
Mauna Loa Solar Observatory Observer's Log

Tue Sep 1 16:28:20 GMT 1998

Year: 98 Doy: 244

Observer: yasukawa

WEATHER COMMENT: Tue Sep 1 16:29:06 GMT 1998

Cool, clear, no wind.

Tue Sep 1 16:30:28 GMT 1998 CHIP Startup--Initializing new tape

Tue Sep 1 16:37:03 GMT 1998 CHIP CHIP Start Patrol

Tue Sep 1 16:37:26 GMT 1998 PICS Start Patrol

Tue Sep 1 16:37:35 GMT 1998 MKIII Start Patrol

PSPT COMMENT: Tue Sep 1 16:44:38 GMT 1998

Pumping down the camera.

Tue Sep 1 17:01:48 GMT 1998 CHIP Bias

Tue Sep 1 17:02:38 GMT 1998 PICS Flat

Tue Sep 1 17:02:47 GMT 1998 CHIP End Bias

Tue Sep 1 17:02:57 GMT 1998 CHIP Water

Tue Sep 1 17:03:35 GMT 1998 CHIP End Water

Tue Sep 1 17:04:09 GMT 1998 PICS End Flat

PSPT COMMENT: Tue Sep 1 17:13:47 GMT 1998

PSPT camera pump-down procedure complete, starting observing run.

I've left instruction for Darryl to check the vacuum status

tomorrow and reseal the valve if necessary and re-pump it down.

Tue Sep 1 18:00:52 GMT 1998 CHIP Bias

Tue Sep 1 18:01:57 GMT 1998 CHIP End Bias

Tue Sep 1 18:02:06 GMT 1998 CHIP Water

Tue Sep 1 18:02:36 GMT 1998 PICS Flat

Tue Sep 1 18:02:44 GMT 1998 CHIP End Water

Tue Sep 1 18:04:06 GMT 1998 PICS End Flat

Tue Sep 1 19:00:54 GMT 1998 CHIP Bias

Tue Sep 1 19:01:48 GMT 1998 CHIP End Bias

Tue Sep 1 19:01:58 GMT 1998 CHIP Water

Tue Sep 1 19:02:39 GMT 1998 PICS Flat

Tue Sep 1 19:02:39 GMT 1998 PICS Flat

Tue Sep 1 19:04:14 GMT 1998 PICS End Flat

MKIII COMMENT: Tue Sep 1 19:04:43 GMT 1998

Running height mask scan.

Tue Sep 1 19:13:38 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Tue Sep 1 19:14:33 GMT 1998

Only got masked scans in one direction. Trying to get it in the other direction.

19:26:23 GMT 1998 CHIP CHIP End Patrol

Tue Sep 1 19:26:40 GMT 1998 PICS End Patrol

Tue Sep 1 19:33:56 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Tue Sep 1 19:34:15 GMT 1998

Patrol with the opal in worked. Using Cal-0 button only scans in one direction.

Start Patrol

COMMENT: Tue Sep 1 19:35:05 GMT 1998

Reconfigured dome shutter after reconfiguring the MKIII back to normal.

PSPT COMMENT: Tue Sep 1 19:44:35 GMT 1998

Darryl will be on vacation 9/2 and 9/3 so I will check vacuum on Friday, 9/4 and pump the camera back down, after re-sealing the valve assembly if necessary.

| | | |
|-----------------------------|------|-----------|
| Tue Sep 1 20:01:48 GMT 1998 | CHIP | Gain |
| Tue Sep 1 20:02:43 GMT 1998 | PICS | Flat |
| Tue Sep 1 20:04:10 GMT 1998 | PICS | End Flat |
| Tue Sep 1 20:06:28 GMT 1998 | CHIP | End Gain |
| Tue Sep 1 20:06:41 GMT 1998 | CHIP | Bias |
| Tue Sep 1 20:07:35 GMT 1998 | CHIP | End Bias |
| Tue Sep 1 20:07:45 GMT 1998 | CHIP | Water |
| Tue Sep 1 20:08:20 GMT 1998 | CHIP | End Water |
| Tue Sep 1 21:02:42 GMT 1998 | PICS | Flat |
| Tue Sep 1 21:02:51 GMT 1998 | CHIP | Bias |
| Tue Sep 1 21:03:56 GMT 1998 | CHIP | End Bias |
| Tue Sep 1 21:04:08 GMT 1998 | PICS | End Flat |
| Tue Sep 1 21:04:08 GMT 1998 | PICS | End Flat |
| Tue Sep 1 21:04:53 GMT 1998 | CHIP | End Water |

PSPT COMMENT: Tue Sep 1 21:19:16 GMT 1998

Adjusted oil level in vacuum pump. Noticed oil was way above the level in the oil level indicator sight glass.

