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Mauna Loa Solar Observatory Observer's Log  
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Sun Nov 23 17:05:18 GMT 1997

Year: 97 Doy: 327

Observer: koon

WEATHER COMMENT: Sun Nov 23 17:06:04 GMT 1997

Clear sky, wind=5 mph from the South, temp=40 F.

Sun Nov 23 17:06:45 GMT 1997 CHIP Startup--Initializing new tape

Sun Nov 23 17:10:29 GMT 1997 MKIII Start Patrol

Sun Nov 23 17:10:40 GMT 1997 CHIP CHIP Start Patrol

Sun Nov 23 17:14:26 GMT 1997 PICS Start Patrol

COMMENT: Sun Nov 23 17:19:34 GMT 1997

No network available beyond the mountain gateway machine (mtnserv).

Sun Nov 23 18:00:28 GMT 1997 PICS Flat

Sun Nov 23 18:01:54 GMT 1997 PICS End Flat

Sun Nov 23 18:02:02 GMT 1997 CHIP Bias

Sun Nov 23 18:03:07 GMT 1997 CHIP End Bias

Sun Nov 23 18:03:17 GMT 1997 CHIP Water

Sun Nov 23 18:04:09 GMT 1997 CHIP End Water

COMMENT: Sun Nov 23 18:16:16 GMT 1997

According to news reports that I heard yesterday and this morning, Spartan has been out of control since its deployment on Friday. I'll assume that means I don't need to extend my observing day today. I sent out e-mail to David and Greg to try to verify those news stories although I think they would have informed me already since our schedule is based on Spartan observations right now.

Sun Nov 23 19:02:09 GMT 1997 CHIP Bias

Sun Nov 23 19:02:22 GMT 1997 PICS Flat

Sun Nov 23 19:03:20 GMT 1997 CHIP End Bias

Sun Nov 23 19:03:30 GMT 1997 CHIP Water

Sun Nov 23 19:03:49 GMT 1997 PICS End Flat

Sun Nov 23 19:04:15 GMT 1997 CHIP End Water

COMMENT: Sun Nov 23 19:20:24 GMT 1997

Greg Card called me to explain that Spartan isn't observing and it sounds like it is at least partially NASAs fault while deploying it, they bumped it and sent it tumbling. So no extended observing is required by me today.

Sun Nov 23 20:02:03 GMT 1997 CHIP Gain

Sun Nov 23 20:02:32 GMT 1997 PICS Flat

Sun Nov 23 20:03:54 GMT 1997 PICS End Flat

COMMENT: Sun Nov 23 20:05:37 GMT 1997

I'm going outside to do some roof caulking in hopes of eliminating the rain leaks.

Sun Nov 23 20:08:14 GMT 1997 CHIP End Gain

Sun Nov 23 20:08:24 GMT 1997 CHIP Bias

Sun Nov 23 20:09:23 GMT 1997 CHIP End Bias

Sun Nov 23 20:09:37 GMT 1997 CHIP Water

Sun Nov 23 20:10:20 GMT 1997 CHIP End Water

Sun Nov 23 21:01:21 GMT 1997 PICS Flat  
Sun Nov 23 21:02:02 GMT 1997 CHIP Bias  
Sun Nov 23 21:02:43 GMT 1997 PICS End Flat  
Sun Nov 23 21:03:05 GMT 1997 CHIP End Bias  
Sun Nov 23 21:03:15 GMT 1997 CHIP Water  
Sun Nov 23 21:04:00 GMT 1997 CHIP End Water

MKIII COMMENT: Sun Nov 23 21:24:36 GMT 1997

Doing a calibration now, I forgot to earlier, luckily the sky isn't very noisy now.

COMMENT: Sun Nov 23 21:25:17 GMT 1997

Still working on the roof, some seams weren't caulking well but mainly I'm finding a lot of roofing screws that will spin freely because they aren't getting a good bite into the roof framing. It looks like they used screws that are too short in an alternating pattern with screws that are they right length.

Sun Nov 23 22:00:22 GMT 1997 PICS Flat  
Sun Nov 23 22:01:45 GMT 1997 PICS End Flat  
Sun Nov 23 22:02:01 GMT 1997 CHIP Bias  
Sun Nov 23 22:03:05 GMT 1997 CHIP End Bias  
Sun Nov 23 22:03:15 GMT 1997 CHIP Water  
Sun Nov 23 22:04:00 GMT 1997 CHIP End Water  
Sun Nov 23 22:43:24 GMT 1997 PICS End Patrol  
Sun Nov 23 22:47:00 GMT 1997 CHIP CHIP End Patrol

COMMENT: Sun Nov 23 22:47:39 GMT 1997

Finished caulking possible roof leaks.

