
Mauna Loa Solar Observatory Observer's Log

Wed May 18 16:41:54 GMT 2011

Year: 11 Doy: 138

Observer: koon

WEATHER COMMENT: Wed May 18 16:41:58 GMT 2011

Thin to medium cirrostratus, wind=4mph from the South, temp=45F.

____end____

Wed May 18 16:49:17 GMT 2011 H-ALPHA Start Patrol

WEATHER COMMENT: Wed May 18 16:49:28 GMT 2011

No coronal obs until clouds clear.

____end____

Wed May 18 16:50:04 GMT 2011 CHIP Start Patrol

Wed May 18 17:05:32 GMT 2011: PSPT Start Patrol

CoMP COMMENT BY DARRYL: Wed May 18 17:16:37 GMT 2011

Received and stocked CoMP HDD #1 and #3, and spare USB cables.

____end____

Wed May 18 17:37:57 GMT 2011: PSPT Start Patrol

Wed May 18 18:02:46 GMT 2011 CHIP LSD

Wed May 18 18:04:14 GMT 2011 CHIP End LSD

Wed May 18 18:04:21 GMT 2011 CHIP BiasLSD

Wed May 18 18:05:08 GMT 2011 CHIP End BiasLSD

Wed May 18 18:05:14 GMT 2011 CHIP Bias

Wed May 18 18:05:54 GMT 2011 CHIP End Bias

Wed May 18 18:05:59 GMT 2011 CHIP ReStart Patrol

****EVENT COMMENT BY BEN****: Wed May 18 18:14:39 GMT 2011

EPL on West limb at 17:30 ut

____end____

****EVENT COMMENT BY DARRYL****: Wed May 18 18:33:34 GMT 2011

EPL at West limb between around 1750 and 1830 UT at PA=280, slow thin surge at PA=25 throughout morning.

____end____

Wed May 18 19:49:19 GMT 2011 CHIP End Patrol

Wed May 18 19:51:26 GMT 2011 H-ALPHA End Patrol

Wed May 18 19:54:40 GMT 2011 H-ALPHA Start Patrol

Wed May 18 19:54:43 GMT 2011 CHIP Start Patrol

Wed May 18 20:43:38 GMT 2011 CHIP End Patrol

NOTE BY DARRYL: Wed May 18 20:43:54 GMT 2011

Pausing to do more spar deflection measurement photos.

____end____

Wed May 18 20:45:26 GMT 2011 H-ALPHA End Patrol

Wed May 18 21:16:24 GMT 2011: PSPT Abort Patrol

Wed May 18 21:21:05 GMT 2011: PSPT Start Patrol

Wed May 18 21:28:52 GMT 2011 H-ALPHA Start Patrol

Wed May 18 21:29:42 GMT 2011 CHIP Start Patrol

NOTE BY DARRYL: Wed May 18 21:22:51 GMT 2011

Had a power outage that lasted 25 minutes at MLSO, it was probably shorter,

I had to turn off and turn on the main breaker on the lanai to get power back, and then the timer on the main breaker takes another 5 minutes. Most things look good. PSPT had about 25 minutes left on its separate UPS. CoMP went down completely for some reason, we'll have to watch its UPS during a power outage to make sure it is working and to see how many minutes of backup it gives. The automatic main didn't turn back on the power but that might have been a coincidence where I turned it back on before it did so automatically, we should watch that during power outages to see that it switches back on properly.

____end____

NOTE BY DARRYL: Wed May 18 21:49:20 GMT 2011

It turned out that the power went out only at MLSO because the heater in the dome was bumped and that shorted an exposed component which tripped breakers B1 and B3, and apparently that caused a big enough surge to trip the automatic main which is towards the utility poles from B1 and B3. We disconnected the heater for good since it never gets used up in the dome, and capped the ends of the wires, that won't be a problem again. I had always thought that heater wiring was disconnected a long time ago, now it is for sure.

____end____

****EVENT COMMENT BY DARRYL****: Wed May 18 23:00:41 GMT 2011

Lots of nice looking action at PA=280 throughout today.

____end____

WEATHER COMMENT: Wed May 18 23:01:16 GMT 2011

Still have thin cirrostratus with some low clouds as well.

____end____

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|------------------------------|------|----------------|
| Wed May 18 23:02:41 GMT 2011 | CHIP | LSD |
| Wed May 18 23:04:12 GMT 2011 | CHIP | End LSD |
| Wed May 18 23:04:18 GMT 2011 | CHIP | BiasLSD |
| Wed May 18 23:04:54 GMT 2011 | CHIP | End BiasLSD |
| Wed May 18 23:05:02 GMT 2011 | CHIP | Bias |
| Wed May 18 23:05:33 GMT 2011 | CHIP | End Bias |
| Wed May 18 23:05:38 GMT 2011 | CHIP | ReStart Patrol |

GONG PROBLEM COMMENT BY DARRYL : Thu May 19 01:45:33 GMT 2011

The gong x terminal at MLSO stalled with the blue screen with the F in the middle I couldn't get it to show the images by moving and turning off/on the mouse or by keyboard. Restarted again, I had restarted this successfully after the power outage earlier, it's good practice.

____end____

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|------------------------------|---------|--------------|
| Thu May 19 01:57:35 GMT 2011 | CHIP | End Patrol |
| Thu May 19 01:57:49 GMT 2011 | PSPT | Abort Patrol |
| Thu May 19 02:01:56 GMT 2011 | H-ALPHA | End Patrol |
| Thu May 19 02:19:49 GMT 2011 | | |

MkIV