
Mauna Loa Solar Observatory Observer's Log

Thu Feb 20 17:25:17 GMT 2003

Year: 03 Doy: 051

Observer: koon

Thu Feb 20 17:31:15 GMT 2003 MKIV Start Patrol

Thu Feb 20 17:31:10 GMT 2003 CHIP Start Patrol

Thu Feb 20 17:31:19 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Thu Feb 20 17:25:30 GMT 2003

Clear sky, wind=5 mph from the South, temp=38 F.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Feb 20 17:48:13 GMT 2003

MKIV COMMENT: Thu Feb 20 17:48:32 GMT 2003

Centered occulting.

PSPT COMMENT: Thu Feb 20 17:59:59 GMT 2003

Observing.

Thu Feb 20 18:01:44 GMT 2003 CHIP LSD

Thu Feb 20 18:03:34 GMT 2003 CHIP End LSD

Thu Feb 20 18:03:46 GMT 2003 CHIP BiasLSD

Thu Feb 20 18:04:44 GMT 2003 CHIP End BiasLSD

Thu Feb 20 18:05:04 GMT 2003 CHIP Bias

Thu Feb 20 18:05:10 GMT 2003 PICS Flat

Thu Feb 20 18:06:09 GMT 2003 CHIP End Bias

Thu Feb 20 18:07:38 GMT 2003 PICS End Flat

Thu Feb 20 18:13:06 GMT 2003 MKIV End Patrol

Thu Feb 20 18:13:18 GMT 2003 MKIV Start Cal

Thu Feb 20 18:32:15 GMT 2003 MKIV End Cal

WEATHER COMMENT: Thu Feb 20 19:49:21 GMT 2003

Alto cumulus clouds are passing over.

MKIV COMMENT: Thu Feb 20 20:03:50 GMT 2003

Pausing due to clouds.

Thu Feb 20 20:08:27 GMT 2003 MKIV End Patrol

Thu Feb 20 21:37:33 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Thu Feb 20 21:37:42 GMT 2003

Clouds thinned.

MKIV COMMENT: Thu Feb 20 21:37:51 GMT 2003

Centered occulting, restarted obs since clouds are thinning.

WEATHER COMMENT: Thu Feb 20 23:04:53 GMT 2003

Pausing due to clouds.

Thu Feb 20 23:06:10 GMT 2003 MKIV End Patrol

WEATHER COMMENT: Fri Feb 21 00:00:20 GMT 2003

Clouds getting thicker, spar not tracking, paused instruments.

Fri Feb 21 00:53:18 GMT 2003 CHIP End Patrol

Fri Feb 21 01:52:23 GMT 2003 MKIV Start Patrol

Fri Feb 21 02:55:48 GMT 2003 MKIV End Patrol

MKIV COMMENT: Fri Feb 21 02:58:23 GMT 2003

Please ignore any data files taken after 0152, they aren't real data, I was running the barrel in Patrol while I worked on the camera heater cable wrapup

modifications. I tried installing the plastic tubing but that actually made things worse, forcing the cable out of the wrapup past the sheetmetal shield. So I removed the tubing and found that if I removed about 2 feet of cable from the wrapup then that fixed any binding and tangling problems - so I did that. There are 3 loops of cable in the wrapup but we could probably do better with 1.5 to 2 loops at most when the wrapup is fully tightened, but I left it that way and just pulled excess cable length out of the wrapup instead. It is best to have the MkIV running while watching the cables with one side of the sheetmetal shield removed, so you can see where full wrap and full unwrap is and how the cable behaves dynamically when the barrel is moving between those extremes. I left enough extra cable for an extra 1/4 plus revolution of tightening since the Spar sometimes gets into that funny crash mode where it goes that much extra and stalls. Keep an eye on the barrel angle readout to make sure nothing binds which would make the barrel angle reading stay at a strange reading or slightly oscillate there. I think it is fine now.

Fri Feb 21 03:19:30 GMT 2003

MkIV

01_52.rawmk4	17_51.rawmk4	18_59.rawmk4	19_55.rawmk4	22_24.rawmk4
01_56.rawmk4	17_54.rawmk4	19_02.rawmk4	19_58.rawmk4	22_27.rawmk4
02_03.rawmk4	17_57.rawmk4	19_05.rawmk4	20_04.rawmk4	22_30.rawmk4
02_11.rawmk4	18_00.rawmk4	19_08.rawmk4	21_37.rawmk4	22_33.rawmk4
02_15.rawmk4	18_03.rawmk4	19_11.rawmk4	21_40.rawmk4	22_36.rawmk4
02_18.rawmk4	18_06.rawmk4	19_14.rawmk4	21_43.rawmk4	22_39.rawmk4
02_25.rawmk4	18_09.rawmk4	19_17.rawmk4	21_46.rawmk4	22_42.rawmk4
02_29.rawmk4	18_16.rawmk4	19_20.rawmk4	21_49.rawmk4	22_45.rawmk4
02_43.rawmk4	18_22.rawmk4	19_23.rawmk4	21_52.rawmk4	22_48.rawmk4
02_46.rawmk4	18_28.rawmk4	19_26.rawmk4	21_55.rawmk4	22_51.rawmk4
02_49.rawmk4	18_32.rawmk4	19_29.rawmk4	21_58.rawmk4	22_53.rawmk4
02_52.rawmk4	18_36.rawmk4	19_32.rawmk4	22_01.rawmk4	22_56.rawmk4
17_31.rawmk4	18_39.rawmk4	19_35.rawmk4	22_03.rawmk4	22_59.rawmk4
17_34.rawmk4	18_42.rawmk4	19_38.rawmk4	22_06.rawmk4	23_02.rawmk4
17_37.rawmk4	18_45.rawmk4	19_40.rawmk4	22_09.rawmk4	c18_13.rawmk4
17_40.rawmk4	18_48.rawmk4	19_43.rawmk4	22_12.rawmk4	c18_19.rawmk4
17_43.rawmk4	18_50.rawmk4	19_46.rawmk4	22_15.rawmk4	c18_25.rawmk4
17_46.rawmk4	18_53.rawmk4	19_49.rawmk4	22_18.rawmk4	
17_49.rawmk4	18_56.rawmk4	19_52.rawmk4	22_21.rawmk4	