
Mauna Loa Solar Observatory Observer's Log

Thu Sep 5 16:43:04 GMT 1996

Year: 96 Doy: 249

Observer: yasukawa

WEATHER COMMENT: Thu Sep 5 16:43:10 GMT 1996

Cool, clear, light west breeze.

Thu Sep 5 16:43:25 GMT 1996 CHIP Startup--Initializing new tape

Thu Sep 5 16:49:18 GMT 1996 dPMon Start Patrol

Thu Sep 5 16:49:37 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Thu Sep 5 16:55:34 GMT 1996

CHIP drove off center. Manually centered M1.

COMMENT: Thu Sep 5 16:57:26 GMT 1996

Corrected time on nene -3 sec and kii +1 sec.

Thu Sep 5 17:01:59 GMT 1996 dPMon Flat

Thu Sep 5 17:02:54 GMT 1996 dPMon End Flat

Thu Sep 5 17:03:19 GMT 1996 CHIP Bias

Thu Sep 5 17:04:19 GMT 1996 CHIP End Bias

Thu Sep 5 17:04:27 GMT 1996 CHIP Water

Thu Sep 5 17:05:03 GMT 1996 CHIP End Water

CHIP COMMENT: Thu Sep 5 17:26:29 GMT 1996

Doing a Kill/Run cycle as requested by David Elmore to pickup
program changes.

Thu Sep 5 17:29:51 GMT 1996 CHIP CHIP Start Patrol

Thu Sep 5 18:01:58 GMT 1996 dPMon Flat

Thu Sep 5 18:02:50 GMT 1996 dPMon End Flat

Thu Sep 5 18:04:30 GMT 1996 CHIP Bias

Thu Sep 5 18:05:42 GMT 1996 CHIP End Bias

Thu Sep 5 18:05:52 GMT 1996 CHIP Water

Thu Sep 5 18:06:37 GMT 1996 CHIP End Water

Thu Sep 5 19:01:58 GMT 1996 dPMon Flat

Thu Sep 5 19:02:16 GMT 1996 CHIP Bias

Thu Sep 5 19:02:52 GMT 1996 dPMon End Flat

Thu Sep 5 19:03:29 GMT 1996 CHIP End Bias

Thu Sep 5 19:03:39 GMT 1996 CHIP Water

Thu Sep 5 19:04:25 GMT 1996 CHIP End Water

Thu Sep 5 19:50:52 GMT 1996 dPMon End Patrol

COMMENT: Thu Sep 5 19:50:55 GMT 1996

Stopping to reconfigure dome shutter.

Thu Sep 5 19:52:57 GMT 1996 CHIP CHIP End Patrol

WEATHER COMMENT: Thu Sep 5 20:00:24 GMT 1996

There is some beautifully structured altostratus to south.

Thu Sep 5 20:01:14 GMT 1996 dPMon Start Patrol

Thu Sep 5 20:01:24 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Thu Sep 5 20:03:13 GMT 1996

I may have missed the 2000 UT calcs and uploads, phone call from
CJG came in and delayed me enough to start back up right at 2000 UT.

MKIII COMMENT: Thu Sep 5 20:13:26 GMT 1996
Testing NOAA's new Gateway computer for noise.
Thu Sep 5 20:19:35 GMT 1996 CHIP CHIP End Patrol
Thu Sep 5 20:22:50 GMT 1996 CHIP CHIP Start Patrol
WEATHER COMMENT: Thu Sep 5 20:30:27 GMT 1996
In altostratus.
MKIII COMMENT: Thu Sep 5 20:31:13 GMT 1996
Putting opal in to do noaa test, sky was too noisy to get a
definitive conclusion.
MKIII COMMENT: Thu Sep 5 20:38:44 GMT 1996
Will turn Gateway computer off mid-scan to get a on/off
comparison with an on scan with opal in.
MKIII COMMENT: Thu Sep 5 20:45:36 GMT 1996
Taking opal out.
MKIII COMMENT: Thu Sep 5 20:47:24 GMT 1996
will need to get a scan with opal in and Gateway off for a
good test. Putting opal in at end of scan.
MKIII COMMENT: Thu Sep 5 20:56:19 GMT 1996
Opal out, Gateway off, test pau.... hopefully.
Thu Sep 5 21:01:50 GMT 1996 dPMon Flat
Thu Sep 5 21:02:43 GMT 1996 dPMon End Flat
Thu Sep 5 21:03:42 GMT 1996 CHIP Bias
Thu Sep 5 21:04:49 GMT 1996 CHIP End Bias
Thu Sep 5 21:04:57 GMT 1996 CHIP Water
Thu Sep 5 21:05:40 GMT 1996 CHIP End Water
MKIII COMMENT: Thu Sep 5 21:08:06 GMT 1996
Noise overall in comparison. results not conclusive.
MKIII COMMENT: Thu Sep 5 21:10:10 GMT 1996
Trying opal in, gateway off again.
MKIII COMMENT: Thu Sep 5 21:14:54 GMT 1996
Opal out.
MKIII COMMENT: Thu Sep 5 21:29:40 GMT 1996
I want to try a coronal vdiff in good sky so I will turn
Gateway on overnight for NOAA after shutdown and ask DAK to
do a VDIFF with early scans, Gateway on/off tomorrow morning.
COMMENT: Thu Sep 5 21:31:40 GMT 1996
Going down to GONG to do monthly PM.
WEATHER COMMENT: Thu Sep 5 21:32:46 GMT 1996
Orographic clouds approaching, may get wiped out while down there,
Fog or rain unlikely.
Thu Sep 5 21:36:38 GMT 1996 dPMon End Patrol
WEATHER COMMENT: Thu Sep 5 21:36:40 GMT 1996
In orographic clouds. Stopping and closing dome to be safe.
Thu Sep 5 21:38:51 GMT 1996 CHIP CHIP End Patrol
COMMENT: Thu Sep 5 22:44:50 GMT 1996
Activity report:
QP: 75; 225-235; 252-270; 315;
No coronal activity

TAPES: MKIII: H01379
DPMON: P00701
CHIP: C00117
LOWL: L00412

SCAN-LOG

SCAN-LOG 16:48:34. 9/5/96 DOY 249

17:05:00	17:08:18	17:11:33	17:14:50	17:18:03
17:21:18	17:24:31	17:27:44	17:30:57	17:34:13
17:37:27	17:40:41	17:43:54	17:47:07	17:50:19
17:53:33	17:56:46	18:00:00	18:03:12	1807 0 CL
18:10:16	1815 15CL	18:18:51	18:22:44	18:25:57
18:29:11	18:32:24	18:35:38	18:38:51	18:42:08
18:45:20	18:48:33	18:51:44	18:54:56	18:58:07
19:01:19	19:04:30	19:07:44	19:10:56	19:14:13
19:17:24	19:20:36	19:23:47	19:26:59	19:30:10
19:33:23	19:36:34	19:39:48	19:42:59	19:46:11
19:49:24	20:05:08	20:08:20	20:11:34	20:14:45
20:18:00	20:21:12	20:24:32	20:27:44	20:32:16
20:35:28	20:38:42	20:41:54	20:45:55	20:49:08
20:52:21	20:55:32	20:58:50	21:02:03	21:05:17
21:08:30	21:11:43	21:14:55	21:18:12	21:21:24
21:24:36	21:27:48	21:31:00	21:34:12	

0 ERRORS

OK