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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 070 ISSUED 2200Z 10 MARCH 1972

A. SOLAR ACTIVITY AT A MODERATELY LOW LEVEL WITH NO ENERGETIC EVENT DURING THE PAST 24 HOURS. REGION 086 /S07W40/ AND REGION 093 /N15E44/ HAVE F-TYPE SUNSPOT GROUPS WITH MILD MAGNETIC COMPLEXITY BUT ONLY SUBFLARES HAVE OCCURRED. A POSSIBLE NEW BIPOLE IS EMERGING SOUTHWEST OF REGION 092 /N17E31/. THE MAGNETIC FIELD HAS BEEN QUIET.

B. CLASS M EVENTS ARE POSSIBLE BUT NOT EXPECTED. A SECTOR BOUNDARY IS EXPECTED WITHIN THE NEXT 06-18 HOURS. THE GEOMAGNETIC FIELD WILL THEN BECOME ACTIVE TO STRONGLY UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 MAR/0000Z ENDING 13 MAR/2400Z.

CLASS M OR GREATER 40/40/50

CLASS X 05/05/05

PROTON EVENT 05/05/05

D. OTTAWA 10.7CM FLUXES FOR 10/1400Z, 1700Z AND 2000Z WERE 135, 136 AND 134. PREDICTED 10.7CM FLUXES FOR 11-13 MAR ARE 133/129/130.

E. MAGNETIC A-FREDERICKSBURG FOR 09 MAR WAS 10. FOR 10 MAR ABOUT 03. PREDICTED AP FOR 11-13 MAR ARE 16/13/09.

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