
Mauna Loa Solar Observatory Observer's Log

Wed Mar 12 16:49:16 GMT 2003

Year: 03 Doy: 071

Observer: yasukawa

WEATHER COMMENT: Wed Mar 12 16:49:37 GMT 2003

Cool, clear, light southwest wind.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Mar 12 17:01:57 GMT 2003

Wed Mar 12 17:03:49 GMT 2003 CHIP Start Patrol

Wed Mar 12 17:03:54 GMT 2003 PICS Start Patrol

MKIV COMMENT: Wed Mar 12 17:11:01 GMT 2003

Preset O1 guider stepper.

PSPT COMMENT: Wed Mar 12 17:14:21 GMT 2003

Starting daily observations.

Wed Mar 12 17:22:40 GMT 2003 MKIV Start Patrol

MKIV PROBLEM: Wed Mar 12 17:24:03 GMT 2003

Barrel appears "stuck" at 179-182 degrees. Checking things out.

MKIV PROBLEM: Wed Mar 12 17:25:37 GMT 2003

Reset KCC by cycling power. Reset guider after turning KCC back on.

MKIV PROBLEM: Wed Mar 12 17:27:57 GMT 2003

Barrel rotating OK CW to limit and CCW return to 175 start-up point at KCC reset.

Wed Mar 12 17:29:26 GMT 2003 MKIV Start Patrol

MKIV PROBLEM: Wed Mar 12 17:30:08 GMT 2003

Still experiencing binding at 170 degrees. Checking wrap-up.

MKIV COMMENT: Wed Mar 12 17:30:53 GMT 2003

Centering O1.

Wed Mar 12 17:33:55 GMT 2003 CHIP End Patrol

Wed Mar 12 17:35:43 GMT 2003 PICS End Patrol

COMMENT: Wed Mar 12 17:35:28 GMT 2003

Stopping PICS and CHIP. Need to swing spar vertical to access wrap-up safely.

Wed Mar 12 17:48:42 GMT 2003 CHIP Start Patrol

MKIV PROBLEM: Wed Mar 12 17:45:51 GMT 2003

I did find some minor binding of the red camera heater power cable in the wrap-up. Un-did the binding and closed things up, repointed spar.

Need to rethink solution to binding--more supple spacer solution or major re-wiring with larger diameter cable.

Recentered O1.

Wed Mar 12 17:48:53 GMT 2003 PICS Start Patrol

Wed Mar 12 17:49:03 GMT 2003 MKIV Start Patrol

MKIV PROBLEM: Wed Mar 12 17:49:31 GMT 2003

Barrel now scanning beyond stall point.

