
Mauna Loa Solar Observatory Observer's Log

Fri Feb 19 17:06:25 GMT 1999

Year: 99 Doy: 050

Observer: yasukawa

WEATHER COMMENT: Fri Feb 19 17:08:03 GMT 1999

Coll, clear, light south breeze. High clouds to north.

Fri Feb 19 17:13:32 GMT 1999 CHIP Startup--Initializing new tape

Fri Feb 19 17:16:59 GMT 1999 CHIP CHIP Start Patrol

Fri Feb 19 18:02:50 GMT 1999 CHIP Bias

Fri Feb 19 18:03:42 GMT 1999 CHIP End Bias

Fri Feb 19 18:03:49 GMT 1999 CHIP Water

Fri Feb 19 18:04:25 GMT 1999 CHIP End Water

Fri Feb 19 18:34:20 GMT 1999 MKIII Start Cal

Fri Feb 19 18:54:27 GMT 1999 MKIII Start Patrol

Fri Feb 19 19:01:54 GMT 1999 CHIP Bias

Fri Feb 19 19:02:45 GMT 1999 CHIP End Bias

Fri Feb 19 19:02:53 GMT 1999 CHIP Water

Fri Feb 19 19:03:29 GMT 1999 CHIP End Water

CHIP COMMENT: Fri Feb 19 19:04:04 GMT 1999

Stopping to inspect optics. Trying to find cause of double limb in SW.

Fri Feb 19 19:06:26 GMT 1999 CHIP CHIP End Patrol

Fri Feb 19 19:49:13 GMT 1999 CHIP CHIP Start Patrol

MKIV COMMENT: Fri Feb 19 19:49:44 GMT 1999

Bumping spar around while working on CHIP.

wl

In moderate cirrus. Orographic clouds forming around station.

CHIP COMMENT: Fri Feb 19 20:27:32 GMT 1999

May have found the problem. There were spots of oil on the front surface of the Lyot filter's entry optics. After wiping it away with ethyl alcohol and polishing and dusting the filter, I looked at the camera image using video and the dark line disappeared. Tried a test Patrol with the covers in place but not secured and the second light limb disappeared from the display image. Buttoned up all of the covers. Resuming Patrol in cirrus.

WEATHER COMMENT: Fri Feb 19 20:53:12 GMT 1999

In orographic clouds.

Fri Feb 19 20:57:01 GMT 1999 MKIII End Patrol

Fri Feb 19 21:02:03 GMT 1999 CHIP Bias

Fri Feb 19 21:03:00 GMT 1999 CHIP End Bias

Fri Feb 19 21:03:10 GMT 1999 CHIP Water

Fri Feb 19 21:03:53 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Feb 19 21:09:45 GMT 1999

Ugh! orographic clouds are very thick now.

Fri Feb 19 21:16:21 GMT 1999 CHIP CHIP End Patrol

Fri Feb 19 21:16:51 GMT 1999 CHIP ending tape

COMMENT: Fri Feb 19 21:21:37 GMT 1999

Tapes:

MKIV: 99-050

CHIP: C00787

LOWL: L00581

Fri Feb 19 21:24:30 GMT 1999

MkIII

17_17.rawmk3	18_02.rawmk3	18_57.rawmk3	19_42.rawmk3	20_28.rawmk3
17_20.rawmk3	18_05.rawmk3	19_01.rawmk3	19_46.rawmk3	20_31.rawmk3
17_23.rawmk3	18_08.rawmk3	19_04.rawmk3	19_49.rawmk3	20_34.rawmk3
17_26.rawmk3	18_11.rawmk3	19_07.rawmk3	19_52.rawmk3	20_37.rawmk3
17_30.rawmk3	18_15.rawmk3	19_10.rawmk3	19_55.rawmk3	20_41.rawmk3
17_33.rawmk3	18_18.rawmk3	19_13.rawmk3	19_59.rawmk3	20_44.rawmk3
17_36.rawmk3	18_21.rawmk3	19_17.rawmk3	20_02.rawmk3	20_47.rawmk3
17_39.rawmk3	18_24.rawmk3	19_20.rawmk3	20_05.rawmk3	20_50.rawmk3
17_43.rawmk3	18_28.rawmk3	19_23.rawmk3	20_08.rawmk3	20_53.rawmk3

17_46.rawmk3	18_31.rawmk3	19_26.rawmk3	20_11.rawmk3	c18_34.rawmk3
17_49.rawmk3	18_37.rawmk3	19_30.rawmk3	20_15.rawmk3	c18_41.rawmk3
17_52.rawmk3	18_44.rawmk3	19_33.rawmk3	20_18.rawmk3	c18_47.rawmk3
17_55.rawmk3	18_51.rawmk3	19_36.rawmk3	20_21.rawmk3	
17_59.rawmk3	18_54.rawmk3	19_39.rawmk3	20_24.rawmk3	