
Mauna Loa Solar Observatory Observer's Log

Sat Dec 27 17:03:28 GMT 1997

Year: 97 Doy: 361

Observer: koon

Sat Dec 27 17:03:46 GMT 1997 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sat Dec 27 17:04:08 GMT 1997

Clear sky, wind=5 mph from the SE, temp=40 F.

WEATHER COMMENT: Sat Dec 27 17:07:55 GMT 1997

Have to wait for the sun to rise before locking spar tracking and starting observations. I can see that there is a thin cirrostratus layer near the sun.

MKIII COMMENT: Sat Dec 27 17:17:01 GMT 1997

*****RECYCLING H01710*****

MKIII COMMENT: Sat Dec 27 17:25:14 GMT 1997

Pointed the Spar to the sun but the O1 guiders stopped working as they sometimes mysteriously do. May get bad occulting (a.k.a. "smudging").

Sat Dec 27 17:28:41 GMT 1997 MKIII Start Patrol

Sat Dec 27 17:29:01 GMT 1997 CHIP CHIP Start Patrol

PICS COMMENT: Sat Dec 27 17:36:43 GMT 1997

Didn't get past Program:init, did Kill/Run to fix.

Sat Dec 27 17:39:05 GMT 1997 PICS Start Patrol

MKIII COMMENT: Sat Dec 27 17:47:22 GMT 1997

O1 guiding to be guiding in declination at least now.

LOW-L COMMENT: Sat Dec 27 17:54:44 GMT 1997

L00488 popped out of drive a few days ago as it should have, installed L00490 into drive #1.

PSPT COMMENT: Sat Dec 27 17:57:25 GMT 1997

Holding off on observations with this instrument due to thin cirrostratus.

MKIII COMMENT: Sat Dec 27 17:57:58 GMT 1997

Pausing this instrument due to thin cirrostratus, it looks like the O1 guiders are working again.

Sat Dec 27 18:02:03 GMT 1997 PICS Flat

Sat Dec 27 18:03:03 GMT 1997 CHIP Bias

Sat Dec 27 18:03:29 GMT 1997 PICS End Flat

Sat Dec 27 18:04:08 GMT 1997 CHIP End Bias

Sat Dec 27 18:04:18 GMT 1997 CHIP Water

Sat Dec 27 18:05:02 GMT 1997 CHIP End Water

Sat Dec 27 19:00:08 GMT 1997 PICS Flat

Sat Dec 27 19:01:34 GMT 1997 PICS End Flat

Sat Dec 27 19:03:10 GMT 1997 CHIP Bias

Sat Dec 27 19:04:08 GMT 1997 CHIP End Bias

Sat Dec 27 19:04:18 GMT 1997 CHIP Water

Sat Dec 27 19:05:05 GMT 1997 CHIP End Water

Sat Dec 27 19:53:27 GMT 1997 MKIII Start Patrol
 MKIII COMMENT: Sat Dec 27 19:53:30 GMT 1997
 Sky cleared enough to start this again.
 PSPT COMMENT: Sat Dec 27 19:53:46 GMT 1997
 Sky cleared enough to start this instrument.

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|------------------------------|------|-----------|
| Sat Dec 27 20:01:09 GMT 1997 | PICS | Flat |
| Sat Dec 27 20:02:35 GMT 1997 | PICS | End Flat |
| Sat Dec 27 20:03:02 GMT 1997 | CHIP | Gain |
| Sat Dec 27 20:09:05 GMT 1997 | CHIP | End Gain |
| Sat Dec 27 20:09:15 GMT 1997 | CHIP | Bias |
| Sat Dec 27 20:10:10 GMT 1997 | CHIP | End Bias |
| Sat Dec 27 20:10:19 GMT 1997 | CHIP | Water |
| Sat Dec 27 20:11:00 GMT 1997 | CHIP | End Water |
| Sat Dec 27 21:02:08 GMT 1997 | PICS | Flat |
| Sat Dec 27 21:03:04 GMT 1997 | CHIP | Bias |
| Sat Dec 27 21:03:36 GMT 1997 | PICS | End Flat |
| Sat Dec 27 21:04:04 GMT 1997 | CHIP | End Bias |
| Sat Dec 27 21:04:17 GMT 1997 | CHIP | Water |
| Sat Dec 27 21:05:10 GMT 1997 | CHIP | End Water |

MKIII COMMENT: Sat Dec 27 21:47:58 GMT 1997
 Forgot to do a cal until now, luckily the sky isn't noisy.

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|------------------------------|------|-----------------|
| Sat Dec 27 22:00:10 GMT 1997 | PICS | Flat |
| Sat Dec 27 22:01:50 GMT 1997 | PICS | End Flat |
| Sat Dec 27 22:03:03 GMT 1997 | CHIP | Bias |
| Sat Dec 27 22:04:09 GMT 1997 | CHIP | End Bias |
| Sat Dec 27 22:04:21 GMT 1997 | CHIP | Water |
| Sat Dec 27 22:05:09 GMT 1997 | CHIP | End Water |
| Sat Dec 27 22:16:35 GMT 1997 | PICS | End Patrol |
| Sat Dec 27 22:17:22 GMT 1997 | CHIP | CHIP End Patrol |
| Sat Dec 27 22:30:12 GMT 1997 | CHIP | ending tape |

COMMENT: Sat Dec 27 22:34:42 GMT 1997

TAPES:

 MKIII: H01711
 PICS: P01072
 CHIP: C00458
 LOWL: L00489 in drive #0

Sat Dec 27 22:35:45 GMT 1997
 MkIII

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| 17_28.rawmk3 | 19_59.rawmk3 | 20_34.rawmk3 | 21_09.rawmk3 | 21_44.rawmk3 |
| 17_31.rawmk3 | 20_02.rawmk3 | 20_37.rawmk3 | 21_12.rawmk3 | 21_47.rawmk3 |
| 17_34.rawmk3 | 20_05.rawmk3 | 20_40.rawmk3 | 21_15.rawmk3 | 21_53.rawmk3 |
| 17_37.rawmk3 | 20_08.rawmk3 | 20_43.rawmk3 | 21_18.rawmk3 | 22_00.rawmk3 |
| 17_40.rawmk3 | 20_11.rawmk3 | 20_46.rawmk3 | 21_21.rawmk3 | 22_06.rawmk3 |
| 17_43.rawmk3 | 20_14.rawmk3 | 20_49.rawmk3 | 21_24.rawmk3 | 22_09.rawmk3 |

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|--------------|--------------|--------------|--------------|---------------|
| 17_46.rawmk3 | 20_16.rawmk3 | 20_52.rawmk3 | 21_27.rawmk3 | 22_12.rawmk3 |
| 17_49.rawmk3 | 20_19.rawmk3 | 20_54.rawmk3 | 21_30.rawmk3 | 22_15.rawmk3 |
| 17_52.rawmk3 | 20_22.rawmk3 | 20_57.rawmk3 | 21_32.rawmk3 | 22_18.rawmk3 |
| 17_55.rawmk3 | 20_25.rawmk3 | 21_00.rawmk3 | 21_35.rawmk3 | c21_50.rawmk3 |
| 19_53.rawmk3 | 20_28.rawmk3 | 21_03.rawmk3 | 21_38.rawmk3 | c21_56.rawmk3 |
| 19_56.rawmk3 | 20_31.rawmk3 | 21_06.rawmk3 | 21_41.rawmk3 | c22_03.rawmk3 |