

NNNN0320

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KMSC

HAUS BOU 070400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 558A ISSUED 0400Z 07 MARCH 1970

CLASS C FLARES ARE EXPECTED AND CLASS M ARE PROBABLE DURING THE NEXT 13 HOURS.

A. CLASS C FLARES FROM THE VISIBLE DISK HAVE BEEN NUMEROUS THROUGHOUT THE LAST 11 HOURS. THE REGION WHICH MADE ITS WEST LIMB PASSAGE ON 04 MARCH SHOWED ACTIVITY 06/1847Z WITH IMPORTANCE 3 SPRAY. SINCE THAT TIME NO FURTHER ACTIVITY HAS BEEN OBSERVED ON WEST LIMB. SATELLITE DETECTORS SHOW PROTON COUNTS AT SAME LEVEL AS REPORTED IN SDF 557B. NO GROUND BASED DETECTORS HAVE SHOWN PROTONS AT THIS TIME. THE GEOMAGNETIC FIELD IS STILL DISTURBED.

B. CLASS C AND CLASS M FLARES ARE PROBABLE FROM REGIONS S14E50 AND N06W21. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 MAR/0400Z ENDING 10 MAR/0400Z

CLASS M OR GREATER 80/80/80

CLASS X 30/30/30

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX 06/1700Z AND 2000Z WERE 170 AND 171 RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 071705Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 558B ISSUED 1700Z 07 MARCH 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS

A. CLASS C FLARES HAVE BEEN NUMEROUS DURING THE PAST 13 HOURS. THREE CLASS M FLARES WERE OBSERVED-- A TWO NORMAL AT 0133Z FROM S10E08, A SUB FAINT AT 0629Z AND A ONE BRIGHT AT 1126Z FROM S14E29. IN ADDITION, A ONE NORMAL FLARE OCCURRED AT 1601Z FROM THE LATTER REGION-IT IS PROBABLE THAT THIS FLARE WAS AT LEAST A CLASS M WITH RESPECT TO X-RAY PRODUCTION. THE ATS-1 SATELLITE HAS BEEN SHUT OFF THROUGH MARCH 12, SO DATA FROM THIS SOURCE IS MISSING, ALTHOUGH GROUND BASED MEASUREMENTS INDICATE APPROXIMATELY ONE DECIBEL ABSORPTION AT 30 MHZ /DAYLIGHT/ AS REPORTED BY THULE. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED.

B. CLASS C AND CLASS M FLARES ARE PROBABLE FROM THE REGIONS AT S14E40 AND S10E01. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN DISTURBED FORM THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07/1700Z ENDING 10/1700Z.

CLASS M OR GREATER 90/80/80

CLASS X 40/30/30

PROTON EVENTS 10/08/08

D. OTTAWA 10.7 CM FLUX AT 1400Z 171. PREDICTED 175/178/180.

E. MAGNETIC A-FREDERICKSBURG FOR 06 MAR WAS 22. FOR 07 MAR ABOUT 26. PREDICTED AP FOR 08-10 MAR 20/20/14.

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