
Mauna Loa Solar Observatory Observer's Log

Sun Apr 18 16:54:57 GMT 1999

Year: 99 Doy: 108

Observer: koon

WEATHER COMMENT: Sun Apr 18 16:55:12 GMT 1999

Clear sky, wind=10 mph from the SE. temp=38 F.

Sun Apr 18 16:55:57 GMT 1999 CHIP Startup--Initializing new tape
Sun Apr 18 16:58:05 GMT 1999 MKIII Start Patrol
Sun Apr 18 16:58:36 GMT 1999 PICS Start Patrol
Sun Apr 18 16:58:36 GMT 1999 PICS Start Patrol
Sun Apr 18 17:00:48 GMT 1999 PICS Flat
Sun Apr 18 17:02:03 GMT 1999 CHIP Bias
Sun Apr 18 17:02:15 GMT 1999 PICS End Flat
Sun Apr 18 17:02:52 GMT 1999 CHIP End Bias
Sun Apr 18 17:02:59 GMT 1999 CHIP Water
Sun Apr 18 17:03:36 GMT 1999 CHIP End Water
Sun Apr 18 18:00:39 GMT 1999 PICS Flat
Sun Apr 18 18:00:51 GMT 1999 CHIP Bias
Sun Apr 18 18:01:43 GMT 1999 CHIP End Bias
Sun Apr 18 18:01:53 GMT 1999 CHIP Water
Sun Apr 18 18:02:07 GMT 1999 PICS End Flat
Sun Apr 18 18:02:32 GMT 1999 CHIP End Water
Sun Apr 18 19:00:28 GMT 1999 PICS Flat
Sun Apr 18 19:02:12 GMT 1999 PICS End Flat
Sun Apr 18 19:02:55 GMT 1999 CHIP Bias
Sun Apr 18 19:03:47 GMT 1999 CHIP End Bias
Sun Apr 18 19:04:12 GMT 1999 CHIP Water
Sun Apr 18 19:04:57 GMT 1999 CHIP End Water
Sun Apr 18 19:20:11 GMT 1999 MKIII Start Cal
Sun Apr 18 19:40:24 GMT 1999 MKIII Start Patrol
Sun Apr 18 20:00:38 GMT 1999 PICS Flat
Sun Apr 18 20:02:06 GMT 1999 PICS End Flat

MKIV COMMENT: Sun Apr 18 20:02:55 GMT 1999

Pausing to adjust the Spar guider so that the occulting will improve.

Sun Apr 18 20:06:14 GMT 1999 MKIII End Patrol
Sun Apr 18 20:07:24 GMT 1999 CHIP End Gain
Sun Apr 18 20:07:34 GMT 1999 CHIP Bias
Sun Apr 18 20:08:23 GMT 1999 CHIP End Bias
Sun Apr 18 20:08:33 GMT 1999 CHIP Water
Sun Apr 18 20:09:08 GMT 1999 CHIP End Water

COMMENT: Sun Apr 18 20:20:59 GMT 1999

Extended the dome slot.

Sun Apr 18 20:22:20 GMT 1999 MKIII Start Patrol

MKIV COMMENT: Sun Apr 18 20:36:00 GMT 1999

OK, I finished adjusting the Spar guider so that the images are occulted as well as possible. I started the scans before I finished so that I could

see if the scans were changing. The MKIII scans look good, but there is a semicircular region of yellowish pixels out near the far edge of the MKIV scans centered around the NE streamers, this was there since this morning and is what prompted me to center the occulter, apparently it has nothing to do with occulting since the occulter position change didn't affect the region as far as I can tell.

PICS COMMENT: Sun Apr 18 20:43:49 GMT 1999

I had to adjust the occulting for this due to the change in Spar guiding.

Sun Apr 18 21:00:28 GMT 1999	PICS	Flat
Sun Apr 18 21:00:47 GMT 1999	CHIP	Bias
Sun Apr 18 21:01:56 GMT 1999	CHIP	End Bias
Sun Apr 18 21:01:56 GMT 1999	CHIP	End Bias
Sun Apr 18 21:02:10 GMT 1999	CHIP	Water
Sun Apr 18 21:02:49 GMT 1999	CHIP	End Water
Sun Apr 18 21:06:34 GMT 1999	PICS	End Patrol

PICS COMMENT: Sun Apr 18 21:08:16 GMT 1999

Pausing to change occulting disks.

