
Mauna Loa Solar Observatory Observer's Log

Wed Mar 6 17:44:24 GMT 2002
Year: 02 Doy: 065
Observer: koon
Wed Mar 6 17:44:29 GMT 2002 PICS Start Patrol
WEATHER COMMENT: Wed Mar 6 17:44:25 GMT 2002
Scattered cirrus, wind=5 mph from the SSE, temp=36 F.
Wed Mar 6 17:46:08 GMT 2002 MKIV Start Patrol
ECHO PROBLEM: Wed Mar 6 17:53:56 GMT 2002
Images were dark, stopped and restarted echosys to fix.
PSPT COMMENT: Wed Mar 6 17:55:15 GMT 2002
Observing.
Wed Mar 6 17:59:03 GMT 2002 MKIV Start Cal
Wed Mar 6 18:01:27 GMT 2002 PICS Flat
Wed Mar 6 18:04:20 GMT 2002 PICS End Flat
Wed Mar 6 18:18:37 GMT 2002 MKIV Start Patrol
COMMENT: Wed Mar 6 18:20:42 GMT 2002
The Sky TX values have been normal all morning, up over 1200. The sky is noticeably brighter than it was when the numbers were lower several days ago.
WEATHER COMMENT: Wed Mar 6 18:41:16 GMT 2002
Cirrus has moved over.
MKIV COMMENT: Wed Mar 6 18:41:32 GMT 2002
Paused due to clouds.
Wed Mar 6 18:42:25 GMT 2002 MKIV End Patrol
PSPT COMMENT: Wed Mar 6 18:42:00 GMT 2002
I'm going to leave this running despite clouds, I think a modification was installed recently to make this more cloud resistant in terms of not crashing or off-pointing.
Wed Mar 6 19:00:59 GMT 2002 CHIP LSD
Wed Mar 6 19:03:10 GMT 2002 CHIP End LSD
Wed Mar 6 19:03:18 GMT 2002 CHIP BiasLSD
Wed Mar 6 19:04:11 GMT 2002 CHIP End BiasLSD
Wed Mar 6 19:04:24 GMT 2002 CHIP Bias
Wed Mar 6 19:05:21 GMT 2002 CHIP End Bias
Wed Mar 6 19:32:10 GMT 2002 MKIV Start Patrol
MKIV COMMENT: Wed Mar 6 19:32:15 GMT 2002
Clouds have thinned, restarting Patrol.
Wed Mar 6 20:43:10 GMT 2002 MKIV End Patrol
Wed Mar 6 21:01:35 GMT 2002 CHIP End Patrol
PSPT PROBLEM: Wed Mar 6 20:40:46 GMT 2002
Stalled at 2017 with "clr blue" on GUI. I pressed return to fix it. Soon after that a thick clouds covered the sun, I watched the telescope and it started to run away at a higher than clock-drive rate, it seemed to point ahead of the sun - where it will be later. So it was OK with the thinner cirrus clouds but the thicker clouds still make it runaway in pointing. There wasn't any stall or proghram crash, but that was probably because I

stopped the observing program after the runaway started but before it tried to center on the sun to take more data. At the time of the stall I checked the filter position, the red filter was in place. Now that it's cloudy I've tried moving to various filter positions and the mechanism is working fine without any signs of binding or stalling. If the blue filter should have been in place when the "clr blue" message was up then maybe it would help to know if the red filter was in place before the blue, if so it didn't move at all. If red was to be in place after the blue then maybe that was correct and the "clr blue" was an "old" output message on the GUI screen.
WEATHER COMMENT: Wed Mar 6 21:01:51 GMT 2002
Clouds are very thick so I've stopped all instruments.
Wed Mar 6 21:53:29 GMT 2002 PICS End Patrol
Wed Mar 6 22:30:31 GMT 2002
MkIV

17_46.rawmk4	18_24.rawmk4	19_40.rawmk4	20_07.rawmk4	20_34.rawmk4
17_49.rawmk4	18_27.rawmk4	19_43.rawmk4	20_10.rawmk4	20_36.rawmk4
17_52.rawmk4	18_30.rawmk4	19_46.rawmk4	20_13.rawmk4	20_39.rawmk4
17_55.rawmk4	18_33.rawmk4	19_49.rawmk4	20_16.rawmk4	c17_59.rawmk4
18_02.rawmk4	18_36.rawmk4	19_52.rawmk4	20_19.rawmk4	c18_05.rawmk4
18_08.rawmk4	18_39.rawmk4	19_55.rawmk4	20_22.rawmk4	c18_11.rawmk4
18_14.rawmk4	19_32.rawmk4	19_58.rawmk4	20_25.rawmk4	
18_18.rawmk4	19_35.rawmk4	20_01.rawmk4	20_28.rawmk4	
18_21.rawmk4	19_38.rawmk4	20_04.rawmk4	20_31.rawmk4	