## Mauna Loa Solar Observatory Observer's Log \_\_\_\_\_\_ Tue Jun 18 16:19:57 GMT 2002 Year: 02 Doy: 169 Observer: yasukawa WEATHER COMMENT: Tue Jun 18 16:20:01 GMT 2002 Cool, in broken altocumulus clouds, brisk south wind. WEATHER COMMENT: Tue Jun 18 16:28:37 GMT 2002 Clouds very thick, very weak shadows. Standing by. Tue Jun 18 16:39:19 GMT 2002 CHIP Start Patrol Tue Jun 18 16:39:28 GMT 2002 Start Patrol PICS Tue Jun 18 17:47:54 GMT 2002 CHIP End Patrol Tue Jun 18 17:48:05 GMT 2002 PICS End Patrol WEATHER COMMENT: Tue Jun 18 17:47:57 GMT 2002 Overcast very thick and quite extensive for now. Stopping CHIP and PICS. GONG COMMENT: Tue Jun 18 17:57:39 GMT 2002 Going down to GONG to do weekly PM and a couple other requested tasks. GONG COMMENT: Tue Jun 18 18:57:37 GMT 2002 Back from GONG \*\*PICS PROBLEM\*\*: Tue Jun 18 20:15:16 GMT 2002 When I changed occulting disk on 5/24/02, DOY 144, I overlooked typing in "SetOccultingDisk 1971" on nene which puts the occulting disk size on the header. I was working on MLSO manual updates and rediscovered this instruction. I'm not sure it was done when we were fiddling with occulter sizes when Holzer requested we use larger occulters March (around 3/4/02). WEATHER COMMENT: Tue Jun 18 20:31:58 GMT 2002 Clouds thinned, thicker altocumulus more scattered. Tue Jun 18 20:32:51 GMT 2002 CHIP Start Patrol Tue Jun 18 20:33:04 GMT 2002 PTCS Start Patrol Tue Jun 18 21:27:10 GMT 2002 MKIV Start Patrol WEATHER COMMENT: Tue Jun 18 21:27:15 GMT 2002 In clear hole. WEATHER COMMENT: Tue Jun 18 21:34:32 GMT 2002 There are scattered patches of orographic clouds so I won't start up PSPT. Tue Jun 18 21:39:17 GMT 2002 MKIV End Patrol Tue Jun 18 21:39:29 GMT 2002 Start Cal MKIV Tue Jun 18 21:58:13 GMT 2002 End Cal MKIV Tue Jun 18 21:58:28 GMT 2002 MKIV Start Patrol Tue Jun 18 22:04:14 GMT 2002 CHIP End Patrol Tue Jun 18 22:04:31 GMT 2002 PICS End Patrol Tue Jun 18 22:10:34 GMT 2002 MKIV End Patrol Tue Jun 18 22:14:16 GMT 2002 MkIV

21 27.rawmk4 21 36.rawmk4 21 54.rawmk4 22 04.rawmk4 c21 45.rawmk4 21 30.rawmk4 21\_42.rawmk4 22 07.rawmk4 c21 51.rawmk4 21 58.rawmk4