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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 4 16:59:17 GMT 2000

Year: 00 Doy: 339

Observer: yasukawa

WEATHER COMMENT: Mon Dec 4 17:00:10 GMT 2000

Cool, clear, south wind.

Mon Dec 4 17:11:39 GMT 2000 MKIV Start Patrol

Mon Dec 4 17:11:38 GMT 2000 CHIP Start 7 Passband Patrol

Mon Dec 4 17:11:44 GMT 2000 PICS Start Patrol

\*\*CHIP PROBLEM\*\*: Mon Dec 4 17:23:03 GMT 2000

CHIP images off temperature.

\*\*CHIP PROBLEM\*\*: Mon Dec 4 17:43:53 GMT 2000

Replacement West temperature controller ordered from Tek-Temp for the recirculating chiller. Will take around 2 weeks.

Mon Dec 4 18:02:02 GMT 2000 PICS Flat

Mon Dec 4 18:05:40 GMT 2000 PICS End Flat

Mon Dec 4 18:37:30 GMT 2000 PICS End Patrol

Mon Dec 4 19:07:30 GMT 2000 PICS Start Patrol

WEATHER COMMENT: Mon Dec 4 19:24:23 GMT 2000

In thin cirrus.

\*\*CHIP PROBLEM\*\*: Mon Dec 4 19:33:19 GMT 2000

CHIP plate temperature is 13.79. We placed a floodlight nest to the center of the CHIP optics box in an attempt to warm it up to temperature.

Mon Dec 4 19:34:37 GMT 2000 MKIV Start Patrol

Mon Dec 4 19:34:50 GMT 2000 CHIP End Patrol

\*\*CHIP PROBLEM\*\*: Mon Dec 4 19:34:59 GMT 2000

Also looks like CHIP crashed with filter still in. Stopping and restarting program.

Mon Dec 4 19:35:52 GMT 2000 CHIP Start 7 Passband Patrol

GONG COMMENT: Mon Dec 4 19:52:22 GMT 2000

Going down to GONG to perform weekly and monthly PM.

Mon Dec 4 20:02:57 GMT 2000 CHIP LSD

Mon Dec 4 20:05:39 GMT 2000 CHIP End LSD

Mon Dec 4 20:05:53 GMT 2000 CHIP BiasLSD

Mon Dec 4 20:06:39 GMT 2000 CHIP End BiasLSD

Mon Dec 4 20:06:49 GMT 2000 CHIP Bias7

Mon Dec 4 20:07:38 GMT 2000 CHIP End Bias7

GONG COMMENT: Mon Dec 4 20:25:02 GMT 2000

Back from GONG.

Mon Dec 4 21:02:39 GMT 2000 MKIV Start Patrol

WEATHER COMMENT: Mon Dec 4 21:02:46 GMT 2000

Cirrus thinned out.

WEATHER COMMENT: Mon Dec 4 21:19:37 GMT 2000

In thin cirrus again.

\*\*CHIP PROBLEM\*\*: Mon Dec 4 21:20:03 GMT 2000

CHIP plate temp. is now 17.405, still in red. Lamp may not be that

helpful in bringing temperature into range any faster than yesterday without the lamp.

We will leave a space heater on in the dome overnight to see if that would help keep the plate from cooling down too much.

Mon Dec 4 22:04:49 GMT 2000 CHIP End Patrol

Mon Dec 4 22:05:29 GMT 2000 PICS End Patrol

\*\*CHIP PROBLEM\*\* Mon Dec 4 22:07:16 GMT 2000

CHIP plate never reached temperature, CHIP Filter temperature went thru its operating temperature and is at 35.423 (red)

Mon Dec 4 22:08:49 GMT 2000

MkIV

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| 17_11.rawmk4 | 17_47.rawmk4 | 18_22.rawmk4 | 19_08.rawmk4 | 21_11.rawmk4  |
| 17_14.rawmk4 | 17_50.rawmk4 | 18_25.rawmk4 | 19_11.rawmk4 | 21_14.rawmk4  |
| 17_17.rawmk4 | 17_53.rawmk4 | 18_31.rawmk4 | 19_14.rawmk4 | 21_17.rawmk4  |
| 17_20.rawmk4 | 17_56.rawmk4 | 18_38.rawmk4 | 19_17.rawmk4 | 21_20.rawmk4  |
| 17_23.rawmk4 | 17_59.rawmk4 | 18_44.rawmk4 | 19_20.rawmk4 | 21_23.rawmk4  |
| 17_26.rawmk4 | 18_02.rawmk4 | 18_47.rawmk4 | 19_23.rawmk4 | 21_26.rawmk4  |
| 17_29.rawmk4 | 18_05.rawmk4 | 18_50.rawmk4 | 19_26.rawmk4 | 21_29.rawmk4  |
| 17_32.rawmk4 | 18_08.rawmk4 | 18_53.rawmk4 | 19_34.rawmk4 | c18_28.rawmk4 |
| 17_35.rawmk4 | 18_11.rawmk4 | 18_56.rawmk4 | 19_37.rawmk4 | c18_35.rawmk4 |
| 17_38.rawmk4 | 18_14.rawmk4 | 18_59.rawmk4 | 21_02.rawmk4 | c18_41.rawmk4 |
| 17_41.rawmk4 | 18_16.rawmk4 | 19_02.rawmk4 | 21_05.rawmk4 |               |
| 17_44.rawmk4 | 18_19.rawmk4 | 19_05.rawmk4 | 21_08.rawmk4 |               |