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Mauna Loa Solar Observatory Observer's Log  
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Wed May 5 16:24:15 GMT 2004  
Year: 04 Doy: 126  
Observer: yasukawa  
WEATHER COMMENT: Wed May 5 16:24:22 GMT 2004  
In scattered cirrus patches, 37F, south breeze 5 mph.  
Wed May 5 16:29:55 GMT 2004 CHIP Start Patrol  
Wed May 5 16:30:08 GMT 2004 PICS Start Patrol  
PSPT COMMENT: Wed May 5 16:30:10 GMT 2004  
Starting up.  
ECHO COMMENT: Wed May 5 16:30:21 GMT 2004  
Time OK  
WEATHER COMMENT: Wed May 5 16:30:32 GMT 2004  
In cirrus patch.  
MKIV COMMENT: Wed May 5 16:34:14 GMT 2004  
Centering O1 as soon as mk4 clears dome cylinder before starting Patrol.  
MKIV COMMENT: Wed May 5 16:37:58 GMT 2004  
mk4 cleared dome cylinder but still in cirrus patch. Standing by.  
PSPT COMMENT: Wed May 5 16:39:18 GMT 2004  
Observing.  
WEATHER COMMENT: Wed May 5 16:52:43 GMT 2004  
Clear.  
MKIV COMMENT: Wed May 5 16:52:57 GMT 2004  
Centered O1.  
Wed May 5 16:53:22 GMT 2004 MKIV Start Patrol  
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed May 5 16:55:11 GMT 2004  
MKIV COMMENT: Wed May 5 17:55:12 GMT 2004  
Centered O1.  
Wed May 5 17:58:23 GMT 2004 MKIV End Patrol  
Wed May 5 17:58:29 GMT 2004 MKIV Start Cal  
Wed May 5 18:00:44 GMT 2004 CHIP LSD  
Wed May 5 18:02:26 GMT 2004 CHIP End LSD  
Wed May 5 18:02:35 GMT 2004 CHIP BiasLSD  
Wed May 5 18:02:49 GMT 2004 PICS Flat  
Wed May 5 18:03:27 GMT 2004 CHIP End BiasLSD  
Wed May 5 18:03:35 GMT 2004 CHIP Bias  
Wed May 5 18:04:30 GMT 2004 CHIP End Bias  
Wed May 5 18:05:09 GMT 2004 PICS End Flat  
Wed May 5 18:18:50 GMT 2004 MKIV Start Patrol  
\*\*MLSO PROBLEM\*\*: Wed May 5 18:21:02 GMT 2004  
Phooey, dust and exhaust from the construction down below is drifting up  
toward observatory at this time.  
\*\*MLSO PROBLEM\*\*: Wed May 5 18:38:19 GMT 2004  
Inspected O1s and it doesn't appear that the occasional dust blowing up  
this way from the construction site is being deposited on the lenses.  
Airbrush dust-off didn't reveal any visible difference in cleanliness of  
the O1s. I am closing domes as a precaution in any case as the activity  
level is increasing and wind is blowing the dust up here more  
consistently. Pausing instruments.  
I will visually monitor dust situation and open up later if and when the  
contamination subsides.  
Wed May 5 18:42:46 GMT 2004 CHIP End Patrol  
Wed May 5 18:45:34 GMT 2004 PICS End Patrol  
Wed May 5 18:48:39 GMT 2004 MKIV End Patrol  
WEATHER COMMENT: Wed May 5 19:54:21 GMT 2004  
We're still directly downwind from backhoe.  
WEATHER COMMENT: Wed May 5 20:10:15 GMT 2004  
Wind has taken a more northerly direction. Opened domes and resuming obs.  
Wed May 5 20:11:25 GMT 2004 MKIV Start Patrol  
Wed May 5 20:11:28 GMT 2004 CHIP Start Patrol  
MKIV COMMENT: Wed May 5 20:11:29 GMT 2004  
Centered O1.  
Wed May 5 20:12:50 GMT 2004 PICS Start Patrol  
COMMENT: Wed May 5 20:42:38 GMT 2004  
Concrete truck is beginning pour for AMIBA pad, I can see two more concrete

trucks on the road on their way up to the site.  
 Wind is currently steady from NNW, blowing stuff away from MLSO.  
 WEATHER COMMENT: Wed May 5 20:45:36 GMT 2004  
 scattered orographic clouds hovering around station.  
 \*\*PSPT PROBLEM\*\*: Wed May 5 23:03:14 GMT 2004  
 Crashed at 2145 UT after trying to center in orographic clouds and  
 starting interlaced data.  
 Killed and restarting--standing by on resuming observations.  
 WEATHER COMMENT: Wed May 5 23:04:32 GMT 2004  
 In orographic clouds.  
 COMMENT: Wed May 5 23:04:48 GMT 2004  
 Just finished giving tour to Greg Muir and wife Shirley Mills. Greg is an  
 alumni of MLSO.  
 Wed May 5 23:08:02 GMT 2004 MKIV End Patrol  
 PSPT COMMENT: Wed May 5 23:20:47 GMT 2004  
 Observing.  
 Wed May 5 23:22:20 GMT 2004 MKIV Start Patrol  
 Wed May 5 23:32:57 GMT 2004 CHIP End Patrol  
 Wed May 5 23:34:56 GMT 2004 MKIV End Patrol  
 Wed May 5 23:36:15 GMT 2004 PICS End Patrol  
 WEATHER COMMENT: Wed May 5 23:57:24 GMT 2004  
 Clouds pretty thick, closing domes as a precaution.  
 WEATHER COMMENT: Thu May 6 00:42:30 GMT 2004  
 Fog rolled in, light drizzle beginning to blow thru.  
 Thu May 6 01:40:26 GMT 2004  
 MkIV

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17_31.rawmk4	18_45.rawmk4	21_07.rawmk4	22_05.rawmk4	23_04.rawmk4
17_34.rawmk4	20_11.rawmk4	21_10.rawmk4	22_08.rawmk4	23_22.rawmk4
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17_49.rawmk4	20_26.rawmk4	21_24.rawmk4	22_23.rawmk4	c18_11.rawmk4