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Mauna Loa Solar Observatory Observer's Log  
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Thu Apr 8 17:02:21 GMT 1999  
Year: 99 Doy: 098  
Observer: koon  
WEATHER COMMENT: Thu Apr 8 17:02:22 GMT 1999  
Medium cirrostratus overcast, wind=5 mph from the South, temp=37 F.  
Thu Apr 8 17:02:57 GMT 1999 CHIP Startup--Initializing new tape  
COMMENT: Thu Apr 8 17:08:50 GMT 1999  
Not enough light coming through the clouds for the Spar to track yet.  
CHIP COMMENT: Thu Apr 8 18:11:04 GMT 1999  
Clouds have cleared enough to start this.  
atrol  
Thu Apr 8 18:11:09 GMT 1999 PICS Start Patrol  
COMMENT: Thu Apr 8 18:11:21 GMT 1999  
Spar is barely tracking.  
PICS COMMENT: Thu Apr 8 18:11:30 GMT 1999  
Clouds have cleared enough to try this.  
PICS COMMENT: Thu Apr 8 18:16:37 GMT 1999  
Pausing again, not enough sun for decent images.  
WEATHER COMMENT: Thu Apr 8 18:29:41 GMT 1999  
Clouds getting thicker again.  
CHIP COMMENT: Thu Apr 8 18:30:11 GMT 1999  
Pausing again, spar starting to lose tracking again.  
Thu Apr 8 18:32:21 GMT 1999 CHIP CHIP End Patrol  
PSPT COMMENT: Thu Apr 8 18:32:31 GMT 1999  
Will have to hold off on doing the guider ephemeris calibration until the  
clouds clear away.  
CHIP COMMENT: Thu Apr 8 18:53:25 GMT 1999  
Restarting because Spar is starting to track again.

Thu Apr 8 19:02:57 GMT 1999 CHIP Bias  
Thu Apr 8 19:04:00 GMT 1999 CHIP End Bias  
Thu Apr 8 19:04:08 GMT 1999 CHIP Water  
Thu Apr 8 19:04:45 GMT 1999 CHIP End Water  
PICS COMMENT: Thu Apr 8 19:10:53 GMT 1999  
Restarted because the clouds have cleared more.  
Thu Apr 8 19:21:00 GMT 1999 MKIII Start Patrol  
MKIV COMMENT: Thu Apr 8 19:23:03 GMT 1999  
Starting this up in case the clouds clear away.  
MKIV COMMENT: Thu Apr 8 19:44:06 GMT 1999  
Pausing, clouds are too thick.  
Thu Apr 8 19:46:53 GMT 1999 MKIII End Patrol  
COMMENT: Thu Apr 8 19:55:52 GMT 1999  
Extended the dome slot.  
PICS COMMENT: Thu Apr 8 19:56:08 GMT 1999  
Probably won't get any limb images today but the disk images may be usable.

Thu Apr 8 20:00:40 GMT 1999 PICS Flat  
Thu Apr 8 20:01:48 GMT 1999 CHIP Gain  
Thu Apr 8 20:02:07 GMT 1999 PICS End Flat  
Thu Apr 8 20:06:15 GMT 1999 CHIP End Gain  
Thu Apr 8 20:06:25 GMT 1999 CHIP Bias  
Thu Apr 8 20:07:14 GMT 1999 CHIP End Bias  
Thu Apr 8 20:07:24 GMT 1999 CHIP Water  
Thu Apr 8 20:07:59 GMT 1999 CHIP End Water  
CHIP COMMENT: Thu Apr 8 20:47:44 GMT 1999  
Pausing due to clouds.  
WEATHER COMMENT: Thu Apr 8 20:47:55 GMT 1999  
Orographic clouds are moving in.  
PICS COMMENT: Thu Apr 8 20:48:11 GMT 1999  
Pausing due to clouds.  
Thu Apr 8 20:48:48 GMT 1999 PICS End Patrol  
Thu Apr 8 20:50:32 GMT 1999 CHIP CHIP End Patrol  
COMMENT: Thu Apr 8 21:13:28 GMT 1999  
Closed down dome due to possible light precipitation.  
Thu Apr 8 21:48:02 GMT 1999 CHIP ending tape  
COMMENT: Thu Apr 8 21:50:10 GMT 1999

TAPES:

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MKIV: 99098

CHIP: C00818

PICS: P01406

LOWL: Down for modifications

Thu Apr 8 21:52:35 GMT 1999

MkIII

19\_21.rawmk3 19\_27.rawmk3 19\_34.rawmk3 19\_40.rawmk3  
19\_24.rawmk3 19\_30.rawmk3 19\_37.rawmk3 19\_43.rawmk3