Mauna Loa Solar Observatory Observer's Log ______ Tue Jan 29 17:38:04 GMT 2013 Year: 13 Doy: 029 Observer: mlso WEATHER COMMENT: Tue Jan 29 17:39:07 GMT 2013 overcast winds east 0-5 mph temp 38F end Tue Jan 29 19:34:36 GMT 2013 MKIV Start Patrol Tue Jan 29 19:42:01 GMT 2013 MKIV End Patrol WEATHER COMMENT: Tue Jan 29 19:41:33 GMT 2013 there was a clear hole but clouds came in and had to idle the instruments ___end_ Tue Jan 29 20:34:31 GMT 2013: PSPT Start Patrol Tue Jan 29 20:43:29 GMT 2013 CHIP Start Patrol WEATHER COMMENT: Tue Jan 29 20:46:57 GMT 2013 some clearing so I have started pspt and chip end Tue Jan 29 20:59:05 GMT 2013: PSPT Abort Patrol Tue Jan 29 21:00:57 GMT 2013 CHIP End Patrol WEATHER COMMENT: Wed Jan 30 01:32:21 GMT 2013 fog and rain instruments stopped end Wed Jan 30 01:33:23 GMT 2013 MkIV

19 34.rawmk4 19 38.rawmk4