PICS COMMENT: Sun Apr 18 21:18:06 GMT 1999

Starting Patrol to check occulting, can't check very well with Video.

PICS COMMENT: Sun Apr 18 21:21:52 GMT 1999

Occulting looks good, pausing to change lowk occulter next.

Sun Apr 18 21:22:40 GMT 1999	PICS	End Patrol
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PICS COMMENT: Sun Apr 18 21:25:59 GMT 1999

Restarted Patrol, I forgot that we decided to put in the biggest occulter for lowk and just leave it there for now. I can't find our old occulting disk chart but the lowk disk is size #1 and the regular disk went from #5 to #7.

Sun Apr 18 22:00:47 GMT 1999	CHIP	Bias
Sun Apr 18 22:00:47 GMT 1999	CHIP	Bias
Sun Apr 18 22:01:43 GMT 1999	CHIP	End Bias
Sun Apr 18 22:01:53 GMT 1999	CHIP	Water
Sun Apr 18 22:02:17 GMT 1999	PICS	End Flat
Sun Apr 18 22:02:52 GMT 1999	CHIP	End Water
Sun Apr 18 22:29:12 GMT 1999	PICS	End Patrol
Sun Apr 18 22:30:35 GMT 1999	CHIP	CHIP End Patrol
Sun Apr 18 22:31:22 GMT 1999	MKIII	End Patrol
Sun Apr 18 22:40:01 GMT 1999	CHIP	ending tape

COMMENT: Sun Apr 18 22:42:50 GMT 1999

I improved the operation of the doors that Charlie "modified" with the weatherstripping. I still need to remove the strike plate from the dome door and carve back the door casing so the door closes easier, and I'll have to remount the door stop that they removed and didn't modify and replace after modifying the inner dome door.

COMMENT: Sun Apr 18 22:47:44 GMT 1999

TAPES:

MKIV: 99108

CHIP: C00826
PICS: P01414
LOWL: L00594 in drive #0

Sun Apr 18 22:49:26 GMT 1999
MkIII

16_58.rawmk3	18_02.rawmk3	19_07.rawmk3	20_38.rawmk3	21_43.rawmk3
17_01.rawmk3	18_06.rawmk3	19_10.rawmk3	20_41.rawmk3	21_46.rawmk3
17_04.rawmk3	18_09.rawmk3	19_13.rawmk3	20_45.rawmk3	21_49.rawmk3
17_08.rawmk3	18_12.rawmk3	19_17.rawmk3	20_48.rawmk3	21_52.rawmk3
17_11.rawmk3	18_15.rawmk3	19_23.rawmk3	20_51.rawmk3	21_55.rawmk3
17_14.rawmk3	18_18.rawmk3	19_30.rawmk3	20_54.rawmk3	21_59.rawmk3
17_17.rawmk3	18_22.rawmk3	19_37.rawmk3	20_57.rawmk3	22_02.rawmk3
17_20.rawmk3	18_25.rawmk3	19_40.rawmk3	21_01.rawmk3	22_05.rawmk3
17_24.rawmk3	18_28.rawmk3	19_43.rawmk3	21_04.rawmk3	22_08.rawmk3
17_27.rawmk3	18_31.rawmk3	19_46.rawmk3	21_07.rawmk3	22_12.rawmk3
17_30.rawmk3	18_35.rawmk3	19_50.rawmk3	21_10.rawmk3	22_15.rawmk3
17_33.rawmk3	18_38.rawmk3	19_53.rawmk3	21_14.rawmk3	22_18.rawmk3
17_37.rawmk3	18_41.rawmk3	19_56.rawmk3	21_17.rawmk3	22_21.rawmk3
17_40.rawmk3	18_44.rawmk3	19_59.rawmk3	21_20.rawmk3	22_25.rawmk3
17_43.rawmk3	18_48.rawmk3	20_03.rawmk3	21_23.rawmk3	22_28.rawmk3
17_46.rawmk3	18_51.rawmk3	20_22.rawmk3	21_26.rawmk3	c19_20.rawmk3
17_49.rawmk3	18_54.rawmk3	20_25.rawmk3	21_30.rawmk3	c19_27.rawmk3
17_53.rawmk3	18_57.rawmk3	20_28.rawmk3	21_33.rawmk3	c19_33.rawmk3
17_56.rawmk3	19_00.rawmk3	20_32.rawmk3	21_36.rawmk3	
17_59.rawmk3	19_04.rawmk3	20_35.rawmk3	21_39.rawmk3	