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Mauna Loa Solar Observatory Observer's Log  
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Sat Apr 24 16:48:38 GMT 1999

Year: 99 Doy: 114

Observer:koon

WEATHER COMMENT: Sat Apr 24 16:49:38 GMT 1999

Clear sky, wind=10 mph from the East, temp=40 F.

alizing new tape

Sat Apr 24 16:54:14 GMT 1999	MKIII	Start Patrol
Sat Apr 24 16:54:18 GMT 1999	PICS	Start Patrol
Sat Apr 24 16:54:18 GMT 1999	PICS	Start Patrol
Sat Apr 24 17:00:50 GMT 1999	CHIP	Bias
Sat Apr 24 17:01:43 GMT 1999	PICS	Flat
Sat Apr 24 17:01:43 GMT 1999	PICS	Flat
Sat Apr 24 17:01:52 GMT 1999	CHIP	Water
Sat Apr 24 17:02:30 GMT 1999	CHIP	End Water
Sat Apr 24 17:03:21 GMT 1999	PICS	End Flat
Sat Apr 24 17:13:39 GMT 1999	PICS	End Patrol
Sat Apr 24 17:14:06 GMT 1999	MKIII	Start Patrol
Sat Apr 24 17:39:03 GMT 1999	PICS	Start Patrol

PICS COMMENT: Sat Apr 24 17:40:44 GMT 1999

Image was off, stopped Patrol and aligned it a little then started Patrol.

Sat Apr 24 18:01:34 GMT 1999	PICS	Flat
Sat Apr 24 18:02:54 GMT 1999	CHIP	Bias
Sat Apr 24 18:03:06 GMT 1999	PICS	End Flat
Sat Apr 24 18:03:57 GMT 1999	CHIP	End Bias
Sat Apr 24 18:04:08 GMT 1999	CHIP	Water
Sat Apr 24 18:04:47 GMT 1999	CHIP	End Water
Sat Apr 24 18:05:51 GMT 1999	MKIII	Start Cal
Sat Apr 24 18:26:01 GMT 1999	MKIII	Start Patrol
Sat Apr 24 18:40:29 GMT 1999	PICS	End Patrol

PICS COMMENT: Sat Apr 24 18:41:54 GMT 1999

Stopped Patrol to do more alignment tests.

MKIII COMMENT: Sat Apr 24 18:50:02 GMT 1999

Fooling with MkIV timing scans are fouled up much of the time

Sat Apr 24 19:03:00 GMT 1999	CHIP	Bias
Sat Apr 24 19:03:56 GMT 1999	CHIP	End Bias
Sat Apr 24 19:04:06 GMT 1999	CHIP	Water
Sat Apr 24 19:04:48 GMT 1999	CHIP	End Water
Sat Apr 24 20:02:48 GMT 1999	CHIP	Gain
Sat Apr 24 20:07:23 GMT 1999	CHIP	End Gain
Sat Apr 24 20:07:34 GMT 1999	CHIP	Bias
Sat Apr 24 20:08:22 GMT 1999	CHIP	End Bias
Sat Apr 24 20:08:33 GMT 1999	CHIP	Water
Sat Apr 24 20:09:11 GMT 1999	CHIP	End Water
Sat Apr 24 21:00:50 GMT 1999	CHIP	Bias
Sat Apr 24 21:01:52 GMT 1999	CHIP	End Bias

Sat Apr 24 21:02:02 GMT 1999	CHIP	Water
Sat Apr 24 21:02:41 GMT 1999	CHIP	End Water
Sat Apr 24 21:07:28 GMT 1999	MKIII	End Patrol
Sat Apr 24 21:11:59 GMT 1999	MKIII	Start Correct
Sat Apr 24 21:13:44 GMT 1999	MKIII	End Correct
Sat Apr 24 21:13:51 GMT 1999	MKIII	Start Patrol
Sat Apr 24 21:26:52 GMT 1999	MKIII	End Patrol
Sat Apr 24 21:29:22 GMT 1999	MKIII	Start Correct
Sat Apr 24 21:37:11 GMT 1999	MKIII	Start Correct
Sat Apr 24 21:38:52 GMT 1999	MKIII	End Correct
Sat Apr 24 21:38:52 GMT 1999	MKIII	Start Patrol
Sat Apr 24 21:45:39 GMT 1999	PICS	Start Patrol
Sat Apr 24 21:50:41 GMT 1999	PICS	End Patrol
Sat Apr 24 21:51:54 GMT 1999	MKIII	End Patrol
Sat Apr 24 21:55:39 GMT 1999	MKIII	Start Correct
Sat Apr 24 21:57:22 GMT 1999	MKIII	End Correct
Sat Apr 24 21:57:22 GMT 1999	MKIII	Start Patrol
Sat Apr 24 22:02:51 GMT 1999	CHIP	Bias
Sat Apr 24 22:03:57 GMT 1999	MKIII	End Patrol
Sat Apr 24 22:03:46 GMT 1999	CHIP	End Bias
Sat Apr 24 22:04:09 GMT 1999	CHIP	Water
Sat Apr 24 22:04:52 GMT 1999	CHIP	End Water
Sat Apr 24 22:07:01 GMT 1999	MKIII	Start Correct
Sat Apr 24 22:08:44 GMT 1999	MKIII	End Correct
Sat Apr 24 22:08:49 GMT 1999	MKIII	Start Patrol
Sat Apr 24 22:15:23 GMT 1999	MKIII	End Patrol
Sat Apr 24 22:18:24 GMT 1999	MKIII	Start Correct
Sat Apr 24 22:20:06 GMT 1999	MKIII	Start Patrol
Sat Apr 24 22:26:41 GMT 1999	MKIII	End Patrol
Sat Apr 24 22:47:34 GMT 1999	MKIII	Start Correct
Sat Apr 24 22:49:16 GMT 1999	MKIII	Start Patrol
Sat Apr 24 22:49:32 GMT 1999	PICS	Start Patrol
Sat Apr 24 22:55:50 GMT 1999	MKIII	End Patrol
Sat Apr 24 22:58:23 GMT 1999	MKIII	Start Correct
Sat Apr 24 23:00:06 GMT 1999	MKIII	End Correct
Sat Apr 24 23:01:45 GMT 1999	MKIII	Start Patrol
Sat Apr 24 23:02:54 GMT 1999	PICS	Flat
Sat Apr 24 23:02:54 GMT 1999	PICS	Flat
Sat Apr 24 23:03:47 GMT 1999	CHIP	End Bias
Sat Apr 24 23:03:57 GMT 1999	CHIP	Water
Sat Apr 24 23:04:35 GMT 1999	CHIP	End Water
Sat Apr 24 23:04:35 GMT 1999	CHIP	End Water
Sat Apr 24 23:08:22 GMT 1999	MKIII	End Patrol
Sat Apr 24 23:08:29 GMT 1999	PICS	End Patrol
Sat Apr 24 23:15:17 GMT 1999	MKIII	Start Patrol

