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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 65 ISSUED 2200Z 05 MARCH 1972

X EVENT OCCURS.

A. REGION 086/S07E25/ HAS BEEN THE SOLE CENTER OF SOLAR ACTIVITY THE PAST 24 HOURS. AT 0812Z THIS REGION PRODUCED AN X EVENT AND SINCE THEN 3 M EVENTS. THE X EVENT HAD A MAX X-RAY /1-8 A/ FLUX OF 3.8×10^{-1} AT 0817Z WITH A HALF POWER FLUX OF 1.8×10^{-1} AT 0819Z. ALL OTHER REGIONS ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.

B. ONE TO FOUR M EVENTS EXPECTED FROM 086 IN THE NEXT 24 HOURS. REGION 086 STILL RETAINS THE POTENTIAL FOR ANOTHER X EVENT. THE GEOMAGNETIC FIELD WILL REMAIN QUIET THE NEXT 24 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 MAR/0000Z ENDING 08 MAR/2400Z.

CLASS M OR GREATER 85/30/30

CLASS X 10/5/5

PROTON EVENT 10/5/5

D. OTTAWA 10.7 CM FLUXES FOR 05 MAR/1400Z 1700Z AND 2000Z WERE 144, 143 AND 142. PREDICTED 10.7 CM FLUXES FOR 06-08 MAR ARE 140/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 04 MAR WAS 03. FOR 05 MAR ABOUT 01. PREDICTED AP FOR 06-08 MAR ARE 04/06/03.

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