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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 10 17:13:35 GMT 1997

Year: 97 Doy: 344

Observer: koon

WEATHER COMMENT: Wed Dec 10 17:13:38 GMT 1997

Thin to medium cirrostratus, wind=20 mph from the SW, temp=40 F, high wind warning in effect for the summit with winds from the West up to 70 mph.

Wed Dec 10 17:15:29 GMT 1997 CHIP Startup--Initializing new tape

Wed Dec 10 17:20:52 GMT 1997 CHIP CHIP Start Patrol

Wed Dec 10 17:20:52 GMT 1997 CHIP CHIP Start Patrol

MKIII COMMENT: Wed Dec 10 17:22:42 GMT 1997

Will wait for clouds to clear before starting this instrument.

Wed Dec 10 18:01:02 GMT 1997 CHIP Bias

Wed Dec 10 18:01:02 GMT 1997 CHIP Bias

Wed Dec 10 18:02:06 GMT 1997 CHIP End Bias

Wed Dec 10 18:02:14 GMT 1997 CHIP Water

Wed Dec 10 18:02:25 GMT 1997 PICS End Flat

Wed Dec 10 18:02:58 GMT 1997 CHIP End Water

Wed Dec 10 19:01:09 GMT 1997 CHIP Bias

Wed Dec 10 19:02:02 GMT 1997 PICS Flat

Wed Dec 10 19:02:08 GMT 1997 CHIP End Bias

Wed Dec 10 19:02:15 GMT 1997 CHIP Water

Wed Dec 10 19:03:01 GMT 1997 CHIP End Water

Wed Dec 10 19:03:28 GMT 1997 PICS End Flat

Wed Dec 10 20:01:04 GMT 1997 CHIP Gain

Wed Dec 10 20:03:03 GMT 1997 PICS Flat

Wed Dec 10 20:04:26 GMT 1997 PICS End Flat

Wed Dec 10 20:07:05 GMT 1997 CHIP End Gain

Wed Dec 10 20:07:12 GMT 1997 CHIP Bias

Wed Dec 10 20:08:05 GMT 1997 CHIP End Bias

Wed Dec 10 20:08:12 GMT 1997 CHIP Water

Wed Dec 10 20:08:50 GMT 1997 CHIP End Water

Wed Dec 10 20:49:08 GMT 1997 MKIII Start Patrol

Wed Dec 10 21:01:02 GMT 1997 CHIP Bias

Wed Dec 10 21:01:12 GMT 1997 PICS Flat

Wed Dec 10 21:02:04 GMT 1997 CHIP End Bias

Wed Dec 10 21:02:14 GMT 1997 CHIP Water

Wed Dec 10 21:02:43 GMT 1997 PICS End Flat

Wed Dec 10 21:03:01 GMT 1997 CHIP End Water

MKIII COMMENT: Wed Dec 10 21:40:05 GMT 1997

I tried to see the possible light leak that Donna discovered, I closed the shutter and ran Patrol, so I guess this was put onto tape. I didn't

notice any obvious bright spot but will investigate further.

Wed Dec 10 21:41:57 GMT 1997 MKIII Start Patrol

Wed Dec 10 22:01:01 GMT 1997 CHIP Bias

Wed Dec 10 22:01:59 GMT 1997 CHIP End Bias

Wed Dec 10 22:02:12 GMT 1997	CHIP	Water
Wed Dec 10 22:02:12 GMT 1997	CHIP	Water
Wed Dec 10 22:03:02 GMT 1997	CHIP	End Water
Wed Dec 10 22:03:39 GMT 1997	PICS	End Flat
Wed Dec 10 23:00:08 GMT 1997	PICS	Flat
Wed Dec 10 23:01:03 GMT 1997	CHIP	Bias
Wed Dec 10 23:01:35 GMT 1997	PICS	End Flat
Wed Dec 10 23:02:08 GMT 1997	CHIP	End Bias
Wed Dec 10 23:02:18 GMT 1997	CHIP	Water
Wed Dec 10 23:03:07 GMT 1997	CHIP	End Water
Wed Dec 10 23:06:47 GMT 1997	PICS	End Patrol
Wed Dec 10 23:12:38 GMT 1997	CHIP	CHIP End Patrol
Wed Dec 10 23:13:58 GMT 1997	CHIP	ending tape

MKIII COMMENT: Wed Dec 10 23:14:26 GMT 1997

I couldn't find any obvious light leaks on the telescope. The image Donna was referring to definitely shows what appears to be a large light leak in the CH 0 I-data. Since I couldn't duplicate the appearance of a light leak it is probably a problem with the shutter mechanism. I'll look at that tomorrow morning.

MKIII COMMENT: Wed Dec 10 23:18:02 GMT 1997

No data due to cirrostratus all day, will recycle the tape.

TAPES:

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PICS: P01057

CHIP: C00443

LOWL: L00487 in drive #0