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                   Mauna Loa Solar Observatory Observer's Log
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          Fri Oct 11 16:34:05 GMT 2002
Year: 02  Doy: 284
Observer: yasukawa
WEATHER COMMENT: Fri Oct 11 16:34:12 GMT 2002
Cool, clear, light south breeze.
Fri Oct 11 16:46:32 GMT 2002    CHIP     Start Patrol
Fri Oct 11 16:46:46 GMT 2002    PICS     Start Patrol
Fri Oct 11 16:46:57 GMT 2002    MKIV     Start Patrol
**PSPT PROBLEM**: Fri Oct 11 17:01:41 GMT 2002
Spar not centering.  This is probably due to error in Alice's new code.
Alice is looking into the problem and will send a fix soon.
**** EVENT COMMENT ****: Fri Oct 11 17:19:26 GMT 2002
limbflare beginning at PA 252.
**PICS PROBLEM**: Fri Oct 11 17:40:08 GMT 2002
Temperature on TekTemp display was 18.8-19.0 this morning when I opened up.
Ambient temperature was pretty cool this morning.  Initially, checked
fluid level and found it around 1.5-inches below port.  Filled it to 0.5"
below port with 50/50 antifreeze/water mixture.  Just went up to check
heater output voltage, terminals 19-21, should be 20V when temperature is
below setpoint.  I could not measure any significant voltage, but temperature
had risen to 22.2 degrees.  May have been at off cycle during measurement
attempt.
I'll keep monitoring the temperature.
**** EVENT COMMENT ****: Fri Oct 11 17:46:43 GMT 2002
Surge at PA 252 shot out to RV 1.15 between 1702 to 1735 UT.
CME visible at PA 250-260 from 1707 UT.
Fri Oct 11 18:01:51 GMT 2002    CHIP     LSD
Fri Oct 11 18:03:53 GMT 2002    CHIP     End LSD
Fri Oct 11 18:04:09 GMT 2002    CHIP     BiasLSD
Fri Oct 11 18:04:49 GMT 2002    PICS     Flat
Fri Oct 11 18:05:16 GMT 2002    CHIP     End BiasLSD
Fri Oct 11 18:05:29 GMT 2002    CHIP     Bias
Fri Oct 11 18:06:26 GMT 2002    CHIP     End Bias
Fri Oct 11 18:07:13 GMT 2002    PICS     End Flat
MKIV COMMENT: Fri Oct 11 18:06:31 GMT 2002
O1 guider turned on at barrel turnaround.  Steppers at midrange.
**PICS PROBLEM**: Fri Oct 11 18:07:42 GMT 2002
TekTemp temperature at 24.0, at the setpoint.
Fri Oct 11 18:15:32 GMT 2002    MKIV     End Patrol
Fri Oct 11 18:15:41 GMT 2002    MKIV     Start Cal
Fri Oct 11 18:34:28 GMT 2002    MKIV     End Cal
Fri Oct 11 18:34:38 GMT 2002    MKIV     Start Patrol
MKIV COMMENT: Fri Oct 11 18:58:19 GMT 2002
Did the O1 guider thing at barrel turnaround. N-S stepper at a limit.
Will realign at next opportunity to idle.
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PICS COMMENT: Fri Oct 11 19:00:22 GMT 2002
TekTemp temperature at 24.0
Fri Oct 11 19:04:29 GMT 2002    MKIV    End Patrol
Fri Oct 11 19:07:46 GMT 2002    MKIV    Start Patrol
MKIV COMMENT: Fri Oct 11 19:07:54 GMT 2002
Adjusted O1 guider alignment to set N-S stepper to midrange.
MKIV COMMENT: Fri Oct 11 20:00:52 GMT 2002
Did the O1 guider thing.  Steppers midrange.
MKIV COMMENT: Fri Oct 11 20:59:47 GMT 2002
Did the O1 guider thing.  Steppers OK.
COMMENT: Fri Oct 11 21:01:01 GMT 2002
Spar near top of dome slot, but not shaded yet.  Will check out how high
the spar will go to determine if dome slot reconfiguration is required.
It is getting to the time of year when reconfiguration is no longer needed.
PSPT COMMENT: Fri Oct 11 21:49:17 GMT 2002
Stopped PSPT, editing pspt.ini file on PC as rquested by Alice,
changing AZsparErr_deg back to 0.0
Fri Oct 11 21:55:54 GMT 2002    CHIP    End Patrol
Fri Oct 11 21:56:04 GMT 2002    PICS    End Patrol
COMMENT: Fri Oct 11 21:56:04 GMT 2002
CHIP got domed out at 2145 UT.  We will have to reconfigure the dome shutter
for a few more days.
Fri Oct 11 21:58:45 GMT 2002    MKIV    End Patrol
Fri Oct 11 22:01:00 GMT 2002
        MkIV


16_46.rawmk4    17_48.rawmk4    19_01.rawmk4    20_06.rawmk4    21_08.rawmk4
16_50.rawmk4    17_51.rawmk4    19_07.rawmk4    20_09.rawmk4    21_11.rawmk4
16_52.rawmk4    17_54.rawmk4    19_10.rawmk4    20_12.rawmk4    21_14.rawmk4
16_55.rawmk4    17_57.rawmk4    19_13.rawmk4    20_15.rawmk4    21_17.rawmk4
16_58.rawmk4    18_00.rawmk4    19_16.rawmk4    20_18.rawmk4    21_20.rawmk4
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17_42.rawmk4    18_55.rawmk4    20_00.rawmk4    21_02.rawmk4    c18_27.rawmk4
17_45.rawmk4    18_58.rawmk4    20_03.rawmk4    21_05.rawmk4
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