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HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 071 ISSUED 2200Z 11 MARCH 1971

A. NO ENERGETIC EVENT HAS OCCURRED DURING THE PAST 24 HOURS, WITH THE LARGEST BEING A CLASS C7. HOWEVER, 35 SUBFLARES HAVE OCCURRED DURING THE FIRST 18 HOURS OF THIS ZULU DAY. OF THESE SUBFLARES, 19 OCCURRED IN REGION 086 /S08W51/ AND 10 OCCURRED IN REGION 093 /N16E31/. BOTH THESE REGIONS ARE BETA GAMMA WITH ANOMALOUS POLARITIES ASSOCIATED WITH THE TRAILER OF REGION 086 AND THE LEADER OF REGION 093. NUMEROUS DARK SURGES HAVE OCCURRED WITH THESE FLARES. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. CLASS M EVENTS ARE POSSIBLE FROM REGIONS 086 AND 093 BUT NOT EXPECTED. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 MAR/0000Z ENDING 14 MAR/2400Z.

CLASS M OR GREATER 40/50/50

CLASS X 03/03/03

PROTON EVENT 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 11/1400Z, 1700Z AND 2000Z WERE 137, 137 AND 135. PREDICTED 10.7 CM FLUXES FOR 12-14 MAR ARE 132/133/136.

E. MAGNETIC A-FREDERICKSBURG FOR 10 MAR WAS 03. FOR 11 MAR ABOUT 07. PREDICTED AP FOR 12-14 MAR ARE 14/09/07.

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