMENT: Fri Jun 21 18:58:32 GMT 2002
Altostratus quite thick, no shadows, spar hardly guiding.

Fri Jun 21 19:00:51 GMT 2002 CHIP LSD
Fri Jun 21 19:03:12 GMT 2002 CHIP End LSD
Fri Jun 21 19:03:26 GMT 2002 CHIP BiasLSD
Fri Jun 21 19:04:31 GMT 2002 CHIP End BiasLSD
Fri Jun 21 19:04:44 GMT 2002 CHIP Bias
Fri Jun 21 19:05:41 GMT 2002 CHIP End Bias

COMMENT: Fri Jun 21 19:08:51 GMT 2002
reconfigured dome shutter while unable to guide. Could not find sun to adjust pointing which usually moves off during reconfigure operation. I will have to adjust pointing as soon as I notice shadows again.

Fri Jun 21 19:32:33 GMT 2002 MKIV End Patrol
Fri Jun 21 19:32:25 GMT 2002 PICS End Patrol
Fri Jun 21 19:32:47 GMT 2002 CHIP End Patrol

COMMENT: Fri Jun 21 19:32:19 GMT 2002
Stopping data acquisition until weather situation gets better.

Fri Jun 21 20:31:54 GMT 2002 CHIP Start Patrol
Fri Jun 21 20:31:57 GMT 2002 PICS Start Patrol

WEATHER COMMENT: Fri Jun 21 20:28:03 GMT 2002
very faint shadows present, re-established pointing of the spar. Starting up PICS and CHIP if video mode shows any image at all.

WEATHER COMMENT: Fri Jun 21 21:01:39 GMT 2002
sun now hovering near fringe of altostratus deck. Starting up MK4.

Fri Jun 21 21:02:20 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Fri Jun 21 22:01:08 GMT 2002
marginally clear.

PICS PROBLEM:
Fri Jun 21 22:23:11 GMT 2002

PICS was domed out, moved dome slot to optimum azimuth as sun passes overhead to north.

PICS PROBLEM Fri Jun 21 22:35:51 GMT 2002

moved dome slot again to get PICS out from the slot edge.

COMMENT: Fri Jun 21 22:36:35 GMT 2002

Well, folks, this is about as long as I can extend the day for Cassini coverage. The medication has worn off and I don't want to take another before I finish driving down the mountain--don't want to fall asleep at the wheel.

I will begin shutting down shortly as soon as we finish up the GONG fiber optic patch cable tests for the day.

Fri Jun 21 22:39:34 GMT 2002 PICS End Patrol

Fri Jun 21 22:42:31 GMT 2002 CHIP End Patrol

Fri Jun 21 22:48:32 GMT 2002 MKIV End Patrol

Fri Jun 21 22:52:24 GMT 2002

MkIV

16_18.rawmk4	17_19.rawmk4	18_21.rawmk4	19_23.rawmk4	21_55.rawmk4
16_21.rawmk4	17_22.rawmk4	18_24.rawmk4	19_26.rawmk4	21_58.rawmk4
16_23.rawmk4	17_25.rawmk4	18_27.rawmk4	19_29.rawmk4	22_01.rawmk4
16_26.rawmk4	17_28.rawmk4	18_30.rawmk4	21_02.rawmk4	22_04.rawmk4
16_29.rawmk4	17_31.rawmk4	18_33.rawmk4	21_05.rawmk4	22_07.rawmk4
16_32.rawmk4	17_34.rawmk4	18_36.rawmk4	21_08.rawmk4	22_10.rawmk4
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