Wed Mar 12 18:00:49 GMT 2003 CHIP LSD

Wed Mar 12 18:02:34 GMT 2003 CHIP End LSD

Wed Mar 12 18:02:48 GMT 2003 CHIP BiasLSD

Wed Mar 12 18:03:46 GMT 2003 CHIP End BiasLSD
Wed Mar 12 18:03:54 GMT 2003 PICS Flat
Wed Mar 12 18:03:59 GMT 2003 CHIP Bias
Wed Mar 12 18:05:00 GMT 2003 CHIP End Bias
Wed Mar 12 18:06:36 GMT 2003 PICS End Flat
Wed Mar 12 18:24:50 GMT 2003 MKIV End Patrol
Wed Mar 12 18:25:00 GMT 2003 MKIV Start Cal
Wed Mar 12 18:43:45 GMT 2003 MKIV End Cal
Wed Mar 12 18:43:55 GMT 2003 MKIV Start Patrol
MKIV COMMENT: Wed Mar 12 18:46:55 GMT 2003
Centered O1.
**** EVENT COMMENT ****: Wed Mar 12 19:31:48 GMT 2003
Small eruptive filament at active region on northeast quadrant of disk
from 1758-1839 UT.
MKIV COMMENT: Wed Mar 12 19:48:35 GMT 2003
Centered O1.
COMMENT: Wed Mar 12 20:10:52 GMT 2003
Declination reset. Repointed spar and reset guider.
COMMENT: Wed Mar 12 20:23:28 GMT 2003
Stopping to reconfigure dome shutter.
Wed Mar 12 20:23:44 GMT 2003 CHIP End Patrol
Wed Mar 12 20:24:10 GMT 2003 MKIV End Patrol
Wed Mar 12 20:25:38 GMT 2003 PICS End Patrol
Wed Mar 12 20:30:39 GMT 2003 MKIV Start Patrol
COMMENT: Wed Mar 12 20:30:53 GMT 2003
Turned on ADR at this time.
Wed Mar 12 20:30:56 GMT 2003 CHIP Start Patrol
Wed Mar 12 20:31:08 GMT 2003 PICS Start Patrol
MKIV COMMENT: Wed Mar 12 20:51:16 GMT 2003
Centered O1.
PICS PROBLEM: Wed Mar 12 21:11:54 GMT 2003
PICS still at the hairy edge of the ADR sensor's range. Moved dome manually
and turned ADR back on.
MKIV COMMENT: Wed Mar 12 21:53:02 GMT 2003
Centered O1.
MKIV COMMENT: Wed Mar 12 22:55:03 GMT 2003
Centered O1.
COMMENT: Wed Mar 12 23:55:07 GMT 2003
Didn't move ladder far enough out of the way this morning, Spar bumped
ladder.
MKIV COMMENT: Wed Mar 12 23:57:29 GMT 2003
Centered O1.
MKIV COMMENT: Thu Mar 13 00:44:35 GMT 2003
Centered O1.
Thu Mar 13 01:11:27 GMT 2003 CHIP End Patrol
COMMENT: Thu Mar 13 01:11:41 GMT 2003
Stopping to reconfigure dome shutter.
Thu Mar 13 01:14:07 GMT 2003 MKIV End Patrol

Thu Mar 13 01:15:03 GMT 2003 PICS End Patrol
 Thu Mar 13 01:20:37 GMT 2003 MKIV Start Patrol
 Thu Mar 13 01:20:42 GMT 2003 CHIP Start Patrol
 Thu Mar 13 01:20:52 GMT 2003 PICS Start Patrol
 MKIV COMMENT: Thu Mar 13 01:47:06 GMT 2003
 Centered O1.
 PSPT COMMENT: Thu Mar 13 02:25:17 GMT 2003
 Shutting down PSPT for the day. Leaving filter heater on overnight.
 Thu Mar 13 02:30:59 GMT 2003 CHIP End Patrol
 Thu Mar 13 02:31:37 GMT 2003 MKIV End Patrol
 Thu Mar 13 02:32:36 GMT 2003 PICS End Patrol
 Thu Mar 13 02:34:07 GMT 2003 PICS Start Patrol
 **** EVENT COMMENT ****: Thu Mar 13 02:50:34 GMT 2003
 Nice flare near center of the disk from around 0200 UT.
 PICS COMMENT: Thu Mar 13 02:51:08 GMT 2003
 Turned PICS back on to continue observing flare while I gave Dave Haner
 from the JPL team a quick tour of our facility.
 Thu Mar 13 02:54:02 GMT 2003 PICS End Patrol
 COMMENT: Thu Mar 13 02:58:10 GMT 2003
 Need to get down to Hilo for important meeting. Disk H-alpha event
 was about over.
 Thu Mar 13 02:59:05 GMT 2003

MkIV

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00_03.rawmk4	01_52.rawmk4	19_01.rawmk4	20_51.rawmk4	22_34.rawmk4
00_06.rawmk4	01_55.rawmk4	19_04.rawmk4	20_54.rawmk4	22_37.rawmk4
00_09.rawmk4	01_58.rawmk4	19_07.rawmk4	20_57.rawmk4	22_40.rawmk4
00_12.rawmk4	02_01.rawmk4	19_10.rawmk4	21_00.rawmk4	22_43.rawmk4
00_15.rawmk4	02_04.rawmk4	19_13.rawmk4	21_03.rawmk4	22_45.rawmk4
00_18.rawmk4	02_07.rawmk4	19_16.rawmk4	21_05.rawmk4	22_48.rawmk4
00_21.rawmk4	02_10.rawmk4	19_19.rawmk4	21_08.rawmk4	22_51.rawmk4
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