
Mauna Loa Solar Observatory Observer's Log

Wed Oct 31 16:55:07 GMT 2012

Year: 12 Doy: 305

Observer: stueben

WEATHER COMMENT: Wed Oct 31 16:56:18 GMT 2012

Clear, wind south 10-15 mph, temp 44F.

____end____

Wed Oct 31 17:16:47 GMT 2012 COMP Start Patrol

Wed Oct 31 17:16:58 GMT 2012 CHIP Start Patrol

Wed Oct 31 17:52:45 GMT 2012: PSPT Start Patrol

Wed Oct 31 18:02:44 GMT 2012 CHIP LSD

Wed Oct 31 18:04:40 GMT 2012 CHIP End LSD

Wed Oct 31 18:04:46 GMT 2012 CHIP BiasLSD

Wed Oct 31 18:05:38 GMT 2012 CHIP End BiasLSD

Wed Oct 31 18:05:45 GMT 2012 CHIP Bias

Wed Oct 31 18:06:36 GMT 2012 CHIP End Bias

Wed Oct 31 18:06:41 GMT 2012 CHIP ReStart Patrol

Wed Oct 31 20:18:21 GMT 2012 COMP End Patrol

Wed Oct 31 20:18:22 GMT 2012 COMP Start Patrol

Wed Oct 31 22:05:24 GMT 2012: PSPT Start Patrol

****MKIV PROBLEM COMMENT BY ALLEN****: Wed Oct 31 22:43:07 GMT 2012

Forgot a log entry for mk4 problems yesterday - Camera analog output looks like there is little/no light on the camera and images derived from the digital output agree. Opal, tilt plate, dark shutter seem to be operating. No change in analog output at any time during a calibration cycle. A flashlight shined on the transfer lens in the camera compartment gives but analog and digital outputs.

At this point it seems like the electronics outside the camera is OK, the problem could be in the optical path or something internal to the camera resulting in much lower gain.

____end____

Wed Oct 31 23:00:39 GMT 2012 CHIP LSD

Wed Oct 31 23:02:21 GMT 2012 CHIP End LSD

Wed Oct 31 23:02:28 GMT 2012 CHIP BiasLSD

Wed Oct 31 23:03:15 GMT 2012 CHIP End BiasLSD

Wed Oct 31 23:03:21 GMT 2012 CHIP Bias

Wed Oct 31 23:03:54 GMT 2012 CHIP End Bias

Wed Oct 31 23:03:59 GMT 2012 CHIP ReStart Patrol

Wed Oct 31 23:16:53 GMT 2012 COMP Start Patrol

Wed Oct 31 23:16:51 GMT 2012 COMP End Patrol

Thu Nov 1 00:08:18 GMT 2012 CHIP End Patrol

Thu Nov 01 00:08:58 GMT 2012 COMP End Patrol

Thu Nov 1 00:31:43 GMT 2012: PSPT Abort Patrol

****MKIV PROBLEM COMMENT BY ALLEN****: Thu Nov 1 00:50:40 GMT 2012

Not much new info on the problem for today, spent most time looking through manuals/diagrams. Visually confirmed operation of opal, dark shutter, tilt plate - they seem fine, though the tilt plate is more difficult to see in position.

____end____

Thu Nov 1 00:57:05 GMT 2012

MkIV