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--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
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          Wed Sep 15 17:11:43 GMT 1999
Year: 99  Doy: 258
Observer: koon
WEATHER COMMENT: Wed Sep 15 17:11:46 GMT 1999
Clear sky, wind=5 mph from the South, temp=46 F.
alizing new tape
Wed Sep 15 17:16:29 GMT 1999     PICS     Start Patrol
Wed Sep 15 17:16:29 GMT 1999     PICS     Start Patrol
COMMENT: Wed Sep 15 17:16:43 GMT 1999
Got delayed by a film crew doing a commercial for the new Dodge Viper,
$80,000+ and 186 mph, looks niiice.
**MKIV PROBLEM**: Wed Sep 15 17:54:56 GMT 1999
Scans show no corona, signal on o-scope looks good, can't find anything
wrong yet.
18:02:30 GMT 1999        PICS      Flat
Wed Sep 15 18:02:51 GMT 1999     CHIP     End Bias
Wed Sep 15 18:03:06 GMT 1999     CHIP     Water
Wed Sep 15 18:03:48 GMT 1999     CHIP     End Water
Wed Sep 15 18:05:06 GMT 1999     PICS     End Flat
**MKIV PROBLEM**: Wed Sep 15 18:08:17 GMT 1999
Did a "End Day", then cycled KCC power.  I couldn't find anything else
wrong, and software has recently been changed.
Wed Sep 15 18:14:54 GMT 1999     MKIV     Start Patrol
**MKIV PROBLEM**: Wed Sep 15 18:21:06 GMT 1999
Scans still look bad, David is workinbg on software and I am resetting
KCC and restarting Patrol to test it.
Wed Sep 15 18:40:14 GMT 1999     MKIV     Start Patrol
**MKIV PROBLEM**: Wed Sep 15 18:45:32 GMT 1999
I and Q still look bad.
1999     MKIV     Start Patrol
Wed Sep 15 19:00:34 GMT 1999     PICS      polarization_calibration
Wed Sep 15 19:01:56 GMT 1999     CHIP     Bias
Wed Sep 15 19:02:50 GMT 1999     CHIP     End Bias
Wed Sep 15 19:02:59 GMT 1999     CHIP     Water
Wed Sep 15 19:03:38 GMT 1999     CHIP     End Water
**MKIV PROBLEM**: Wed Sep 15 19:05:21 GMT 1999
Scans look good now, after the last change.
Wed Sep 15 19:28:19 GMT 1999     MKIV     End Patrol
**MKIV PROBLEM**: Wed Sep 15 19:30:08 GMT 1999
Resetting again in preparation for another set of test scans.
Wed Sep 15 19:33:16 GMT 1999     MKIV     Start Patrol
**MKIV PROBLEM**: Wed Sep 15 19:35:05 GMT 1999
OK, now it looks like we're getting "negative" corona, like David
suspected may happen.
Wed Sep 15 19:40:27 GMT 1999     MKIV     End Patrol
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Wed Sep 15 19:47:14 GMT 1999     MKIV     Start Patrol
**MKIV PROBLEM**: Wed Sep 15 19:49:27 GMT 1999
Scans look negative again after the last change.
Wed Sep 15 19:54:17 GMT 1999     MKIV     End Patrol
Wed Sep 15 19:59:10 GMT 1999     MKIV     Start Patrol
Wed Sep 15 20:00:48 GMT 1999     CHIP     Gain
**MKIV PROBLEM**: Wed Sep 15 20:01:02 GMT 1999
It looks like U data are more negative (darker) than the Q data with this
latest change.
Wed Sep 15 20:05:18 GMT 1999     CHIP     End Gain
Wed Sep 15 20:05:27 GMT 1999     CHIP     Bias
Wed Sep 15 20:06:16 GMT 1999     MKIV     End Patrol
Wed Sep 15 20:06:16 GMT 1999     CHIP     End Bias
Wed Sep 15 20:06:32 GMT 1999     CHIP     Water
Wed Sep 15 20:07:11 GMT 1999     CHIP     End Water
Wed Sep 15 20:13:58 GMT 1999     MKIV     Start Patrol
COMMENT: Wed Sep 15 20:14:02 GMT 1999
Extended the dome slot.
**MKIV PROBLEM**: Wed Sep 15 20:16:41 GMT 1999
After the last change I don't see much of anything on the Q but the U
signal looks strong and positive (light in color).
Wed Sep 15 20:21:06 GMT 1999     MKIV     End Patrol
Wed Sep 15 20:27:36 GMT 1999     MKIV     Start Patrol
**MKIV PROBLEM**: Wed Sep 15 20:29:36 GMT 1999
After the last change Q is positive and very faint, U is negative and of
medium strength.
Wed Sep 15 20:34:39 GMT 1999     MKIV     End Patrol
**MKIV PROBLEM**: Wed Sep 15 20:42:42 GMT 1999
OK, now setting code back to where it originally was, then will do cal
and continue Patrol while Davis analyzes data.
Wed Sep 15 20:45:11 GMT 1999     MKIV     Start Patrol
Wed Sep 15 20:52:33 GMT 1999     MKIV     Start Cal
Wed Sep 15 21:01:47 GMT 1999     CHIP     Bias
Wed Sep 15 21:02:39 GMT 1999     CHIP     End Bias
Wed Sep 15 21:02:49 GMT 1999     CHIP     Water
Wed Sep 15 21:03:34 GMT 1999     CHIP     End Water
Wed Sep 15 21:14:29 GMT 1999     MKIV     Start Patrol
Wed Sep 15 22:00:49 GMT 1999     CHIP     Bias
Wed Sep 15 22:01:48 GMT 1999     CHIP     End Bias
Wed Sep 15 22:01:58 GMT 1999     CHIP     Water
Wed Sep 15 22:02:37 GMT 1999     CHIP     End Water
Wed Sep 15 22:11:37 GMT 1999     CHIP     CHIP End Patrol
Wed Sep 15 22:11:37 GMT 1999     CHIP     CHIP End Patrol
Wed Sep 15 22:12:38 GMT 1999     CHIP     ending tape
Wed Sep 15 22:17:26 GMT 1999     MKIV     End Patrol
COMMENT: Wed Sep 15 22:51:16 GMT 1999


