
Mauna Loa Solar Observatory Observer's Log

Mon Apr 30 16:21:04 GMT 2001

Year: 01 Doy: 120

Observer: yasukawa

WEATHER COMMENT: Mon Apr 30 16:21:19 GMT 2001

Cool, in thick altostratus and cirrus overcast, no wind.

COMMENT: Mon Apr 30 16:34:50 GMT 2001

David and Kim on site to work on upgrades.

GONG COMMENT: Mon Apr 30 16:35:08 GMT 2001

Going down to GONG to do weekly PM.

Back

MKIV COMMENT: Mon Apr 30 18:28:00 GMT 2001

Dark noise test. 18_21 South to West P408 and P409 out

West to North P408 in

North to East P409 in

East to South P408 and P409 in.

18_24

Pixel clock jumpers P405 swapped P408 and P409 same azimuths

MKIV COMMENT: Mon Apr 30 19:47:58 GMT 2001

We modified the ancient air scrubbers on the mk4. We removed the hoses from the occulter area to the filter box. We removed the aperture that was the diameter of the fan hub, probably reducing airflow. Old version was pulling air from the O1 area out thru the hoses and filter. We reversed the fan direction to provide a positive filtered air flow to the O1 housing to blow air out around the O1, reducing the opportunity for ambient dust to fall onto the front surface of the O1.

MKIV COMMENT: Mon Apr 30 20:01:00 GMT 2001

Strapping on the Mk4 transformation board was changed to remove noise seen on the analog pixel display. P408 and P409 were removed.

These jumpers tied grounds together and apparently caused ground loops.

Also the gain of Q/U will be closer to the levels seen before swapping to the new Dalsa camera. Software gain has been adjusted.

WEATHER COMMENT: Mon Apr 30 21:52:17 GMT 2001

Still in heavy clouds. Shutdown for the day. Kim and Eric leaving site, David staying over.

Mon Apr 30 21:53:06 GMT 2001

MkIV

18_21.rawmk4 18_24.rawmk4