
Mauna Loa Solar Observatory Observer's Log

Tue Apr 29 16:31:21 GMT 2014

Year: 14 Doy: 119

Observer: stueben

WEATHER COMMENT: stueben: Tue Apr 29 16:31:27 GMT 2014

Clear, wind south 5-10 mph, temp 41F.

____end____

Tue Apr 29 16:59:47 GMT 2014 COMP Start Patrol

Tue Apr 29 17:07:48 GMT 2014: PSPT Start Patrol

Tue Apr 29 17:13:36 GMT 2014 KCOR Start Synoptic Patrol

Tue Apr 29 18:37:06 GMT 2014 KCOR End Patrol

Tue Apr 29 18:37:07 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Tue Apr 29 18:53:08 GMT 2014 KCOR End Calibration Script

Tue Apr 29 18:53:25 GMT 2014 KCOR Start Synoptic Patrol

Tue Apr 29 18:53:25 GMT 2014 KCOR Start Synoptic Patrol

Tue Apr 29 19:57:33 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY stueben: Tue Apr 29 20:07:55 GMT 2014

Reconfigured dome shutter and adjusted SGS offsets.

____end____

Tue Apr 29 20:09:01 GMT 2014 COMP Start Patrol

****Possible CME in Progress stueben****: Tue Apr 29 20:46:49 GMT 2014

Nice CME at PA250 starting about 1000UT.

____end____

You can check out the image data at:

<http://mlso.hao.ucar.edu>

Tue Apr 29 21:13:39 GMT 2014 KCOR End Patrol

Tue Apr 29 21:14:56 GMT 2014 COMP End Patrol

Tue Apr 29 21:48:25 GMT 2014: PSPT Abort Patrol

WEATHER COMMENT: stueben: Tue Apr 29 21:51:10 GMT 2014

In orographic clouds, instruments idled.

____end____

**COMP PROBLEM COMMENT BY stueben **: Tue Apr 29 21:54:10 GMT 2014

The large LN2 tank is empty though a new one was delivered last week. Our useage has been normal to something must have happened to the tank. I talked to the NOAA guys and they suggested that the relief valve may have failed - they have seen this happen occasionally in the past.

____end____

Tue Apr 29 23:48:17 GMT 2014: PSPT Start Patrol

WEATHER COMMENT: stueben: Wed Apr 30 00:11:34 GMT 2014

Clouds have thinned, pspt restarted.

____end____

**COMP PROBLEM COMMENT BY stueben **: Wed Apr 30 00:21:33 GMT 2014

I called Airgas in Hilo and after getting a callback and explaining the problem to Mike he said he would try to get a replacement cylinder up to MLSO tomorrow.

____end____

CoMP COMMENT BY stueben: Wed Apr 30 00:24:59 GMT 2014

I have turned off the camera power to conserve LN2 until the replacement cylinder arrives.

____end____

Wed Apr 30 00:38:52 GMT 2014 COMP Start Patrol

Wed Apr 30 00:47:04 GMT 2014 COMP End Patrol

Wed Apr 30 00:48:06 GMT 2014 COMP Start Patrol

Wed Apr 30 00:49:05 GMT 2014 KCOR Start Synoptic Patrol

WEATHER COMMENT: stueben: Wed Apr 30 00:49:36 GMT 2014

Orographic clouds have receded, comp and kcor restarted.

____end____

Wed Apr 30 01:09:45 GMT 2014 COMP End Patrol

Wed Apr 30 01:09:57 GMT 2014 KCOR End Patrol

WEATHER COMMENT: stueben: Wed Apr 30 01:11:07 GMT 2014

In thin cirrus, comp and kcor idled.

____end____

Wed Apr 30 01:25:06 GMT 2014: PSPT Abort Patrol

Wed Apr 30 01:28:37 GMT 2014: PSPT Start Patrol

Wed Apr 30 02:15:31 GMT 2014: PSPT Abort Patrol

CoMP COMMENT BY stueben: Wed Apr 30 02:35:11 GMT 2014

I poured the last of the LN2 into the camera dewar, which should last into tomorrow. Greg can probably borrow more from NOAA to last until the new cylinder is delivered.

____end____