WEATHER COMMENT: Sun Nov 23 22:48:00 GMT 1997

Orographic clouds moved in about 45 minutes ago.

COMMENT: Sun Nov 23 22:51:58 GMT 1997

TAPES:

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MKIII: H01691

CHIP: C00431

PICS: P01045

LOWL: L00485 in drive #0

Sun Nov 23 22:55:04 GMT 1997

MkIII

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|--------------|--------------|--------------|--------------|--------------|
| 17_10.rawmk3 | 18_18.rawmk3 | 19_25.rawmk3 | 20_32.rawmk3 | 21_50.rawmk3 |
| 17_13.rawmk3 | 18_20.rawmk3 | 19_28.rawmk3 | 20_35.rawmk3 | 21_53.rawmk3 |
| 17_16.rawmk3 | 18_23.rawmk3 | 19_31.rawmk3 | 20_38.rawmk3 | 21_55.rawmk3 |
| 17_19.rawmk3 | 18_26.rawmk3 | 19_34.rawmk3 | 20_41.rawmk3 | 21_58.rawmk3 |
| 17_22.rawmk3 | 18_29.rawmk3 | 19_36.rawmk3 | 20_44.rawmk3 | 22_01.rawmk3 |
| 17_25.rawmk3 | 18_32.rawmk3 | 19_39.rawmk3 | 20_47.rawmk3 | 22_04.rawmk3 |
| 17_28.rawmk3 | 18_35.rawmk3 | 19_42.rawmk3 | 20_50.rawmk3 | 22_07.rawmk3 |
| 17_31.rawmk3 | 18_38.rawmk3 | 19_45.rawmk3 | 20_52.rawmk3 | 22_10.rawmk3 |
| 17_34.rawmk3 | 18_41.rawmk3 | 19_48.rawmk3 | 20_55.rawmk3 | 22_13.rawmk3 |

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|--------------|--------------|--------------|--------------|---------------|
| 17_37.rawmk3 | 18_44.rawmk3 | 19_51.rawmk3 | 20_58.rawmk3 | 22_16.rawmk3  |
| 17_40.rawmk3 | 18_47.rawmk3 | 19_54.rawmk3 | 21_01.rawmk3 | 22_19.rawmk3  |
| 17_42.rawmk3 | 18_50.rawmk3 | 19_57.rawmk3 | 21_04.rawmk3 | 22_22.rawmk3  |
| 17_45.rawmk3 | 18_53.rawmk3 | 20_00.rawmk3 | 21_07.rawmk3 | 22_25.rawmk3  |
| 17_48.rawmk3 | 18_56.rawmk3 | 20_03.rawmk3 | 21_10.rawmk3 | 22_28.rawmk3  |
| 17_51.rawmk3 | 18_58.rawmk3 | 20_06.rawmk3 | 21_13.rawmk3 | 22_31.rawmk3  |
| 17_54.rawmk3 | 19_01.rawmk3 | 20_09.rawmk3 | 21_16.rawmk3 | 22_33.rawmk3  |
| 17_57.rawmk3 | 19_04.rawmk3 | 20_12.rawmk3 | 21_19.rawmk3 | 22_36.rawmk3  |
| 18_00.rawmk3 | 19_07.rawmk3 | 20_14.rawmk3 | 21_22.rawmk3 | 22_39.rawmk3  |
| 18_03.rawmk3 | 19_10.rawmk3 | 20_17.rawmk3 | 21_25.rawmk3 | 22_42.rawmk3  |
| 18_06.rawmk3 | 19_13.rawmk3 | 20_20.rawmk3 | 21_31.rawmk3 | c21_28.rawmk3 |
| 18_09.rawmk3 | 19_16.rawmk3 | 20_23.rawmk3 | 21_37.rawmk3 | c21_34.rawmk3 |
| 18_12.rawmk3 | 19_19.rawmk3 | 20_26.rawmk3 | 21_44.rawmk3 | c21_40.rawmk3 |
| 18_15.rawmk3 | 19_22.rawmk3 | 20_29.rawmk3 | 21_47.rawmk3 |               |