
Mauna Loa Solar Observatory Observer's Log

Wed Sep 18 16:35:18 GMT 1996

Year: 96 Doy: 262

Observer: yasukawa

WEATHER COMMENT: Wed Sep 18 16:35:22 GMT 1996

Cool, clear, light southwest wind.

Wed Sep 18 16:35:52 GMT 1996 CHIP Startup--Initializing new tape

Wed Sep 18 16:40:25 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 18 16:40:45 GMT 1996 dPMon Start Patrol

DPMON COMMENT: Wed Sep 18 16:40:50 GMT 1996

Occulter is 1961

COMMENT: Wed Sep 18 16:46:16 GMT 1996

Corrected nene time -3 sec and kii time +3 sec.

CHIP COMMENT: Wed Sep 18 16:56:14 GMT 1996

Fixcenter crash, fixed.

Wed Sep 18 17:01:59 GMT 1996 dPMon Flat

Wed Sep 18 17:02:53 GMT 1996 dPMon End Flat

Wed Sep 18 17:04:11 GMT 1996 CHIP Bias

Wed Sep 18 17:05:17 GMT 1996 CHIP End Bias

Wed Sep 18 17:05:26 GMT 1996 CHIP Water

Wed Sep 18 17:06:04 GMT 1996 CHIP End Water

CHIP COMMENT: Wed Sep 18 17:22:37 GMT 1996

Fixcenter crash again. Fixed.

Wed Sep 18 17:31:38 GMT 1996 CHIP CHIP End Patrol

Wed Sep 18 17:34:44 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Wed Sep 18 17:32:52 GMT 1996

Doing a Kill/Run cycle to load DE software mods to reduce limb darkening and also to load a new routine "Fixbusy" that will allow clearing the FixCenter/Optics Busy crash with a single command.

Wed Sep 18 17:49:47 GMT 1996 CHIP CHIP End Patrol

CHIP COMMENT: Wed Sep 18 17:49:07 GMT 1996

Stopping Patrol again to load another iteration to reduce limb darkening.

Wed Sep 18 17:51:02 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 18 18:01:51 GMT 1996 dPMon Flat

Wed Sep 18 18:02:42 GMT 1996 dPMon End Flat

Wed Sep 18 18:02:47 GMT 1996 CHIP Bias

Wed Sep 18 18:03:58 GMT 1996 CHIP End Bias

Wed Sep 18 18:04:08 GMT 1996 CHIP Water

Wed Sep 18 18:05:00 GMT 1996 CHIP End Water

CHIP COMMENT: Wed Sep 18 18:09:02 GMT 1996

Stopping Patrol again to load another iteration of limb darkening reduction.

Wed Sep 18 18:11:38 GMT 1996 CHIP CHIP End Patrol

Wed Sep 18 18:12:47 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 18 18:27:38 GMT 1996 CHIP CHIP End Patrol
CHIP COMMENT: Wed Sep 18 18:27:39 GMT 1996
Loading another iteration.
Wed Sep 18 18:29:07 GMT 1996 CHIP CHIP Start Patrol
Wed Sep 18 18:41:44 GMT 1996 CHIP CHIP End Patrol
CHIP COMMENT: Wed Sep 18 18:42:47 GMT 1996
Loading another iteration.
Wed Sep 18 18:42:59 GMT 1996 CHIP CHIP Start Patrol
Wed Sep 18 18:52:44 GMT 1996 CHIP CHIP End Patrol
Wed Sep 18 18:53:46 GMT 1996 CHIP CHIP Start Patrol
Wed Sep 18 19:01:56 GMT 1996 dPMon Flat
Wed Sep 18 19:02:48 GMT 1996 dPMon End Flat
Wed Sep 18 19:06:14 GMT 1996 CHIP Bias
Wed Sep 18 19:07:28 GMT 1996 CHIP End Bias
Wed Sep 18 19:07:35 GMT 1996 CHIP Water
Wed Sep 18 19:08:18 GMT 1996 CHIP End Water
CHIP COMMENT: Wed Sep 18 19:15:17 GMT 1996
Loading another iteration.
Wed Sep 18 19:17:37 GMT 1996 CHIP CHIP End Patrol
Wed Sep 18 19:18:41 GMT 1996 CHIP CHIP Start Patrol
Wed Sep 18 19:29:38 GMT 1996 dPMon End Patrol
COMMENT: Wed Sep 18 19:29:51 GMT 1996
Stopping to reconfigure dome shutter.
Wed Sep 18 19:30:34 GMT 1996 CHIP CHIP End Patrol
Wed Sep 18 19:38:18 GMT 1996 dPMon Start Patrol
Wed Sep 18 19:38:27 GMT 1996 CHIP CHIP Start Patrol
DPMON COMMENT: Wed Sep 18 19:38:41 GMT 1996
Changed occulting disc from #6 to #5, 1961 to 1971.
Wed Sep 18 20:02:54 GMT 1996 dPMon Flat
Wed Sep 18 20:03:50 GMT 1996 dPMon End Flat
Wed Sep 18 20:05:18 GMT 1996 CHIP Gain
Wed Sep 18 20:10:04 GMT 1996 CHIP End Gain
Wed Sep 18 20:10:14 GMT 1996 CHIP Bias
Wed Sep 18 20:10:58 GMT 1996 CHIP End Bias
Wed Sep 18 20:11:08 GMT 1996 CHIP Water
Wed Sep 18 20:11:41 GMT 1996 CHIP End Water
Wed Sep 18 20:18:04 GMT 1996 CHIP CHIP End Patrol
Wed Sep 18 20:19:19 GMT 1996 CHIP CHIP Start Patrol
CHIP COMMENT: Wed Sep 18 20:19:18 GMT 1996
Starting Special.
CHIP COMMENT: Wed Sep 18 20:37:37 GMT 1996
FixCenter stall, fixing with new shell script: Fixbusy.
CHIP COMMENT: Wed Sep 18 20:41:51 GMT 1996
hung again in fixcenter restart after cancel optics
Wed Sep 18 21:02:51 GMT 1996 dPMon Flat
Wed Sep 18 21:02:53 GMT 1996 CHIP Bias
Wed Sep 18 21:03:43 GMT 1996 dPMon End Flat
Wed Sep 18 21:04:04 GMT 1996 CHIP End Bias

