

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Fri Apr 2 16:41:25 GMT 1999

Year: 99 Doy: 092

Observer: yasukawa

WEATHER COMMENT: Fri Apr 2 16:41:38 GMT 1999

Cool, scattered cirrus, light south breeze.

Fri Apr 2 16:45:30 GMT 1999 CHIP Startup--Initializing new tape

Fri Apr 2 16:47:42 GMT 1999 PICS Start Patrol

Fri Apr 2 16:48:05 GMT 1999 MKIII Start Patrol

Fri Apr 2 16:48:03 GMT 1999 CHIP CHIP Start Patrol

Fri Apr 2 17:00:32 GMT 1999 PICS Flat

Fri Apr 2 17:00:50 GMT 1999 CHIP Bias

Fri Apr 2 17:02:00 GMT 1999 PICS End Flat

Fri Apr 2 17:02:00 GMT 1999 PICS End Flat

Fri Apr 2 17:02:09 GMT 1999 CHIP Water

Fri Apr 2 17:02:45 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Apr 2 17:40:23 GMT 1999

In cirrus.

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Apr 2 17:49:51 GMT 1999

Slow EPL or AP at PA 315-325, changing since start-up, RV 1.15.

WEATHER COMMENT: Fri Apr 2 17:50:55 GMT 1999

Clear hole.

Fri Apr 2 17:52:42 GMT 1999 MKIII Start Cal

Fri Apr 2 18:00:30 GMT 1999 PICS Flat

Fri Apr 2 18:01:57 GMT 1999 PICS End Flat

Fri Apr 2 18:02:46 GMT 1999 CHIP Bias

Fri Apr 2 18:03:47 GMT 1999 CHIP End Bias

Fri Apr 2 18:03:57 GMT 1999 CHIP Water

Fri Apr 2 18:04:36 GMT 1999 CHIP End Water

Fri Apr 2 18:12:56 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Fri Apr 2 18:43:48 GMT 1999

In cirrus.

Fri Apr 2 19:00:41 GMT 1999 PICS Flat

Fri Apr 2 19:01:54 GMT 1999 CHIP Bias

Fri Apr 2 19:02:10 GMT 1999 PICS End Flat

Fri Apr 2 19:02:48 GMT 1999 CHIP End Bias

Fri Apr 2 19:02:58 GMT 1999 CHIP Water

Fri Apr 2 19:03:38 GMT 1999 CHIP End Water

\*\*MKIV PROBLEM\*\*: Fri Apr 2 19:07:31 GMT 1999

Just noticed barrel is stalled at 278/279 degrees. It has not recovered after a short wait as prescribed in the manual's trouble section.

Trying a KCC reset.

\*\*MKIV PROBLEM\*\*: Fri Apr 2 19:12:52 GMT 1999

Barrel restarted after the reset. Waiting for cirrus to thin or clear before restarting Patrol.

\*\*MKIV PROBLEM\*\*: Fri Apr 2 19:16:39 GMT 1999

Judging by how the barrel rotated to initialize, the stall was likely caused the barrel rotating past the turn-around and running to the limit.

COMMENT: Fri Apr 2 19:43:27 GMT 1999

Stopping to reconfigure dome shutter.

Patrol

Fri Apr 2 19:45:20 GMT 1999 CHIP CHIP End Patrol

Fri Apr 2 19:50:53 GMT 1999 CHIP CHIP Start Patrol

Fri Apr 2 19:50:58 GMT 1999 PICS Start Patrol

Fri Apr 2 20:01:08 GMT 1999 CHIP Gain

Fri Apr 2 20:01:31 GMT 1999 PICS Flat

WEATHER COMMENT: Fri Apr 2 20:03:08 GMT 1999

PICS End Flat

Cirrus quite heavy.

Fri Apr 2 20:05:26 GMT 1999 PICS End Patrol

Fri Apr 2 20:05:45 GMT 1999 CHIP End Gain

Fri Apr 2 20:05:55 GMT 1999 CHIP Bias

Fri Apr 2 20:06:44 GMT 1999 CHIP End Bias

Fri Apr 2 20:06:54 GMT 1999 CHIP Water

Fri Apr 2 20:07:28 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Apr 2 20:18:23 GMT 1999  
Orographic clouds are making their way upslope.  
Fri Apr 2 20:23:35 GMT 1999 PICS Start Patrol  
WEATHER COMMENT: Fri Apr 2 20:32:21 GMT 1999  
In orographic clouds.  
Fri Apr 2 20:45:53 GMT 1999 PICS End Patrol  
Fri Apr 2 20:46:35 GMT 1999 CHIP CHIP End Patrol  
\*\*PSPT PROBLEM\*\*: Fri Apr 2 20:47:20 GMT 1999  
In heavy orographic clouds, PSPT is pointing off to the south at the  
dome wall.  
Fri Apr 2 20:54:34 GMT 1999 CHIP ending tape  
COMMENT: Fri Apr 2 20:58:34 GMT 1999  
Tapes:  
MKIV: 99-092  
PICS: P01402  
CHIP: C00814  
LOWL: L00589  
COMMENT: Fri Apr 2 21:00:06 GMT 1999  
Greg Card is on site to make modifications to LOWL.  
Fri Apr 2 21:00:51 GMT 1999  
MkIII

16_48.rawmk3	17_07.rawmk3	17_27.rawmk3	17_46.rawmk3	18_16.rawmk3
16_51.rawmk3	17_10.rawmk3	17_30.rawmk3	17_49.rawmk3	18_19.rawmk3
16_54.rawmk3	17_14.rawmk3	17_33.rawmk3	17_56.rawmk3	18_22.rawmk3
16_57.rawmk3	17_17.rawmk3	17_36.rawmk3	18_02.rawmk3	c17_52.rawmk3
17_01.rawmk3	17_20.rawmk3	17_39.rawmk3	18_09.rawmk3	c17_59.rawmk3
17_04.rawmk3	17_23.rawmk3	17_43.rawmk3	18_13.rawmk3	c18_06.rawmk3