PICS COMMENT: Sat Apr 24 23:20:22 GMT 1999

Have been doing a lot of alignment and starting and stopping the Patrol program, and sometimes bumping the Spar. The coronal images look much better

in illumination now that everything is aligned well. The "bulge" of uneven illumination that Eric and I used to see is now gone, that was caused by the lightbeam not being centered through the Lyot stop near the Halle filter inside the PICS enclosure, the edge of the O1 was visible leaking past the Lyot stop which is supposed to block the edge ring.

CHIP COMMENT: Sat Apr 24 23:32:18 GMT 1999

Will leave PICS and MkIII/IV running for subsequent lunar scans.

Shutting down CHIP. Data tape for PICS is pau

Sat Apr 24 23:33:40 GMT 1999 PICS End Patrol  
Sat Apr 24 23:34:13 GMT 1999 MKIII Start Patrol  
Sat Apr 24 23:34:34 GMT 1999 CHIP CHIP End Patrol  
Sat Apr 24 23:37:56 GMT 1999 CHIP ending tape

COMMENT: Sat Apr 24 23:38:42 GMT 1999

TAPES:

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MKIV: 99114

CHIP: C00832

PICS: P01420

LOWL: L00594 in drive #0.

Sat Apr 24 23:47:31 GMT 1999 MKIII Start Patrol  
Sat Apr 24 23:49:05 GMT 1999 PICS Start Patrol  
Sat Apr 24 23:52:07 GMT 1999 PICS End Patrol  
Sun Apr 25 00:30:15 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:08:05 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:13:58 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:21:22 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:33:01 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:37:38 GMT 1999 MKIII Start Patrol  
Sun Apr 25 01:38:06 GMT 1999 MKIII End Patrol  
Sun Apr 25 01:50:18 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:12:43 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:18:52 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:19:36 GMT 1999 MKIII End Patrol  
Sun Apr 25 02:19:47 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:24:27 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:35:42 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:36:51 GMT 1999 MKIII End Patrol  
Sun Apr 25 02:37:04 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:50:01 GMT 1999 MKIII Start Patrol  
Sun Apr 25 02:54:21 GMT 1999

MkIII

02_37.rawmk3	18_16.rawmk3	19_21.rawmk3	20_22.rawmk3	21_42.rawmk3
16_54.rawmk3	18_22.rawmk3	19_24.rawmk3	20_25.rawmk3	21_45.rawmk3
17_14.rawmk3	18_26.rawmk3	19_27.rawmk3	20_28.rawmk3	21_48.rawmk3
17_17.rawmk3	18_29.rawmk3	19_30.rawmk3	20_32.rawmk3	21_57.rawmk3
17_20.rawmk3	18_32.rawmk3	19_33.rawmk3	20_35.rawmk3	22_00.rawmk3

17_24.rawmk3	18_35.rawmk3	19_37.rawmk3	20_38.rawmk3	22_08.rawmk3
17_27.rawmk3	18_39.rawmk3	19_40.rawmk3	20_41.rawmk3	22_12.rawmk3
17_30.rawmk3	18_42.rawmk3	19_43.rawmk3	20_44.rawmk3	22_20.rawmk3
17_33.rawmk3	18_45.rawmk3	19_46.rawmk3	20_48.rawmk3	22_23.rawmk3
17_36.rawmk3	18_48.rawmk3	19_50.rawmk3	20_51.rawmk3	22_49.rawmk3
17_40.rawmk3	18_52.rawmk3	19_53.rawmk3	20_54.rawmk3	22_52.rawmk3
17_43.rawmk3	18_55.rawmk3	19_56.rawmk3	20_57.rawmk3	23_01.rawmk3
17_46.rawmk3	18_58.rawmk3	19_59.rawmk3	21_01.rawmk3	23_05.rawmk3
17_49.rawmk3	19_01.rawmk3	20_03.rawmk3	21_04.rawmk3	c18_05.rawmk3
17_53.rawmk3	19_04.rawmk3	20_06.rawmk3	21_13.rawmk3	c18_12.rawmk3
17_56.rawmk3	19_08.rawmk3	20_09.rawmk3	21_17.rawmk3	c18_19.rawmk3
17_59.rawmk3	19_11.rawmk3	20_12.rawmk3	21_20.rawmk3	
18_02.rawmk3	19_14.rawmk3	20_15.rawmk3	21_23.rawmk3	
18_09.rawmk3	19_17.rawmk3	20_19.rawmk3	21_39.rawmk3	