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HAUS BOU 020400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 798A ISSUED 0400Z 02 NOVEMBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS CONSISTED OF A FEW CLASS C FLARES. THE REGIONS ON THE DISK HAVE BEEN DECLINING AND FLARES HAVE BEEN OBSERVED FROM SEVERAL REGIONS. OCCASIONAL SMALL SURGES HAVE BEEN OBSERVED FROM S10 WL. A NEW A TYPE SPOT GROUP IS VISIBLE AT N23E57. ALL REGIONS ARE STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL, CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE EACH DAY. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 NOV/0400Z ENDING 05 NOV/0400Z

CLASS M OR GREATER 50/40/40

CLASS X 05/02/02

PROTON EVENTS 05/02/02

D. OTTAWA 10.7 CM FLUXES FOR 01/1700Z AND 01/2000Z WERE BOTH 166.

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO  
SDF NUMBER 798B ISSUED 1700Z 02 NOVEMBER 1970

BORDERLINE CLASS M FLARES EXPECTED IN THE NEXT 11 HOURS.

A. ONE CLASS M1 EVENT OCCURRED AT 02/0421Z. THIS FLARE  
WAS OPTICALLY A SB LOCATION N18W42. THE S11W00 REGION CONTINUES  
ITS SLOW DEVELOPMENT BUT BASICALLY IS OF SIMPLE MAGNETIC  
STRUCTURE. TWO NEW SMALL REGIONS ARE LOCATED AT S10E66  
AND S13E73--THESE REGIONS HAVE PRODUCED OCCASIONAL SUBFLARES.  
THE NW COMPLEX OF REGIONS HAS DECLINED FURTHER IN MAGNETIC,  
H-ALPHA AND WHITE LIGHT STRUCTURE.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE WITH  
OCCASIONAL SMALL CLASS M FLARES. AT THE END OF THE THREE  
DAY FORECAST PERIOD ACTIVITY SHOULD EXPERIENCE A DROP DUE TO  
THE LIMB PASSAGE OF THE NW REGIONS. QUIET GEOMAGNETIC  
CONDITIONS EXPECTED TO CONTINUE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 02 NOV/1700Z ENDING 05 NOV/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7CM FLUX FOR 02/1400Z WAS 162.

PREDICTED 10.7CM FLUX FOR 03-05 NOV IS 160/150/140.

E. MAGNETIC A-FREDERICKSBURG FOR 01 NOV WAS 01. FOR 02 NOV  
ABOUT 03. PREDICTED AP FOR 03-05 NOV IS 04/04/04.

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