TAPES:
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MKIV: 99258
CHIP: C00922
PICS: P01547
LOWL: L00627 in drive #0

Wed Sep 15 22:52:22 GMT 1999
        MkIII

17_16.rawmk3    18_01.rawmk3    19_21.rawmk3    20_49.rawmk3    21_46.rawmk3
17_19.rawmk3    18_15.rawmk3    19_24.rawmk3    20_56.rawmk3    21_49.rawmk3
17_23.rawmk3    18_18.rawmk3    19_33.rawmk3    21_03.rawmk3    21_53.rawmk3
17_26.rawmk3    18_40.rawmk3    19_36.rawmk3    21_10.rawmk3    21_56.rawmk3
17_30.rawmk3    18_43.rawmk3    19_47.rawmk3    21_14.rawmk3    22_00.rawmk3
17_33.rawmk3    18_53.rawmk3    19_50.rawmk3    21_18.rawmk3    22_03.rawmk3
17_37.rawmk3    18_56.rawmk3    19_59.rawmk3    21_21.rawmk3    22_07.rawmk3
17_40.rawmk3    19_00.rawmk3    20_02.rawmk3    21_25.rawmk3    22_10.rawmk3
17_44.rawmk3    19_03.rawmk3    20_14.rawmk3    21_28.rawmk3    22_14.rawmk3
17_47.rawmk3    19_07.rawmk3    20_17.rawmk3    21_32.rawmk3    c20_52.rawmk3
17_51.rawmk3    19_10.rawmk3    20_27.rawmk3    21_35.rawmk3    c20_59.rawmk3
17_54.rawmk3    19_14.rawmk3    20_31.rawmk3    21_39.rawmk3    c21_07.rawmk3
17_58.rawmk3    19_17.rawmk3    20_45.rawmk3    21_42.rawmk3
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