Wed Sep 18 21:04:14 GMT 1996 CHIP Water
Wed Sep 18 21:04:58 GMT 1996 CHIP End Water

COMMENT: Wed Sep 18 21:07:37 GMT 1996
orographic clouds now forming over head

CHIP COMMENT: Wed Sep 18 21:12:13 GMT 1996
fixcenter hang again with clouds

WEATHER COMMENT: Wed Sep 18 21:15:53 GMT 1996
In orographic clouds.

Wed Sep 18 21:28:42 GMT 1996 dPMon End Patrol
COMMENT: Wed Sep 18 21:28:46 GMT 1996

Stopping MKIII and DPMON due to clouds.

CHIP COMMENT: Wed Sep 18 21:29:03 GMT 1996
Lost X, Moving mike manually to center image.

CHIP COMMENT: Wed Sep 18 21:35:35 GMT 1996
Clouds thick and causing FixCenter runaways as program tries to find limb.
Stopping Special.

Wed Sep 18 21:36:22 GMT 1996 CHIP CHIP End Patrol

Wed Sep 18 21:43:32 GMT 1996 dPMon Start Patrol

Wed Sep 18 21:43:28 GMT 1996 CHIP CHIP Start Patrol

WEATHER COMMENT: Wed Sep 18 21:43:30 GMT 1996

Clear hole, starting systems back up.

Wed Sep 18 21:49:59 GMT 1996 dPMon End Patrol

Wed Sep 18 21:50:26 GMT 1996 CHIP CHIP End Patrol

WEATHER COMMENT: Wed Sep 18 21:50:14 GMT 1996

Back in orographic clouds. AllStop again.

WEATHER COMMENT: Wed Sep 18 22:59:14 GMT 1996

Still in orographic clouds.

MKIII COMMENT: Wed Sep 18 22:59:27 GMT 1996

CHANGE ### CHANGE ### CHANGE ### CHANGE ### CHANGE

Removed compensator plate assembly from optical chan 3 (Micro chan 1).

Moved last lens before beam splitter forward 2.25 mm.

Moved P and S detector assemblies forward 2.25 mm.

In heavy overcast so cannot check results of reconfiguration.

MKIII COMMENT: Wed Sep 18 23:11:47 GMT 1996

Starting Dark Noise test in Heavy overcast. Shutter closed,
spar pointing east. Taking two scans of dark data.

MKIII COMMENT: Wed Sep 18 23:21:14 GMT 1996

Noise test, spar pointing straight up, shutter closed.

Taking two scans.

MKIII COMMENT: Wed Sep 18 23:28:01 GMT 1996

Noise test with spar pointing west. Shutter closed.

Taking two scans.

Guider turned off.

MKIII COMMENT: Wed Sep 18 23:34:43 GMT 1996
Dark noise test done. DEC engineer is here to replace power
supply in 11/44 so we will shut down for now. Ending tape
H01391.

SCAN-LOG

SCAN-LOG 16:43:55. 9/18/96 DOY 262

16:50:52	16:54:08	16:57:24	17:00:40	17:03:55
17:07:11	17:10:24	17:13:38	17:16:53	17:20:13
17:23:25	17:26:39	17:29:51	17:33:05	17:36:18
17:39:36	17:42:51	17:46:04	17:49:16	17:52:29
17:55:40	17:58:53	18:02:04	1806 0 CL	18:08:56
1813 15CL	18:18:31	18:22:48	18:25:59	18:29:18
18:32:31	18:35:44	18:38:55	18:42:07	18:45:19
18:48:36	18:51:48	18:55:01	18:58:12	19:01:25
19:04:37	19:07:51	19:11:05	19:14:18	19:17:29
19:20:42	19:23:54	19:27:07	19:39:40	19:42:52
19:46:10	19:49:21	19:52:35	19:55:46	19:58:59
20:02:11	20:05:25	20:08:38	20:11:56	20:15:09
20:18:22	20:21:35	20:24:48	20:28:00	20:31:14
20:34:27	20:37:44	20:40:57	20:44:15	20:47:27
20:50:41	20:53:53	20:57:06	21:00:18	21:03:31
21:06:43	21:09:57	21:13:08	21:16:22	21:19:33
21:22:47	21:26:00	21:43:33	21:46:47	23:13:24
23:16:38	23:20:34	23:23:47	23:27:57	23:31:10

0 ERRORS

OK

COMMENT: Thu Sep 19 03:08:17 GMT 1996

Activity:

QP: 45; 235; 240; 290;

No coronal activity

tapes: MKIII: H01391

DPMON: P00712

CHIP: C00129

LOWL: L00415

Thu Sep 19 03:11:42 GMT 1996 CHIP CHIP End Patrol

Thu Sep 19 03:12:49 GMT 1996 CHIP ending tape