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KMSC

HAUS BOU 300400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 826A ISSUED 0400Z 30 NOVEMBER 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 1 HOURS. ONE CLASS M1 FLARE WAS OBSERVED 29/2050Z WHICH WAS A SUB BRIGHT FLARE IN REGION N15E35. ALL THE REGIONS ON THE DISK ARE STABLE OR DECAYING. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 NOV/0400Z ENDING 03 DEC/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 29/1700Z AND 29/2000Z WERE 153 AND 151 RESPECTIVELY.

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KMSC

HAUS BOU 301700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 826B ISSUED 1700Z 30 NOVEMBER 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS

A. THE N18E23 REGION HAS DOMINATED SOLAR ACTIVITY WITH SMALL SUBFLARES. THERE IS SOME BIPOLAR FLUX EMERGING EAST OF THE LARGE H TYPE LEADER SPOT AND AN ACTIVE FILAMENT LOCATED SW OF THIS LEADER. ONE CLASS M2, SN FLARE OCCURRED AT 30/0841Z LOCATION S12E75. THIS REGION NOW LOCATED AT S12E63 APPEARS TO BE A STABLE BIPOLAR GROUP. AN IMPORTANCE 2 SPRAY AT SE15 OCCURRED AT 1558Z WHICH MIGHT BE ASSOCIATED WITH A RETURNING REGION. THE GEOMAGNETIC FIELD HAS BEEN ABNORMALLY QUIET.

B. MORE SUBFLARES EXPECTED FROM THE NE WITH AN INCREASING CHANCE OF OCCASIONAL CLASS M FLARES AS THIS REGION DEVELOPS. THE SE SECTOR OF THE SUN HAS SEVERAL REGIONS WHOSE INTER-ACTION MIGHT GIVE RISE TO SMALL FLARES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 NOV/1700Z ENDING 03 DEC/1700Z.

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 30/1400Z WAS 158. PREDICTED

10.7CM FLUX FOR 01-03 DEC IS 161/163/165.

E. MAGNETIC A-FREDERICKSBURG FOR 29 NOV WAS 02. FOR 30 NOV ABOUT 02. PREDICTED AP FOR 01-03 DEC IS 03/05/07.

SOLTERWARN

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