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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 19 17:14:03 GMT 2000

Year: 00 Doy: 354

Observer: yasukawa

WEATHER COMMENT: Tue Dec 19 17:15:04 GMT 2000

Cool, clear, light southeast breeze.

Tue Dec 19 17:20:31 GMT 2000 CHIP Start 7 Passband Patrol

Tue Dec 19 17:20:37 GMT 2000 PICS Start Patrol

\*\*CHIP PROBLEM\*\*: Tue Dec 19 17:20:25 GMT 2000

Dome temp = 44 F

Plate temp = 16.575 C

Filter temp = 34.279 C

PSPT COMMENT: Tue Dec 19 17:22:44 GMT 2000

Shutter s/n 1376 that was sent to Vincent Associates for warranty repair under RMA# 1127PM2 was returned yesterday. Tested this morning and placed in spares inventory.

\*\*PICS PROBLEM\*\*: Tue Dec 19 17:31:48 GMT 2000

PICS stalled again this morning, this time in Halphadisc mode, (init yesterday), cancelled WaitAccu to continue.

Tue Dec 19 17:34:10 GMT 2000 MKIV Start Patrol

\*\*PICS PROBLEM\*\*: Tue Dec 19 17:35:42 GMT 2000

Stalled in halphadisc again, cancelled WaitAccu again.

\*\*PICS PROBLEM\*\*: Tue Dec 19 17:39:38 GMT 2000

Stalled in halphadisc again. Did a Kill/Run cycle this time to attempt fix.

Tue Dec 19 17:41:22 GMT 2000 PICS Start Patrol

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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 19 17:56:32 GMT 2000

Year: 00 Doy: 354

Observer: yasukawa

\*\*MKIV PROBLEM\*\*: Tue Dec 19 17:59:02 GMT 2000

nahenahe selfbooted itself. Relogged in and fixed the logs.

\*\*PICS PROBLEM\*\*: Tue Dec 19 17:59:53 GMT 2000

Kill/Run did not resolve problem. Emailed David, inquiring whether there was a software change overnight without alerting us. Meanwhile, PICS is down unless I sit in front of the workstation and type Cancel WaitAccu every 3 minutes after each stall.

Tue Dec 19 18:06:15 GMT 2000 PICS Flat

Tue Dec 19 18:09:54 GMT 2000 PICS End Flat

\*\*PICS PROBLEM\*\*: Tue Dec 19 18:09:41 GMT 2000

Yes, David did modify the program to try to troubleshoot the multi-image problem. Program has been fixed and I will pick up the fixed program after the flat fielding routine is done using End/Patrol cycle.

Tue Dec 19 18:13:04 GMT 2000 PICS End Patrol

Tue Dec 19 18:14:12 GMT 2000 PICS Start Patrol  
 \*\*PSPT PROBLEM\*\*: Tue Dec 19 18:40:27 GMT 2000  
 PSPT crashed at 1825 after taking Blue image (typical crash point).  
 Killed process and restarted.  
 A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Dec 19 18:42:43 GMT 2000  
 Tue Dec 19 20:00:57 GMT 2000 CHIP LSD  
 Tue Dec 19 20:03:45 GMT 2000 CHIP End LSD  
 Tue Dec 19 20:03:59 GMT 2000 CHIP BiasLSD  
 Tue Dec 19 20:04:49 GMT 2000 CHIP End BiasLSD  
 Tue Dec 19 20:05:04 GMT 2000 CHIP Bias7  
 Tue Dec 19 20:05:56 GMT 2000 CHIP End Bias7  
 COMMENT: Tue Dec 19 21:37:03 GMT 2000  
 Declination reset itself. Repointed and reset guider.  
 Tue Dec 19 22:03:57 GMT 2000 CHIP End Patrol  
 Tue Dec 19 22:03:59 GMT 2000 PICS End Patrol  
 \*\*CHIP PROBLEM\*\*: Tue Dec 19 22:04:15 GMT 2000  
 Plate temp = 24.234 C  
 Filter temp = 34.386 C  
 Tue Dec 19 22:06:25 GMT 2000  
 MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 17_34.rawmk4 | 18_47.rawmk4 | 19_41.rawmk4 | 20_34.rawmk4 | 21_28.rawmk4  |
| 17_37.rawmk4 | 18_50.rawmk4 | 19_44.rawmk4 | 20_37.rawmk4 | 21_31.rawmk4  |
| 17_40.rawmk4 | 18_53.rawmk4 | 19_47.rawmk4 | 20_40.rawmk4 | 21_34.rawmk4  |
| 17_43.rawmk4 | 18_56.rawmk4 | 19_50.rawmk4 | 20_43.rawmk4 | 21_37.rawmk4  |
| 17_56.rawmk4 | 18_59.rawmk4 | 19_53.rawmk4 | 20_46.rawmk4 | 21_40.rawmk4  |
| 17_59.rawmk4 | 19_02.rawmk4 | 19_56.rawmk4 | 20_49.rawmk4 | 21_43.rawmk4  |
| 18_02.rawmk4 | 19_05.rawmk4 | 19_59.rawmk4 | 20_52.rawmk4 | 21_46.rawmk4  |
| 18_05.rawmk4 | 19_08.rawmk4 | 20_02.rawmk4 | 20_55.rawmk4 | 21_49.rawmk4  |
| 18_08.rawmk4 | 19_11.rawmk4 | 20_05.rawmk4 | 20_58.rawmk4 | 21_52.rawmk4  |
| 18_11.rawmk4 | 19_14.rawmk4 | 20_08.rawmk4 | 21_01.rawmk4 | 21_55.rawmk4  |
| 18_14.rawmk4 | 19_17.rawmk4 | 20_10.rawmk4 | 21_04.rawmk4 | 21_58.rawmk4  |
| 18_20.rawmk4 | 19_20.rawmk4 | 20_13.rawmk4 | 21_07.rawmk4 | 22_01.rawmk4  |
| 18_26.rawmk4 | 19_23.rawmk4 | 20_16.rawmk4 | 21_10.rawmk4 | c18_17.rawmk4 |
| 18_32.rawmk4 | 19_26.rawmk4 | 20_19.rawmk4 | 21_13.rawmk4 | c18_23.rawmk4 |
| 18_36.rawmk4 | 19_29.rawmk4 | 20_22.rawmk4 | 21_16.rawmk4 | c18_29.rawmk4 |
| 18_39.rawmk4 | 19_32.rawmk4 | 20_25.rawmk4 | 21_19.rawmk4 |               |
| 18_42.rawmk4 | 19_35.rawmk4 | 20_28.rawmk4 | 21_22.rawmk4 |               |
| 18_45.rawmk4 | 19_38.rawmk4 | 20_31.rawmk4 | 21_25.rawmk4 |               |