

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Sat Dec 9 17:17:10 GMT 2000  
Year: 00 Doy: 344  
Observer: koon  
Sat Dec 9 17:19:03 GMT 2000 CHIP Startup--Initializing new tape  
Sat Dec 9 17:25:09 GMT 2000 MKIV Start Patrol  
Sat Dec 9 17:25:21 GMT 2000 CHIP Start 7 Passband Patrol  
Sat Dec 9 17:25:26 GMT 2000 PICS Start Patrol  
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Dec 9 17:51:42 GMT 2000  
\*\*CHIP PROBLEM\*\*: Sat Dec 9 17:51:50 GMT 2000  
Starting CHIP plate temp= 12.555, filter=31.900, cooler is not working.  
Sat Dec 9 18:03:57 GMT 2000 PICS Flat  
Sat Dec 9 18:07:19 GMT 2000 PICS End Flat  
\*\*CHIP PROBLEM\*\*: Sat Dec 9 18:11:13 GMT 2000  
I placed a heating pad under the CHIP instrument in the area of the filter.  
This may help keep the filter temp in range.  
\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Dec 9 19:45:53 GMT 2000  
CME in progress at PA=270, since about 1915 UT.  
Sat Dec 9 20:02:10 GMT 2000 CHIP LSD  
\*\*CHIP PROBLEM\*\*: Sat Dec 9 20:03:01 GMT 2000  
Plate: 16.587, Filter: 33.556 (still out of range).  
\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Dec 9 20:04:00 GMT 2000  
That is really a beautiful, big CME.  
Sat Dec 9 20:04:53 GMT 2000 CHIP End LSD  
Sat Dec 9 20:05:07 GMT 2000 CHIP BiasLSD  
Sat Dec 9 20:05:53 GMT 2000 CHIP End BiasLSD  
Sat Dec 9 20:06:05 GMT 2000 CHIP Bias7  
Sat Dec 9 20:06:57 GMT 2000 CHIP End Bias7  
\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Dec 9 20:17:54 GMT 2000  
Another CME going off on other side of sun, at PA=90, fainter. Should be a  
very interesting movie.  
\*\*CHIP PROBLEM\*\*: Sat Dec 9 20:58:25 GMT 2000  
Plate: 18.72 (still low); Filter: 35.079 (high now). No image for a while  
because I had the shutter adjusted too low.  
Sat Dec 9 22:05:38 GMT 2000 PICS End Patrol  
Sat Dec 9 22:10:05 GMT 2000 CHIP End Patrol  
Sat Dec 9 22:11:17 GMT 2000 CHIP FrontEnd finished.  
\*\*CHIP PROBLEM\*\*: Sat Dec 9 22:13:30 GMT 2000  
Plate=21.269 (in range); Filter=34.329 (slightly low). Will leave heating  
pad on overnight, will also leave heater on up in dome.  
Sat Dec 9 22:15:06 GMT 2000  
MkIV

17\_25.rawmk4 18\_31.rawmk4 19\_27.rawmk4 20\_23.rawmk4 21\_20.rawmk4  
17\_28.rawmk4 18\_34.rawmk4 19\_30.rawmk4 20\_26.rawmk4 21\_23.rawmk4  
17\_31.rawmk4 18\_37.rawmk4 19\_33.rawmk4 20\_29.rawmk4 21\_26.rawmk4

17_34.rawmk4	18_40.rawmk4	19_36.rawmk4	20_32.rawmk4	21_29.rawmk4
17_37.rawmk4	18_43.rawmk4	19_39.rawmk4	20_35.rawmk4	21_32.rawmk4
17_40.rawmk4	18_46.rawmk4	19_42.rawmk4	20_38.rawmk4	21_35.rawmk4
17_43.rawmk4	18_49.rawmk4	19_45.rawmk4	20_41.rawmk4	21_38.rawmk4
17_46.rawmk4	18_52.rawmk4	19_48.rawmk4	20_44.rawmk4	21_41.rawmk4
17_49.rawmk4	18_55.rawmk4	19_51.rawmk4	20_47.rawmk4	21_43.rawmk4
17_52.rawmk4	18_58.rawmk4	19_54.rawmk4	20_50.rawmk4	21_46.rawmk4
17_58.rawmk4	19_01.rawmk4	19_57.rawmk4	20_53.rawmk4	21_49.rawmk4
18_04.rawmk4	19_03.rawmk4	20_00.rawmk4	20_56.rawmk4	21_52.rawmk4
18_10.rawmk4	19_06.rawmk4	20_03.rawmk4	20_59.rawmk4	21_55.rawmk4
18_13.rawmk4	19_09.rawmk4	20_06.rawmk4	21_02.rawmk4	21_58.rawmk4
18_16.rawmk4	19_12.rawmk4	20_09.rawmk4	21_05.rawmk4	22_01.rawmk4
18_19.rawmk4	19_15.rawmk4	20_12.rawmk4	21_08.rawmk4	c17_55.rawmk4
18_22.rawmk4	19_18.rawmk4	20_15.rawmk4	21_11.rawmk4	c18_01.rawmk4
18_25.rawmk4	19_21.rawmk4	20_18.rawmk4	21_14.rawmk4	c18_07.rawmk4
18_28.rawmk4	19_24.rawmk4	20_21.rawmk4	21_17.rawmk4	