
Mauna Loa Solar Observatory Observer's Log

Sat Jan 31 17:20:45 GMT 1998

Year: 98 Doy: 031

Observer: koon

WEATHER COMMENT: Sat Jan 31 17:20:47 GMT 1998

Medium to thick cirrostratus, wind=10 mph from the SSW, temp=42 F.

Sat Jan 31 17:21:30 GMT 1998 CHIP Startup--Initializing new tape

Sat Jan 31 17:25:44 GMT 1998 CHIP CHIP Start Patrol

Sat Jan 31 17:25:44 GMT 1998 CHIP CHIP Start Patrol

MKIII COMMENT: Sat Jan 31 17:26:46 GMT 1998

Will wait for clouds to clear before starting this.

PSPT COMMENT: Sat Jan 31 17:27:15 GMT 1998

Will wait for clouds to clear before starting this.

MKIII COMMENT: Sat Jan 31 17:48:27 GMT 1998

*****RECYCLING H01728*****

Sat Jan 31 18:00:15 GMT 1998 PICS Flat

Sat Jan 31 18:01:41 GMT 1998 PICS End Flat

Sat Jan 31 18:02:05 GMT 1998 CHIP Bias

Sat Jan 31 18:03:07 GMT 1998 CHIP End Bias

Sat Jan 31 18:03:14 GMT 1998 CHIP Water

Sat Jan 31 18:03:59 GMT 1998 CHIP End Water

COMMENT: Sat Jan 31 18:52:32 GMT 1998

Adjusted Spar guiding so that the MKIII O1 guiding was centered.

Sat Jan 31 19:00:13 GMT 1998 PICS Flat

Sat Jan 31 19:01:37 GMT 1998 PICS End Flat

Sat Jan 31 19:02:07 GMT 1998 CHIP Bias

Sat Jan 31 19:03:03 GMT 1998 CHIP End Bias

Sat Jan 31 19:03:11 GMT 1998 CHIP Water

Sat Jan 31 19:03:59 GMT 1998 CHIP End Water

Sat Jan 31 20:00:23 GMT 1998 PICS Flat

Sat Jan 31 20:01:54 GMT 1998 PICS End Flat

Sat Jan 31 20:02:04 GMT 1998 CHIP Gain

Sat Jan 31 20:08:00 GMT 1998 CHIP End Gain

Sat Jan 31 20:08:07 GMT 1998 CHIP Bias

Sat Jan 31 20:08:59 GMT 1998 CHIP End Bias

Sat Jan 31 20:09:07 GMT 1998 CHIP Water

Sat Jan 31 20:09:46 GMT 1998 CHIP End Water

Sat Jan 31 20:15:27 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Sat Jan 31 20:15:56 GMT 1998

Cirrostratus has thinned out.

MKIII COMMENT: Sat Jan 31 20:16:16 GMT 1998

Started observations with this.

PSPT COMMENT: Sat Jan 31 20:16:29 GMT 1998

Starting observations with this.

MKIII COMMENT: Sat Jan 31 20:20:27 GMT 1998
Had to adjust the Spar guider again to get the O1 guider centered in E-W.
MKIII COMMENT: Sat Jan 31 20:24:37 GMT 1998

*****RECYCLING H01729*****

MKIII COMMENT: Sat Jan 31 20:35:15 GMT 1998
Since the O1 guiders are causing more problems than they are worth I disconnected them up near the O1. This will reduce the bad occulting for the PICS and probably for the MKIII as well. I can still watch the O1 occulting sensors on the OCP and see if they get far off. It might be a good idea to run this way, that is, occasionally adjust the Spar guider while the O1 guiders are hooked up so that the MK3 occulting gets peaked, then disconnect the O1 guiders to prevent the Spar bounce problems and other problems that they cause. At least until we find a way to make those O1 guiders work in a better, more damped manner.

Sat Jan 31 21:00:21 GMT 1998	PICS	Flat
Sat Jan 31 21:01:03 GMT 1998	CHIP	Bias
Sat Jan 31 21:01:51 GMT 1998	PICS	End Flat
Sat Jan 31 21:02:03 GMT 1998	CHIP	End Bias
Sat Jan 31 21:02:14 GMT 1998	CHIP	Water
Sat Jan 31 21:03:02 GMT 1998	CHIP	End Water

MKIII COMMENT: Sat Jan 31 21:38:10 GMT 1998

Trying a really late cal to see what happens.

COMMENT: Sat Jan 31 21:43:11 GMT 1998

Lost Spar Guiding in Dec for some reason, repointed and reset the guiders.

MKIII COMMENT: Sat Jan 31 21:44:12 GMT 1998

Queued up Patrol shortly after the Cal began.

Sat Jan 31 22:00:10 GMT 1998	PICS	Flat
Sat Jan 31 22:01:03 GMT 1998	CHIP	Bias
Sat Jan 31 22:01:36 GMT 1998	PICS	End Flat
Sat Jan 31 22:02:08 GMT 1998	CHIP	End Bias
Sat Jan 31 22:02:22 GMT 1998	CHIP	Water
Sat Jan 31 22:03:15 GMT 1998	CHIP	End Water

MKIII COMMENT: Sat Jan 31 22:06:23 GMT 1998

The X axis O1 meter is at -10, the Y axis meter is at -8. It will be interesting to see where they start tomorrow (No O1 guiding), and how they change throughout the day.

Sat Jan 31 22:15:49 GMT 1998	PICS	End Patrol
Sat Jan 31 22:18:33 GMT 1998	CHIP	CHIP End Patrol
Sat Jan 31 22:20:04 GMT 1998	CHIP	ending tape

COMMENT: Sat Jan 31 22:21:22 GMT 1998

TAPES:

MKIII: H01730

PICS: P01100

CHIP: C00488

LOWL: L00494 in drive #1

Sat Jan 31 22:22:59 GMT 1998

MkIII

20_15.rawmk3	20_42.rawmk3	21_08.rawmk3	21_34.rawmk3	22_11.rawmk3
20_18.rawmk3	20_44.rawmk3	21_11.rawmk3	21_37.rawmk3	22_13.rawmk3
20_21.rawmk3	20_47.rawmk3	21_14.rawmk3	21_40.rawmk3	22_16.rawmk3
20_24.rawmk3	20_50.rawmk3	21_17.rawmk3	21_46.rawmk3	c21_43.rawmk3
20_27.rawmk3	20_53.rawmk3	21_20.rawmk3	21_52.rawmk3	c21_49.rawmk3
20_30.rawmk3	20_56.rawmk3	21_22.rawmk3	21_59.rawmk3	c21_55.rawmk3
20_33.rawmk3	20_59.rawmk3	21_25.rawmk3	22_02.rawmk3	
20_36.rawmk3	21_02.rawmk3	21_28.rawmk3	22_05.rawmk3	
20_39.rawmk3	21_05.rawmk3	21_31.rawmk3	22_08.rawmk3	