
Mauna Loa Solar Observatory Observer's Log

Sat Dec 23 17:26:10 GMT 2000

Year: 00 Doy: 358

Observer: koon

WEATHER COMMENT: Sat Dec 23 17:26:11 GMT 2000

Clear sky, wind=5 mph from the SE, temp=39 F.

Sat Dec 23 17:26:53 GMT 2000 CHIP Startup--Initializing new tape

Sat Dec 23 17:35:02 GMT 2000 MKIV Start Patrol

Sat Dec 23 17:35:13 GMT 2000 CHIP Start 7 Passband Patrol

Sat Dec 23 17:35:17 GMT 2000 PICS Start Patrol

CHIP PROBLEM: Sat Dec 23 17:35:32 GMT 2000

Plate temp=15.973 (low), Filter temp=34.285 (in range). The new temperature controller has arrived, I will install it as soon as I read through the manual.

Sat Dec 23 18:01:33 GMT 2000 PICS Flat

Sat Dec 23 18:05:09 GMT 2000 PICS End Flat

Sat Dec 23 18:31:51 GMT 2000 MKIV Start Patrol

WEATHER COMMENT: Sat Dec 23 19:55:22 GMT 2000

Cirrus passing over.

MKIV COMMENT: Sat Dec 23 19:55:38 GMT 2000

Pausing due to clouds.

Sat Dec 23 20:01:40 GMT 2000 CHIP LSD

Sat Dec 23 20:04:34 GMT 2000 CHIP End LSD

Sat Dec 23 20:04:43 GMT 2000 CHIP BiasLSD

Sat Dec 23 20:05:28 GMT 2000 CHIP End BiasLSD

Sat Dec 23 20:05:37 GMT 2000 CHIP Bias7

Sat Dec 23 20:06:27 GMT 2000 CHIP End Bias7

CHIP PROBLEM: Sat Dec 23 21:31:43 GMT 2000

Plate temp=18.493 (low), Filter temp=34.326 (in range). I've installed the new temperature controller, that took a lot longer than I thought it would because the new controller is made by a different company so it mounts differently and has different terminal setup for the wiring. I turned the cooler on and it looks like the setpoint is 20.0 C. I'll keep an eye on things and learn more about the controller operation now.

CHIP PROBLEM: Sat Dec 23 21:50:35 GMT 2000

I changed the setpoint from 20.0 to 23.0 to put it near the center of our ideal plate temperature range of 20.0 to 25.0, the controller looks like it is doing a good job. I will removed the heater and heater pad from the dome.

Sat Dec 23 21:55:48 GMT 2000 CHIP End Patrol

WEATHER COMMENT: Sat Dec 23 21:55:56 GMT 2000

Very cloudy, spar not tracking, closing down.

Sat Dec 23 21:56:19 GMT 2000 CHIP FrontEnd finished.

CHIP PROBLEM: Sat Dec 23 22:04:59 GMT 2000

Plate temp=21.482 (in range), filter temp=34.326 (in range), it looks like this problem is fixed. Heater and heating pad have been removed too, I'll see how it looks tomorrow morning.

Sat Dec 23 22:06:52 GMT 2000
MkIV

17_35.rawmk4	18_04.rawmk4	18_46.rawmk4	19_16.rawmk4	19_45.rawmk4
17_38.rawmk4	18_07.rawmk4	18_49.rawmk4	19_19.rawmk4	19_48.rawmk4
17_41.rawmk4	18_13.rawmk4	18_52.rawmk4	19_22.rawmk4	19_51.rawmk4
17_44.rawmk4	18_20.rawmk4	18_55.rawmk4	19_25.rawmk4	19_54.rawmk4
17_47.rawmk4	18_27.rawmk4	18_58.rawmk4	19_28.rawmk4	19_57.rawmk4
17_50.rawmk4	18_31.rawmk4	19_01.rawmk4	19_31.rawmk4	c18_10.rawmk4
17_52.rawmk4	18_34.rawmk4	19_04.rawmk4	19_34.rawmk4	c18_17.rawmk4
17_56.rawmk4	18_37.rawmk4	19_07.rawmk4	19_37.rawmk4	c18_24.rawmk4
17_58.rawmk4	18_40.rawmk4	19_10.rawmk4	19_40.rawmk4	
18_01.rawmk4	18_43.rawmk4	19_13.rawmk4	19_42.rawmk4	