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Mauna Loa Solar Observatory Observer's Log  
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Thu Jul 29 16:46:32 GMT 1999

Year: 99 Doy: 210

Observer: koon

WEATHER COMMENT: Thu Jul 29 16:46:57 GMT 1999

Clear sky, wind=5 mph from the SE, temp=46 F.

Thu Jul 29 16:51:49 GMT 1999 MKIV Start Patrol  
Thu Jul 29 16:52:00 GMT 1999 PICS Start Patrol  
Thu Jul 29 16:52:00 GMT 1999 PICS Start Patrol  
Thu Jul 29 17:01:50 GMT 1999 CHIP Bias  
Thu Jul 29 17:02:45 GMT 1999 CHIP End Bias  
Thu Jul 29 17:03:06 GMT 1999 CHIP Water  
Thu Jul 29 17:03:56 GMT 1999 CHIP End Water

COMMENT: Thu Jul 29 17:28:10 GMT 1999

Bumped the spar and lost tracking while working on the MKIV problem.

**\*\*MKIV PROBLEM\*\***: Thu Jul 29 17:28:40 GMT 1999

Scans were radially streaky upon startup, probably due to me starting the KCC before having the Analog switch turned on this morning. I cycled Analog and KCC power to try to fix it, then the barrel would oscillate around 85 degrees, apparently due to being at a limit and being confused somehow. So I pushed the barrel around to the other limit (after turning off the main mkIV power switch and the analog switch), then turned the main mkIV power and analog switches back on. The scans look fine now.

Thu Jul 29 18:01:49 GMT 1999 CHIP Bias  
Thu Jul 29 18:02:53 GMT 1999 CHIP End Bias  
Thu Jul 29 18:03:02 GMT 1999 PICS Flat  
Thu Jul 29 18:03:10 GMT 1999 CHIP Water  
Thu Jul 29 18:03:56 GMT 1999 CHIP End Water  
Thu Jul 29 18:05:42 GMT 1999 PICS End Flat  
Thu Jul 29 18:09:17 GMT 1999 MKIV Start Cal  
Thu Jul 29 19:01:53 GMT 1999 CHIP Bias  
Thu Jul 29 19:02:05 GMT 1999 PICS polarization\_calibration  
Thu Jul 29 19:02:54 GMT 1999 CHIP End Bias  
Thu Jul 29 19:03:15 GMT 1999 CHIP Water  
Thu Jul 29 19:04:03 GMT 1999 CHIP End Water  
Thu Jul 29 20:01:47 GMT 1999 CHIP Gain  
Thu Jul 29 20:06:23 GMT 1999 CHIP End Gain  
Thu Jul 29 20:06:42 GMT 1999 CHIP Bias  
Thu Jul 29 20:07:40 GMT 1999 CHIP End Bias  
Thu Jul 29 20:07:57 GMT 1999 CHIP Water  
Thu Jul 29 20:08:37 GMT 1999 CHIP End Water

COMMENT: Thu Jul 29 20:25:23 GMT 1999

Extended the dome slot.

Thu Jul 29 21:02:47 GMT 1999 CHIP Bias  
Thu Jul 29 21:03:45 GMT 1999 CHIP End Bias  
Thu Jul 29 21:04:06 GMT 1999 CHIP Water

Thu Jul 29 21:04:56 GMT 1999 CHIP End Water  
Thu Jul 29 22:02:52 GMT 1999 CHIP Bias  
Thu Jul 29 22:03:47 GMT 1999 CHIP End Bias  
Thu Jul 29 22:04:06 GMT 1999 CHIP Water  
Thu Jul 29 22:04:56 GMT 1999 CHIP End Water  
Thu Jul 29 22:23:22 GMT 1999 CHIP CHIP End Patrol  
Thu Jul 29 22:23:22 GMT 1999 CHIP CHIP End Patrol  
Thu Jul 29 22:26:46 GMT 1999 CHIP ending tape  
COMMENT: Thu Jul 29 22:44:18 GMT 1999

TAPES:

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MKIV: 99210

CHIP: C00879

PICS: P01500

LOWL: L00615 in drive #1

Thu Jul 29 22:45:22 GMT 1999

MkIII

16_51.rawmk3	18_32.rawmk3	19_37.rawmk3	20_41.rawmk3	21_45.rawmk3
16_55.rawmk3	18_36.rawmk3	19_40.rawmk3	20_44.rawmk3	21_49.rawmk3
16_59.rawmk3	18_40.rawmk3	19_44.rawmk3	20_48.rawmk3	21_52.rawmk3
17_02.rawmk3	18_43.rawmk3	19_48.rawmk3	20_52.rawmk3	21_56.rawmk3
17_31.rawmk3	18_47.rawmk3	19_52.rawmk3	20_56.rawmk3	22_00.rawmk3
17_35.rawmk3	18_51.rawmk3	19_55.rawmk3	20_59.rawmk3	22_04.rawmk3
17_39.rawmk3	18_55.rawmk3	19_59.rawmk3	21_04.rawmk3	22_08.rawmk3
17_42.rawmk3	18_59.rawmk3	20_03.rawmk3	21_07.rawmk3	22_11.rawmk3
17_46.rawmk3	19_03.rawmk3	20_07.rawmk3	21_11.rawmk3	22_15.rawmk3
17_50.rawmk3	19_06.rawmk3	20_11.rawmk3	21_15.rawmk3	22_19.rawmk3
17_54.rawmk3	19_10.rawmk3	20_14.rawmk3	21_19.rawmk3	22_23.rawmk3
17_57.rawmk3	19_14.rawmk3	20_18.rawmk3	21_22.rawmk3	c18_09.rawmk3
18_01.rawmk3	19_18.rawmk3	20_22.rawmk3	21_26.rawmk3	c18_17.rawmk3
18_05.rawmk3	19_21.rawmk3	20_26.rawmk3	21_30.rawmk3	c18_24.rawmk3
18_13.rawmk3	19_25.rawmk3	20_29.rawmk3	21_34.rawmk3	
18_20.rawmk3	19_29.rawmk3	20_33.rawmk3	21_37.rawmk3	
18_28.rawmk3	19_33.rawmk3	20_37.rawmk3	21_41.rawmk3	