
Mauna Loa Solar Observatory Observer's Log

Tue Jun 13 16:20:27 GMT 2000

Year: 00 Doy: 165

Observer: yasukawa

WEATHER COMMENT: Tue Jun 13 16:20:54 GMT 2000

Cool, in broken cirrus, brisk west wind.

****LOW-L PROBLEM****: Tue Jun 13 16:21:22 GMT 2000

L00721 found popped out this morning. It was around 60 files yesterday. There were 2 files on the backup blank tape in drive #1, no image on screen due to clouds on east horizon. Rewound tape in drive 1. Started lowl with L00722 in drive #0 after cleaning drive.

Tue Jun 13 16:26:50 GMT 2000 CHIP Startup--Initializing new tape

Tue Jun 13 16:27:11 GMT 2000 MKIV Start Patrol

Tue Jun 13 16:27:16 GMT 2000 PICS Start Patrol

****PICS PROBLEM****: Tue Jun 13 16:27:25 GMT 2000

I will take a few loops of PICS data before stopping to repack occulting wheel motor gearbox with thinned grease. We will try to run with it until Greg sends out a replacement Siemon motor cannibalized from the dust cap unit that is in Boulder for redesign. Learned from archived drawings that the motor on the old 8-station filter wheel that was shipped to Boulder is a Pittman, not a Siemon.

Tue Jun 13 16:31:36 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Tue Jun 13 16:43:40 GMT 2000 PICS End Patrol

COMMENT: Tue Jun 13 18:30:21 GMT 2000

Working on occulting wheel caused loss of guiding. Repointing.

Tue Jun 13 18:32:11 GMT 2000 PICS Start Patrol

****CHIP PROBLEM****: Tue Jun 13 18:34:41 GMT 2000

CHIP image not centered due to guiding loss. Moved objective to default position manually.

****PICS PROBLEM****: Tue Jun 13 18:40:11 GMT 2000

Cleaned and repacked occulting wheel motor and gearbox. Noise is coming from the motor bearings. Motor needs to be replaced at some time. It is quiet now, but will probably get noisy when it gets hot or after running for a while.

****CHIP PROBLEM****: Tue Jun 13 18:45:07 GMT 2000

CHIP diffuser was also in for some reason. Just moved it out.

Tue Jun 13 18:58:52 GMT 2000 MKIV Start Patrol

****MKIV PROBLEM****: Tue Jun 13 18:59:25 GMT 2000

xanim images hosed. Stopping to reset KCC.

WEATHER COMMENT: Tue Jun 13 19:03:05 GMT 2000

In altostratus.

PICS COMMENT: Tue Jun 13 19:03:23 GMT 2000

Occulting wheel motor sounds OK for now.

COMMENT: Tue Jun 13 19:05:33 GMT 2000

Stopping to reconfigure dome shutter while in altostratus and while KCC is rebooting.

Tue Jun 13 19:06:27 GMT 2000 PICS End Patrol
 Tue Jun 13 19:07:58 GMT 2000 CHIP CHIP End Patrol
 Tue Jun 13 19:15:19 GMT 2000 PICS Start Patrol
 Tue Jun 13 19:15:19 GMT 2000 PICS Start Patrol
 Tue Jun 13 19:18:21 GMT 2000 MKIV Start Patrol
 WEATHER COMMENT: Tue Jun 13 19:38:44 GMT 2000
 In orographic clouds.
 Tue Jun 13 20:01:14 GMT 2000 CHIP Gain7
 Tue Jun 13 20:09:56 GMT 2000 CHIP End Gain
 Tue Jun 13 20:10:14 GMT 2000 CHIP Bias
 Tue Jun 13 20:11:23 GMT 2000 CHIP End Bias
 MKIV PROBLEM: Tue Jun 13 20:28:49 GMT 2000
 Xanim stil hosed. Resetting KCC again, this time powering down/up KCC.
 Tue Jun 13 20:34:54 GMT 2000 MKIV Start Patrol
 WEATHER COMMENT: Tue Jun 13 20:40:06 GMT 2000
 In thick orographic clouds.
 MKIV PROBLEM: Tue Jun 13 20:40:47 GMT 2000
 Power cycle fixed xanim. Needed to reset transformation board, not just KCC.
 MKIV PROBLEM: Tue Jun 13 21:15:51 GMT 2000
 Xanim images still look bad after that good one.
 PICS PROBLEM: Tue Jun 13 21:31:16 GMT 2000
 Occulting wheel motor is noisy again. Looks like we should replace
 it as soon as we get the replacement from Greg. It was shipped out
 today.
 WEATHER COMMENT: Tue Jun 13 21:40:01 GMT 2000
 In orographic clouds again.
 Tue Jun 13 21:56:27 GMT 2000 PICS End Patrol
 Tue Jun 13 21:59:37 GMT 2000 CHIP CHIP End Patrol
 Tue Jun 13 22:02:53 GMT 2000 CHIP ending tape
 COMMENT: Tue Jun 13 22:07:08 GMT 2000
 Tapes:
 MKIV: 00-165
 PICS: P01775
 CHIP: C01154
 LOWL: L00722
 Tue Jun 13 22:08:38 GMT 2000
 MkIV