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|-----------------------------|------|------------|
| Tue Sep 1 22:02:40 GMT 1998 | PICS | Flat |
| Tue Sep 1 22:02:51 GMT 1998 | CHIP | Bias |
| Tue Sep 1 22:04:01 GMT 1998 | CHIP | End Bias |
| Tue Sep 1 22:04:10 GMT 1998 | CHIP | Water |
| Tue Sep 1 22:04:10 GMT 1998 | CHIP | Water |
| Tue Sep 1 22:04:55 GMT 1998 | CHIP | End Water |
| Tue Sep 1 22:08:33 GMT 1998 | PICS | End Patrol |
| Tue Sep 1 22:08:33 GMT 1998 | PICS | End Patrol |

COMMENT: Tue Sep 1 22:09:20 GMT 1998

Tapes:

PICS: P01283

CHIP: C00680

LOWL: L00540

Tue Sep 1 22:12:47 GMT 1998

MkIII

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|--------------|--------------|--------------|--------------|--------------|
| 16_37.rawmk3 | 17_42.rawmk3 | 18_56.rawmk3 | 20_29.rawmk3 | 21_33.rawmk3 |
| 16_40.rawmk3 | 17_45.rawmk3 | 19_13.rawmk3 | 20_32.rawmk3 | 21_36.rawmk3 |
| 16_43.rawmk3 | 17_47.rawmk3 | 19_19.rawmk3 | 20_35.rawmk3 | 21_39.rawmk3 |
| 16_46.rawmk3 | 17_50.rawmk3 | 19_34.rawmk3 | 20_38.rawmk3 | 21_42.rawmk3 |
| 16_49.rawmk3 | 17_53.rawmk3 | 19_36.rawmk3 | 20_41.rawmk3 | 21_45.rawmk3 |
| 16_52.rawmk3 | 17_56.rawmk3 | 19_39.rawmk3 | 20_44.rawmk3 | 21_48.rawmk3 |

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|--------------|--------------|--------------|--------------|---------------|
| 16_55.rawmk3 | 17_59.rawmk3 | 19_42.rawmk3 | 20_47.rawmk3 | 21_51.rawmk3 |
| 16_58.rawmk3 | 18_02.rawmk3 | 19_45.rawmk3 | 20_49.rawmk3 | 21_54.rawmk3 |
| 17_01.rawmk3 | 18_08.rawmk3 | 19_48.rawmk3 | 20_52.rawmk3 | 21_57.rawmk3 |
| 17_04.rawmk3 | 18_14.rawmk3 | 19_51.rawmk3 | 20_55.rawmk3 | 22_00.rawmk3 |
| 17_07.rawmk3 | 18_20.rawmk3 | 19_54.rawmk3 | 20_58.rawmk3 | 22_02.rawmk3 |
| 17_09.rawmk3 | 18_23.rawmk3 | 19_57.rawmk3 | 21_01.rawmk3 | 22_05.rawmk3 |
| 17_12.rawmk3 | 18_26.rawmk3 | 20_00.rawmk3 | 21_04.rawmk3 | 22_08.rawmk3 |
| 17_15.rawmk3 | 18_29.rawmk3 | 20_03.rawmk3 | 21_07.rawmk3 | c18_05.rawmk3 |
| 17_18.rawmk3 | 18_32.rawmk3 | 20_06.rawmk3 | 21_10.rawmk3 | c18_11.rawmk3 |
| 17_21.rawmk3 | 18_35.rawmk3 | 20_09.rawmk3 | 21_13.rawmk3 | c18_17.rawmk3 |
| 17_24.rawmk3 | 18_38.rawmk3 | 20_11.rawmk3 | 21_16.rawmk3 | c19_04.rawmk3 |
| 17_27.rawmk3 | 18_41.rawmk3 | 20_14.rawmk3 | 21_19.rawmk3 | c19_07.rawmk3 |
| 17_30.rawmk3 | 18_44.rawmk3 | 20_17.rawmk3 | 21_22.rawmk3 | |
| 17_33.rawmk3 | 18_47.rawmk3 | 20_20.rawmk3 | 21_25.rawmk3 | |
| 17_36.rawmk3 | 18_50.rawmk3 | 20_23.rawmk3 | 21_27.rawmk3 | |
| 17_39.rawmk3 | 18_53.rawmk3 | 20_26.rawmk3 | 21_30.rawmk3 | |