
Mauna Loa Solar Observatory Observer's Log

Thu Dec 16 17:27:48 GMT 1999

Year: 99 Doy: 350

Observer: koon

WEATHER COMMENT: Thu Dec 16 17:27:54 GMT 1999

Clear sky, wind=10 mph from the SSE, temp=38 F.

ializing new tape

Thu Dec 16 17:33:36 GMT 1999 MKIV Start Patrol

Thu Dec 16 17:33:47 GMT 1999 CHIP CHIP Start Patrol

Thu Dec 16 17:33:47 GMT 1999 CHIP CHIP Start Patrol

Thu Dec 16 18:02:37 GMT 1999 PICS Flat

Thu Dec 16 18:05:14 GMT 1999 PICS End Flat

CHIP PROBLEM: Thu Dec 16 18:06:43 GMT 1999

Had a Program: Velocity type stall, used Cancel Wait to clear it.

Thu Dec 16 18:32:56 GMT 1999 CHIP Bias

Thu Dec 16 18:33:59 GMT 1999 CHIP End Bias

Thu Dec 16 18:34:14 GMT 1999 CHIP Water

Thu Dec 16 18:35:02 GMT 1999 CHIP End Water

Thu Dec 16 19:03:07 GMT 1999 CHIP Bias

Thu Dec 16 19:04:09 GMT 1999 CHIP End Bias

Thu Dec 16 19:04:23 GMT 1999 CHIP Water

Thu Dec 16 19:05:11 GMT 1999 CHIP End Water

Thu Dec 16 20:03:02 GMT 1999 CHIP Gain

CHIP PROBLEM: Thu Dec 16 20:15:03 GMT 1999

Stalled at the Program: -1000, -500 place again. Below are the last screen messages:

Start Gain

Flat mic move : 0 500

Flat mic move : -1000 0

Flat mic move : 0 -500

Flat mic move : 0 -500

Flat mic move : 1000 0

Flat mic move : 1000 0

Flat mic move : 0 500

Flat mic move : 0 500

Flat mic move : -1000 -500

sendmessage: msgsnd failed: Resource temporarily unavailable

Thu Dec 16 20:16:25 GMT 1999 CHIP End Gain

Thu Dec 16 20:16:41 GMT 1999 CHIP Bias

Thu Dec 16 20:17:51 GMT 1999 CHIP End Bias

Thu Dec 16 20:18:07 GMT 1999 CHIP Water

Thu Dec 16 20:18:52 GMT 1999 CHIP End Water

MKIV PROBLEM: Thu Dec 16 20:29:09 GMT 1999

The 2021 image of the animation looks rotated CCW about 90 degrees, and the 2006 image looks strange too.

**** EVENT COMMENT ****: Thu Dec 16 20:39:23 GMT 1999
CME in progress at PA=75 since about 2015, probably associated with
an EPL that has been growing there for about an hour.

Thu Dec 16 21:02:15 GMT 1999 CHIP Bias
Thu Dec 16 21:03:30 GMT 1999 CHIP End Bias
Thu Dec 16 21:03:55 GMT 1999 CHIP Water
Thu Dec 16 21:04:56 GMT 1999 CHIP End Water

CHIP PROBLEM : Thu Dec 16 22:06:16 GMT 1999
Stalled on Program: Velocity, fixed with Cancel Wait.

Thu Dec 16 22:08:01 GMT 1999 CHIP Bias
Thu Dec 16 22:09:29 GMT 1999 CHIP End Bias
Thu Dec 16 22:09:40 GMT 1999 CHIP Water
Thu Dec 16 22:10:32 GMT 1999 CHIP End Water

COMMENT: Thu Dec 16 22:41:12 GMT 1999
Spar lost guiding sometime while I was giving a tour to some students.
It looks like about 5 minutes ago, closing down.

Thu Dec 16 22:43:48 GMT 1999 CHIP CHIP End Patrol
Thu Dec 16 22:46:38 GMT 1999 CHIP ending tape

COMMENT: Thu Dec 16 22:59:09 GMT 1999

TAPES:

MKIV: 99350
CHIP: C00991
PICS: P01615
LOWL: L00652 in drive #0

Thu Dec 16 23:00:11 GMT 1999
MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 17_33.rawmk4 | 18_36.rawmk4 | 19_49.rawmk4 | 20_51.rawmk4 | 21_54.rawmk4 |
| 17_36.rawmk4 | 18_39.rawmk4 | 19_52.rawmk4 | 20_54.rawmk4 | 21_57.rawmk4 |
| 17_39.rawmk4 | 18_42.rawmk4 | 19_54.rawmk4 | 20_57.rawmk4 | 22_00.rawmk4 |
| 17_42.rawmk4 | 18_45.rawmk4 | 19_57.rawmk4 | 21_00.rawmk4 | 22_04.rawmk4 |
| 17_45.rawmk4 | 18_48.rawmk4 | 20_00.rawmk4 | 21_04.rawmk4 | 22_07.rawmk4 |
| 17_48.rawmk4 | 18_51.rawmk4 | 20_03.rawmk4 | 21_07.rawmk4 | 22_10.rawmk4 |
| 17_51.rawmk4 | 18_54.rawmk4 | 20_06.rawmk4 | 21_09.rawmk4 | 22_13.rawmk4 |
| 17_54.rawmk4 | 18_57.rawmk4 | 20_09.rawmk4 | 21_12.rawmk4 | 22_16.rawmk4 |
| 17_57.rawmk4 | 19_00.rawmk4 | 20_12.rawmk4 | 21_15.rawmk4 | 22_18.rawmk4 |
| 18_00.rawmk4 | 19_03.rawmk4 | 20_15.rawmk4 | 21_18.rawmk4 | 22_22.rawmk4 |
| 18_03.rawmk4 | 19_06.rawmk4 | 20_18.rawmk4 | 21_22.rawmk4 | 22_25.rawmk4 |
| 18_06.rawmk4 | 19_12.rawmk4 | 20_21.rawmk4 | 21_24.rawmk4 | 22_28.rawmk4 |
| 18_09.rawmk4 | 19_18.rawmk4 | 20_24.rawmk4 | 21_27.rawmk4 | 22_31.rawmk4 |
| 18_12.rawmk4 | 19_25.rawmk4 | 20_27.rawmk4 | 21_30.rawmk4 | 22_34.rawmk4 |
| 18_15.rawmk4 | 19_28.rawmk4 | 20_30.rawmk4 | 21_34.rawmk4 | 22_37.rawmk4 |
| 18_18.rawmk4 | 19_31.rawmk4 | 20_33.rawmk4 | 21_37.rawmk4 | 22_40.rawmk4 |
| 18_21.rawmk4 | 19_34.rawmk4 | 20_36.rawmk4 | 21_39.rawmk4 | 22_43.rawmk4 |
| 18_24.rawmk4 | 19_37.rawmk4 | 20_39.rawmk4 | 21_43.rawmk4 | c19_09.rawmk4 |

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|--------------|--------------|--------------|--------------|---------------|
| 18_27.rawmk4 | 19_40.rawmk4 | 20_42.rawmk4 | 21_46.rawmk4 | c19_15.rawmk4 |
| 18_30.rawmk4 | 19_43.rawmk4 | 20_45.rawmk4 | 21_48.rawmk4 | c19_22.rawmk4 |
| 18_33.rawmk4 | 19_46.rawmk4 | 20_48.rawmk4 | 21_51.rawmk4 | |