
Mauna Loa Solar Observatory Observer's Log

Wed Apr 29 17:12:24 GMT 2009

Year: 09 Doy: 119

Observer: koon

WEATHER COMMENT: Wed Apr 29 17:12:26 GMT 2009

Thin to medium cirrostratus overcast, wind=5mph from the WSW, temp=44F.

____end____

Wed Apr 29 17:15:26 GMT 2009	CHIP	Start Patrol
Wed Apr 29 17:16:05 GMT 2009	PICS	Start Patrol
Wed Apr 29 18:00:46 GMT 2009	CHIP	LSD
Wed Apr 29 18:02:25 GMT 2009	PICS	Flat
Wed Apr 29 18:02:18 GMT 2009	CHIP	End LSD
Wed Apr 29 18:02:24 GMT 2009	CHIP	BiasLSD
Wed Apr 29 18:03:08 GMT 2009	CHIP	End BiasLSD
Wed Apr 29 18:03:15 GMT 2009	CHIP	Bias
Wed Apr 29 18:03:55 GMT 2009	CHIP	End Bias
Wed Apr 29 18:04:00 GMT 2009	CHIP	ReStart Patrol
Wed Apr 29 18:04:51 GMT 2009	PICS	End Flat
Wed Apr 29 18:05:00 GMT 2009	MKIV	Start Patrol
Wed Apr 29 18:04:57 GMT 2009	PICS	ReStart Patrol
Wed Apr 29 18:46:18 GMT 2009	MKIV	End Patrol

PSPT COMMENT: Wed Apr 29 18:53:38 GMT 2009

obs.

____end____

COMMENT: Wed Apr 29 19:15:19 GMT 2009

Extended the dome slot.

____end____

****GONG PROBLEM****: Wed Apr 29 19:36:44 GMT 2009

Back from shelter, swapped in higher gain guider board to test if it will control early morning oscillations better.

____end____

****PSPT PROBLEM****: Wed Apr 29 19:47:23 GMT 2009

Crashed, restarted.

____end____

Wed Apr 29 20:31:33 GMT 2009	MKIV	Start Patrol
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Wed Apr 29 20:54:05 GMT 2009	MKIV	Start Patrol
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Wed Apr 29 21:37:39 GMT 2009	MKIV	Start Patrol
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WEATHER COMMENT: Wed Apr 29 22:16:35 GMT 2009

Thin cirrostratus and haze all day.

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Wed Apr 29 22:24:23 GMT 2009	MKIV	Start Patrol
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****MKIV PROBLEM****: Wed Apr 29 22:25:14 GMT 2009

Searched logs and emails for similar problems. Tried changing 24 vdc on spar power supply for barrel from PS1 to PS2 (white power supply boxes above spar junction with pier up in main dome) to see if this would improve anything because it did improve a problem with some similar symptoms back

in April 2003, but it didn't change anything, we still have the barrel running CCW until CCW limit at 274 with no apparent data shown on realtime scan GUI with old MV200 video card in place, and we still have sectorized concentric ring looking scans with slow down scanning rates sometimes but a continuously scanning barrel with the spare MV200 board in place. Switched PS1 and PS2 outputs back to normal. Tried connecting a computer video monitor to the output jacks on each MV200 card, saw a 0.5"x3.0" horizontal rectangle of mostly white and one column of checkerboard-like pattern of rectangles at far right of screen when using spare MV200 board in place and scanning or with barrel still, with the old mv200 board in place I saw a checkerboard-like pattern of different shaded rectangles over the entire monitor whether scanning or with barrel still. Not sure why the output was different between the boards, or if the output was the "modulation states" David mentioned, I'll ask him. Old MV200 board is in place. Will continue searching for similar past problems next time.

___end___

Wed Apr 29 22:42:31 GMT 2009	CHIP	End Patrol
Wed Apr 29 22:42:59 GMT 2009	PICS	End Patrol
Wed Apr 29 22:53:16 GMT 2009	MKIV	Start Patrol
Wed Apr 29 23:27:31 GMT 2009	MKIV	End Patrol
Wed Apr 29 23:39:03 GMT 2009		

MkIV

20_54.rawmk4	21_12.rawmk4	21_45.rawmk4	22_15.rawmk4	23_11.rawmk4
20_55.rawmk4	21_13.rawmk4	21_51.rawmk4	22_53.rawmk4	23_17.rawmk4
20_56.rawmk4	21_20.rawmk4	21_53.rawmk4	22_54.rawmk4	23_19.rawmk4
21_02.rawmk4	21_37.rawmk4	21_59.rawmk4	22_55.rawmk4	23_25.rawmk4
21_04.rawmk4	21_40.rawmk4	22_01.rawmk4	23_02.rawmk4	
21_06.rawmk4	21_42.rawmk4	22_07.rawmk4	23_03.rawmk4	
21_09.rawmk4	21_43.rawmk4	22_09.rawmk4	23_09.rawmk4	