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| 16_27.rawmk4 | 17_29.rawmk4 | 18_30.rawmk4 | 19_57.rawmk4 | 21_04.rawmk4 |
| 16_30.rawmk4 | 17_32.rawmk4 | 18_33.rawmk4 | 20_00.rawmk4 | 21_07.rawmk4 |
| 16_33.rawmk4 | 17_35.rawmk4 | 18_36.rawmk4 | 20_03.rawmk4 | 21_10.rawmk4 |
| 16_36.rawmk4 | 17_36.rawmk4 | 18_42.rawmk4 | 20_06.rawmk4 | 21_13.rawmk4 |
| 16_39.rawmk4 | 17_40.rawmk4 | 18_49.rawmk4 | 20_09.rawmk4 | 21_16.rawmk4 |
| 16_42.rawmk4 | 17_43.rawmk4 | 18_55.rawmk4 | 20_12.rawmk4 | 21_19.rawmk4 |
| 16_45.rawmk4 | 17_46.rawmk4 | 18_58.rawmk4 | 20_14.rawmk4 | 21_22.rawmk4 |
| 16_48.rawmk4 | 17_49.rawmk4 | 19_01.rawmk4 | 20_17.rawmk4 | 21_25.rawmk4 |
| 16_51.rawmk4 | 17_52.rawmk4 | 19_18.rawmk4 | 20_20.rawmk4 | 21_28.rawmk4 |
| 16_53.rawmk4 | 17_55.rawmk4 | 19_21.rawmk4 | 20_23.rawmk4 | 21_31.rawmk4 |

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| 16_56.rawmk4 | 17_58.rawmk4 | 19_24.rawmk4 | 20_26.rawmk4 | 21_34.rawmk4 |
| 16_59.rawmk4 | 18_01.rawmk4 | 19_27.rawmk4 | 20_34.rawmk4 | 21_37.rawmk4 |
| 17_02.rawmk4 | 18_04.rawmk4 | 19_30.rawmk4 | 20_38.rawmk4 | 21_40.rawmk4 |
| 17_05.rawmk4 | 18_07.rawmk4 | 19_33.rawmk4 | 20_40.rawmk4 | 21_43.rawmk4 |
| 17_08.rawmk4 | 18_10.rawmk4 | 19_36.rawmk4 | 20_43.rawmk4 | 21_46.rawmk4 |
| 17_11.rawmk4 | 18_13.rawmk4 | 19_39.rawmk4 | 20_46.rawmk4 | 21_49.rawmk4 |
| 17_14.rawmk4 | 18_16.rawmk4 | 19_42.rawmk4 | 20_49.rawmk4 | 21_52.rawmk4 |
| 17_17.rawmk4 | 18_19.rawmk4 | 19_45.rawmk4 | 20_52.rawmk4 | 21_54.rawmk4 |
| 17_20.rawmk4 | 18_22.rawmk4 | 19_48.rawmk4 | 20_55.rawmk4 | c18_39.rawmk4 |
| 17_23.rawmk4 | 18_25.rawmk4 | 19_51.rawmk4 | 20_58.rawmk4 | c18_46.rawmk4 |
| 17_26.rawmk4 | 18_28.rawmk4 | 19_54.rawmk4 | 21_01.rawmk4 | c18_52.rawmk4 |