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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 347 ISSUED 2200Z 13 DEC 1971

ONLY MINOR ACTIVITY IS EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 24 HOURS, AND ONLY A FEW CLASS C SUBFLARES HAVE BEEN REPORTED. REGION 371 /N09W13/ IS STILL THE MOST IMPRESSIVE DISK FEATURE, BUT THE DELTA CONFIGURATION IN THE CENTRAL PART OF THE SPOT GROUP HAS DECREASED IN PENUMBRA AREA. A RELATIVELY NON-ENERGETIC IMPORTANCE ONE-NORMAL FLARE ACCOMPANIED BY A DARK SURGE OCCURRED AT 13/2110Z. PLAGE BRIGHTENINGS HAVE BEEN OBSERVED IN REGION 376 /N17E35/. A SMALL NEW REGION /NUMBER 381/ HAS APPEARED AT S09E07, NEAR THE SOUTHERN END OF A LONG ACTIVE FILAMENT LOCATED NORTH OF THE REGION. OTHER CENTERS ARE RELATIVELY UNIMPRESSIVE. QUIET TO UNSETTLED GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

B. UNLESS UNEXPECTED DEVELOPMENT OCCURS, SOLAR ACTIVITY PROBABLY WILL REMAIN LOW DURING THE NEXT THREE DAYS. REGION 371 IS EXPECTED TO DECAY SLOWLY, BUT ONE OR TWO CLASS M FLARES STILL MAY OCCUR THERE DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET WITH OCCASIONAL SHORT PERIODS OF UNSETTLED CONDITIONS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 DEC/0000Z ENDING 16 DEC/2400Z.

CLASS M OR GREATER 50/40/40

CLASS X 05/05/02

PROTON EVENT 05/05/02

D. OTTAWA 10.7 CM FLUXES FOR 13/1400Z, 1700Z AND 2000Z WERE 122, 128 AND 122. PREDICTED 10.7 CM FLUXES FOR 14-16 DEC ARE 123/120/118.

E. MAGNETIC A-FREDERICKSBURG FOR 12 DEC WAS 07. FOR 13 DEC ABOUT 08. PREDICTED AP FOR 14-16 DEC ARE 04/06/06.

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