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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 344 ISSUED 2200Z 10 DEC 1971

ONLY MINOR ACTIVITY IS EXPECTED.

A. SOLAR ACTIVITY HAS INCREASED DURING THE PAST 24 HOURS.

A CLASS M1 ONE-NORMAL FLARE OCCURRED AT 10/0129Z IN REGION 371 /N09E25/. THIS REGION NOW CONTAINS A D-TYPE SPOT GROUP AND BRIGHT PLAGE. THE NEUTRAL LINE RUNS EAST-WEST JUST SOUTHWEST OF THE DEVELOPING TRAILER SPOT. A NEW D-TYPE SPOT GROUP ACCOMPANIED BY MODERATELY BRIGHT PLAGE HAS CROSSED THE EAST LIMB AND IS NOW LOCATED AT N18E74 /REGION 376/. A MODERATE-SIZED H-TYPE SPOT ACCOMPANIED BY UNIMPRESSIVE PLAGE ALSO HAS CROSSED THE LIMB AND IS LOCATED AT S15E85 /REGION 378/. OTHER CENTERS ARE RELATIVELY SIMPLE AND UNIMPRESSIVE. RELATIVELY QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY PROBABLY WILL INCREASE GRADUALLY AS REGIONS 371 AND 378 DEVELOP DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET.

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

CLASS M OR GREATER 50/55/60

CLASS X 05/05/05

PROTON EVENT 02/02/04

D. OTTAWA 10.7CM FLUX FOR 10/1400Z 1700Z AND 2000Z WERE 130, 128 AND 124. PREDICTED 10.7CM FLUXES FOR 11-13 DEC ARE 127/128/126.

E. MAGNETIC A-FREDERICKSBURG FOR 09 DEC WAS 07. FOR 10 DEC ABOUT 02. PREDICTED AP FOR 11-13 DEC ARE 04/04/04.

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