
Mauna Loa Solar Observatory Observer's Log

Wed May 20 17:11:58 GMT 1998

Year: 98 Doy: 140

Observer: koon

WEATHER COMMENT: Wed May 20 17:11:59 GMT 1998

Scattered cirrus, cloud level is pretty high and fog may become a problem but it is staying away right now, frosty, wind=5 mph from the South, temp=35 F.

Wed May 20 17:19:52 GMT 1998	MKIII	Start Patrol
Wed May 20 17:19:56 GMT 1998	CHIP	CHIP Start Patrol
Wed May 20 17:19:56 GMT 1998	CHIP	CHIP Start Patrol
Wed May 20 18:01:26 GMT 1998	PICS	Flat
Wed May 20 18:02:56 GMT 1998	PICS	End Flat
Wed May 20 18:03:04 GMT 1998	CHIP	Bias
Wed May 20 18:04:08 GMT 1998	CHIP	End Bias
Wed May 20 18:04:26 GMT 1998	CHIP	Water
Wed May 20 18:05:15 GMT 1998	CHIP	End Water
Wed May 20 18:05:25 GMT 1998	CHIP	Velocity
Wed May 20 18:06:27 GMT 1998	CHIP	End Velocity

WEATHER COMMENT: Wed May 20 18:36:43 GMT 1998

Orographic clouds are moving in.

LOW-L COMMENT: Wed May 20 18:48:19 GMT 1998

L00516 popped out of the temp drive #1 as it should have. Installed L00518 in that drive. Will soon go outside to change the heater setpoint to 30 and make a sketch of the inside of the box as requested by Kim.

MKIII COMMENT: Wed May 20 18:51:04 GMT 1998

Calibration is underway, without "exercising" the shutter first, clouds will probably ruin the cal.

Wed May 20 19:01:10 GMT 1998	CHIP	Bias
Wed May 20 19:02:24 GMT 1998	CHIP	End Bias
Wed May 20 19:02:24 GMT 1998	CHIP	End Bias
Wed May 20 19:02:38 GMT 1998	CHIP	Water
Wed May 20 19:03:30 GMT 1998	CHIP	End Water
Wed May 20 19:03:43 GMT 1998	CHIP	Velocity
Wed May 20 19:03:57 GMT 1998	PICS	End Flat
Wed May 20 19:04:51 GMT 1998	CHIP	End Velocity

LOW-L COMMENT: Wed May 20 19:34:09 GMT 1998

I opened the heat exchanger box outside and saw that the heater Omega-3 controller was reading a temperature of 28 and since its setpoint was at 25 the heater wasn't heating. Since the temperature for the E-bay has been low there had to be a problem with the sensor or controller. The temperature reading jumped down from 28 to 23 instantaneously after I wiggled the sensor wire connections, then the heater came on as it should have. I talked to Kim and he said to leave the setpoint at 25 and keep sending the "twice daily" temperature readings, then we'll see how much things have changed. He also said we should simplify the SmartFan circuit

by keeping it at a fixed temperature, I suggested some kind of tunable knob so we can change the setting when we want to, Kim said they'll send us something like that in the next few weeks. I also asked for some more tapes and explained how our tape drive problems have been linked mainly to one tape drive and have cost us a lot of data tapes. He said he'll send more tapes and a new tape drive.

:09:14 GMT 1998 CHIP Bias

Wed May 20 20:10:08 GMT 1998 CHIP End Bias

Wed May 20 20:10:18 GMT 1998 CHIP Water

Wed May 20 20:11:03 GMT 1998 CHIP End Water

Wed May 20 20:11:17 GMT 1998 CHIP Velocity

Wed May 20 20:12:32 GMT 1998 CHIP End Velocity

WEATHER COMMENT: Wed May 20 20:19:41 GMT 1998

Orographic clouds have become very thick and have moved in, fog will start passing by soon, closing down.

Wed May 20 20:28:08 GMT 1998 CHIP CHIP End Patrol

Wed May 20 20:28:43 GMT 1998 PICS End Patrol

Wed May 20 20:34:47 GMT 1998 CHIP ending tape

MKIII COMMENT: Wed May 20 21:52:51 GMT 1998

*****RECYCLING H01827*****

COMMENT: Wed May 20 22:28:16 GMT 1998

TAPES:

MKIII: H01828

PICS: P01195

CHIP: C00587

LOWL: L00517 in temp drive #1

Wed May 20 22:29:20 GMT 1998

MkIII

17_19.rawmk3	18_06.rawmk3	19_03.rawmk3	19_50.rawmk3	20_36.rawmk3
17_23.rawmk3	18_09.rawmk3	19_06.rawmk3	19_52.rawmk3	20_39.rawmk3
17_25.rawmk3	18_12.rawmk3	19_09.rawmk3	19_55.rawmk3	20_42.rawmk3
17_28.rawmk3	18_15.rawmk3	19_12.rawmk3	19_58.rawmk3	20_45.rawmk3
17_31.rawmk3	18_18.rawmk3	19_14.rawmk3	20_01.rawmk3	20_48.rawmk3
17_34.rawmk3	18_21.rawmk3	19_17.rawmk3	20_04.rawmk3	20_51.rawmk3
17_37.rawmk3	18_24.rawmk3	19_20.rawmk3	20_07.rawmk3	20_54.rawmk3
17_40.rawmk3	18_27.rawmk3	19_23.rawmk3	20_10.rawmk3	20_57.rawmk3
17_43.rawmk3	18_30.rawmk3	19_26.rawmk3	20_13.rawmk3	21_00.rawmk3
17_46.rawmk3	18_33.rawmk3	19_29.rawmk3	20_16.rawmk3	c18_47.rawmk3
17_49.rawmk3	18_36.rawmk3	19_32.rawmk3	20_19.rawmk3	c18_53.rawmk3
17_52.rawmk3	18_39.rawmk3	19_35.rawmk3	20_22.rawmk3	c19_00.rawmk3
17_55.rawmk3	18_41.rawmk3	19_38.rawmk3	20_25.rawmk3	
17_58.rawmk3	18_44.rawmk3	19_41.rawmk3	20_28.rawmk3	

18_01.rawmk3 18_50.rawmk3 19_44.rawmk3 20_30.rawmk3
18_03.rawmk3 18_56.rawmk3 19_47.rawmk3 20_33.rawmk3