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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 315 ISSUED 2200Z 11 NOV 1971

CLASS M FLARES ARE POSSIBLE

A. WEATHER HAS SEVERELY HAMPERED OPTICAL OBSERVATIONS, WITH NO FLARES BEING REPORTED DURING THE PAST 24 HOURS. REGION 337 /NO8E74/ IS CROSSING EAST LIMB, BUT POOR OBSERVATION CONDITIONS AND NEARNESS TO LIMB PRECLUDES AN ANALYSIS. ANOTHER REGION IS CROSSING EAST LIMB NEAR S08. A REGION HAS BEEN REPORTED AS EMERGING NEAR S14E34. AN IMP2, TYPE III, DEKAMETRIC BURST WAS REPORTED BY CULGOORA 11/0230Z COINCIDENT WITH A C1 XRAY EVENT. THE FREQUENCY AND STRENGTH OF SATELLITE XRAY EVENTS HAS DECREASED SINCE YESTERDAY. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. FURTHER OBSERVATIONS ARE REQUIRED TO DETERMINE FLARE POTENTIAL OF THE REGIONS CROSSING THE EAST LIMB. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR 24-36 HOURS AND THEN BECOME QUIET.

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

CLASS M OR GREATER 50/50/50

CLASS X 02/02/02

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1400Z 1700Z AND 2000Z WERE 106, 107 AND 105. PREDICTED 10.7 CM FLUXES FOR 12-14 NOV ARE 112/117/124.

E. MAGNETIC A-FREDERICKSBURG FOR 10 NOV WAS 04. FOR 11 NOV ABOUT 12. PREDICTED AP FOR 12-14 NOV ARE 10/07/04.

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