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HXUS BOU 042200

FM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 338 ISSUED 2200Z 04 DEC 1971

SPORADIC SMALL FLARES ARE EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED LOW, AND ONLY CLASS C EVENTS HAVE BEEN REPORTED. REGION 364 (S04E27) IS THE ONLY SIGNIFICANT DISK FEATURE. THIS REGION CONTAINS A DEVELOPING D-TYPE SPOT GROUP AND INTENSE PLAGE EXHIBITING ARCH FILAMENTS. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY PROBABLY WILL REMAIN LOW, ALTHOUGH CONTINUED DEVELOPMENT IN REGION 364 COULD RESULT IN THE PRODUCTION OF SMALL CLASS M FLARES. THE GEOMAGNETIC FIELD PROBABLY WILL BECOME UNSETTLED DURING THE NEXT 12 HOURS, WITH MINOR DISTURBANCE CONTINUING FOR 24-36 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 DEC/0000Z ENDING 06 DEC/2400Z.

CLASS M OR GREATER 35/45/45

CLASS X 02/04/05

PROTON EVENT 02/02/03

D. OTTAWA 10.7CM FLUXES FOR 04/1400Z 1700Z AND 2000Z WERE 110, 109 AND 107. PREDICTED 10.7CM FLUXES FOR 05-07 DEC ARE 108/107/108.

E. MAGNETIC A-FREDERICKSBURG FOR 03 DEC WAS 03. FOR 04 DEC ABOUT 06. PREDICTED AP FOR 05-07 DEC ARE 14/09/06.

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