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Mauna Loa Solar Observatory Observer's Log  
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Fri Mar 5 17:52:41 GMT 2010

Year: 10 Doy: 064

Observer: berkey

WEATHER COMMENT: Fri Mar 5 18:03:27 GMT 2010

temp 45F, wind 5mph from the south, clear skies

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

Fri Mar 5 18:04:50 GMT 2010 CHIP Start Patrol

Fri Mar 5 18:05:17 GMT 2010 MKIV Start Patrol

PICS COMMENT: Fri Mar 5 18:12:06 GMT 2010

Dome rotation is disabled for part of this morning while the drive motor is remounted. Unfortunately there is no light on h-alpha in this position. H-Alpha will be restarted once dome rotation is restored.

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

COMMENT: Fri Mar 5 18:45:12 GMT 2010

Darryl and Ben at MLSO today.

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

Fri Mar 5 18:58:41 GMT 2010 MKIV End Patrol

Fri Mar 5 18:59:59 GMT 2010 MKIV Start Patrol

COMMENT: Fri Mar 5 19:00:30 GMT 2010

Az dome drive repaired, instruments are back on the sun.

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

COMMENT: Fri Mar 5 19:05:31 GMT 2010

Darryl replaced a lag bolt holding down the main dome azimuth drive motor mount with a larger bolt he bought yesterday, and will change more later. This is to fix that mount better, it keeps loosening.

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

Fri Mar 5 19:10:37 GMT 2010 CHIP Start Patrol

Fri Mar 5 19:13:00 GMT 2010 MKIV End Patrol

Fri Mar 5 19:13:08 GMT 2010 MKIV Start Cal

COMMENT: Fri Mar 5 19:16:19 GMT 2010

Spar bounces in Dec more than it used to with the old less-perfect spar balance, maybe we need a little imbalance in Dec to keep the driving more smooth?

This is noticed during a Mk4 Cal.

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

Fri Mar 5 19:31:52 GMT 2010 MKIV End Cal

Fri Mar 5 21:12:40 GMT 2010 CHIP End Patrol

COMMENT: Fri Mar 5 21:12:49 GMT 2010

Pausing instruments on spar to check the spar cable loops.

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

Fri Mar 5 21:13:43 GMT 2010 MKIV End Patrol

Fri Mar 5 22:07:50 GMT 2010 MKIV Start Patrol

Fri Mar 5 22:08:08 GMT 2010 CHIP Start Patrol

COMMENT: Fri Mar 5 22:37:48 GMT 2010

Spar is bouncing less in Dec now, it is kind of a windy day, we'll keep an eye on the Dec bouncing and make adjustments if needed.

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

CHIP COMMENT: Fri Mar 5 22:38:39 GMT 2010

Images looked kind of bad dues to spar bouncing in Dec this morning, the spar is tracking better now and images look better too.

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

WEATHER COMMENT: Fri Mar 5 22:58:19 GMT 2010

Low clouds are passing over.

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

Fri Mar 5 23:00:58 GMT 2010	MKIV	End Patrol
Fri Mar 5 23:02:41 GMT 2010	CHIP	LSD
Fri Mar 5 23:04:45 GMT 2010	CHIP	End LSD
Fri Mar 5 23:04:53 GMT 2010	CHIP	BiasLSD
Fri Mar 5 23:05:33 GMT 2010	CHIP	End BiasLSD
Fri Mar 5 23:05:41 GMT 2010	CHIP	Bias
Fri Mar 5 23:06:15 GMT 2010	CHIP	End Bias
Fri Mar 5 23:06:22 GMT 2010	CHIP	ReStart Patrol

COMMENT: Fri Mar 5 23:16:24 GMT 2010

Ben connected our new Wireless Access Point. We loaded his truck with things that he will take down, and loaded some containers into the GSA truck for me to take down.

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

Fri Mar 5 23:18:45 GMT 2010 CHIP End Patrol

COMMENT: Fri Mar 5 23:42:31 GMT 2010

Starting tomorrow we'll go back to our normal observing schedule.

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

WEATHER COMMENT: Sat Mar 6 00:00:16 GMT 2010

Cloudy.

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

COMMENT: Sat Mar 6 00:00:25 GMT 2010

We improved the spar cable loops quite nicely, it looks like we can track the sun w/o anything snagging or binding too much.

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

Sat Mar 6 00:49:59 GMT 2010

MkIV

18_05.rawmk4	18_52.rawmk4	19_56.rawmk4	20_43.rawmk4	22_28.rawmk4
18_08.rawmk4	18_55.rawmk4	19_59.rawmk4	20_46.rawmk4	22_31.rawmk4
18_11.rawmk4	18_59.rawmk4	20_02.rawmk4	20_49.rawmk4	22_34.rawmk4
18_14.rawmk4	19_05.rawmk4	20_05.rawmk4	20_52.rawmk4	22_37.rawmk4
18_17.rawmk4	19_09.rawmk4	20_08.rawmk4	20_55.rawmk4	22_40.rawmk4
18_20.rawmk4	19_16.rawmk4	20_11.rawmk4	20_58.rawmk4	22_43.rawmk4
18_22.rawmk4	19_22.rawmk4	20_14.rawmk4	21_01.rawmk4	22_46.rawmk4
18_25.rawmk4	19_28.rawmk4	20_16.rawmk4	21_04.rawmk4	22_48.rawmk4
18_28.rawmk4	19_31.rawmk4	20_19.rawmk4	21_07.rawmk4	22_51.rawmk4
18_31.rawmk4	19_35.rawmk4	20_22.rawmk4	22_07.rawmk4	22_54.rawmk4
18_34.rawmk4	19_38.rawmk4	20_25.rawmk4	22_10.rawmk4	22_57.rawmk4
18_37.rawmk4	19_41.rawmk4	20_28.rawmk4	22_13.rawmk4	c19_13.rawmk4
18_40.rawmk4	19_44.rawmk4	20_31.rawmk4	22_16.rawmk4	c19_19.rawmk4
18_43.rawmk4	19_47.rawmk4	20_34.rawmk4	22_19.rawmk4	c19_25.rawmk4

18\_46.rawmk4 19\_50.rawmk4 20\_37.rawmk4 22\_22.rawmk4  
18\_49.rawmk4 19\_53.rawmk4 20\_40.rawmk4 22\_25.rawmk4