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Mauna Loa Solar Observatory Observer's Log  
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Sun Jan 11 17:16:11 GMT 1998

Year: 98 Doy: 011

Observer: koon

WEATHER COMMENT: Sun Jan 11 17:17:01 GMT 1998

Thin cirrostratus, wind=10 mph from the SW, temp=40 F.

Sun Jan 11 17:37:32 GMT 1998 CHIP Startup--Initializing new tape

Sun Jan 11 17:39:27 GMT 1998 CHIP CHIP Start Patrol

PSPT COMMENT: Sun Jan 11 17:40:15 GMT 1998

Will wait for clouds to clear before starting.

MKIII COMMENT: Sun Jan 11 17:40:34 GMT 1998

Will wait for clouds to clear before starting.

Sun Jan 11 17:41:02 GMT 1998 PICS Start Patrol

PICS COMMENT: Sun Jan 11 17:42:26 GMT 1998

Stalled with Program: init, did Kill/Run to fix.

Sun Jan 11 17:43:20 GMT 1998 PICS Start Patrol

Sun Jan 11 18:00:14 GMT 1998 PICS Flat

Sun Jan 11 18:01:04 GMT 1998 CHIP Bias

Sun Jan 11 18:01:46 GMT 1998 PICS End Flat

Sun Jan 11 18:02:03 GMT 1998 CHIP End Bias

Sun Jan 11 18:02:10 GMT 1998 CHIP Water

Sun Jan 11 18:02:52 GMT 1998 CHIP End Water

Sun Jan 11 19:00:19 GMT 1998 PICS Flat

Sun Jan 11 19:01:08 GMT 1998 CHIP Bias

Sun Jan 11 19:01:42 GMT 1998 PICS End Flat

Sun Jan 11 19:02:20 GMT 1998 CHIP End Bias

Sun Jan 11 19:02:27 GMT 1998 CHIP Water

Sun Jan 11 19:03:09 GMT 1998 CHIP End Water

Sun Jan 11 20:00:21 GMT 1998 PICS Flat

Sun Jan 11 20:01:14 GMT 1998 CHIP Gain

Sun Jan 11 20:01:49 GMT 1998 PICS End Flat

Sun Jan 11 20:07:15 GMT 1998 CHIP End Gain

Sun Jan 11 20:07:22 GMT 1998 CHIP Bias

Sun Jan 11 20:08:14 GMT 1998 CHIP End Bias

Sun Jan 11 20:08:22 GMT 1998 CHIP Water

Sun Jan 11 20:09:01 GMT 1998 CHIP End Water

WEATHER COMMENT: Sun Jan 11 20:17:40 GMT 1998

Thin cirrostratus still present.

MKIII COMMENT: Sun Jan 11 20:17:56 GMT 1998

I try the dark shutter every 30 minutes at least and still haven't found it stuck yet.

Sun Jan 11 21:00:12 GMT 1998 PICS Flat

Sun Jan 11 21:01:02 GMT 1998 CHIP Bias

Sun Jan 11 21:01:45 GMT 1998 PICS End Flat

Sun Jan 11 21:01:58 GMT 1998 CHIP End Bias

Sun Jan 11 21:02:05 GMT 1998 CHIP Water

Sun Jan 11 21:02:49 GMT 1998 CHIP End Water

MKIII COMMENT: Sun Jan 11 21:03:52 GMT 1998

I couldn't get the dark shutter to stick so I took apart the drivetrain, it looked OK so I tightened the clutch about 1/4 revolution. This may cure problem, only time will tell since the problem is infrequent. Maybe the clutch is wearing down due to the new control system which may be driving the mechanism for too long after it stops, causing the clutch to slip a lot. I think we should cut back on the drive time to what is barely needed plus maybe two seconds, to extend the life of the clutch.

PICS COMMENT: Sun Jan 11 21:27:51 GMT 1998

Stalled with Program: K-corona, not sure how long since I was up in the dome for a while working on MK3, fixed with Kill/Run.

Sun Jan 11 21:43:35 GMT 1998 PICS Start Patrol

Sun Jan 11 22:00:11 GMT 1998 PICS Flat

Sun Jan 11 22:01:33 GMT 1998 PICS End Flat

Sun Jan 11 22:03:05 GMT 1998 CHIP Bias

Sun Jan 11 22:04:05 GMT 1998 CHIP End Bias

Sun Jan 11 22:04:13 GMT 1998 CHIP Water

Sun Jan 11 22:04:56 GMT 1998 CHIP End Water

Sun Jan 11 22:46:08 GMT 1998 PICS End Patrol  
Sun Jan 11 22:47:34 GMT 1998 CHIP CHIP End Patrol  
Sun Jan 11 22:48:01 GMT 1998 CHIP ending tape  
COMMENT: Sun Jan 11 22:48:44 GMT 1998

TAPES:  
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MKIII: No data due to clouds  
PICS: P01083  
CHIP: C00471  
LOWL: L00491 in drive #0

Sun Jan 11 22:51:04 GMT 1998  
MkIII