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Mauna Loa Solar Observatory Observer's Log  
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Wed Feb 20 17:08:33 GMT 2013

Year: 13 Doy: 051

Observer: berkey

WEATHER COMMENT: Wed Feb 20 17:08:39 GMT 2013

temp 38f, wind 13mph from south east, clear skies above with thick cloud bank just to the east of the observatory.

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Wed Feb 20 17:50:20 GMT 2013

Snowing

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Wed Feb 20 18:01:23 GMT 2013

Weather stripping on main dome shutter is letting in a little bit of snow. Turning dome to minimize.

\_\_\_\_end\_\_\_\_

CHIP COMMENT BY BEN: Wed Feb 20 18:18:55 GMT 2013

Chip chiller powered up this morning, but the coolant reservoir is still really not. (to the touch and beyond the scale on the thermometer I dipped it with).

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Wed Feb 20 20:35:22 GMT 2013

Gong shows lots of activity on the east and west limbs with a very interesting prominence near 330, looks to me like a rotating tornado. Unfortunately fog banks keep blowing through every few minutes..

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM COMMENT BY BEN\*\*: Wed Feb 20 20:36:43 GMT 2013

PSPT dome rotator spring that keeps the drive gear in the track needed tightening. Unfortunately the nut had crushed the threads of the bolt so the whole motor had to be removed and a new bolt installed. With new (SAE) bolt and spring tightened the rotation

has been restored. Note all of the rotation system was metric.

\_\_\_\_end\_\_\_\_

PSPT COMMENT BY BEN: Thu Feb 21 02:02:57 GMT 2013

PSPT is off, PSPT circuit breaker 4 and 6 dome motor and bench rec have been turned off. There is a lot of water coming down/through the walls so circuits shut off in case dripping near power strips gets worse.

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Thu Feb 21 02:40:23 GMT 2013

Rained all day but now defiantly snowing again.

\_\_\_\_end\_\_\_\_

Thu Feb 21 02:40:35 GMT 2013

MkIV