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HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309 ISSUED 2200Z 05 NOV 1971

ONLY MINOR ACTIVITY IS EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 24 HOURS, AND NO ENERGETIC EVENTS HAVE BEEN REPORTED. REGIONS 327 /N12E24/ AND 320 /S11W69/ BOTH CONTAIN BRIGHT PLAGE AND ARCH FILAMENTS. RECENT LIMB ACTIVITY NEAR SE15 SUGGESTS THAT A NEW REGION SOON WILL CROSS THE LIMB THERE. OTHER REGIONS ARE RELATIVELY UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY WILL CONTINUE AT A RELATIVELY LOW LEVEL, WITH PERHAPS ONE SMALL CLASS M FLARE DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD WILL BE UNSETTLED DURING THE NEXT 72 HOURS.

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

CLASS M OR GREATER 40/45/45

CLASS X 02/02/02

PROTON EVENT 04/05/05

D. OTTAWA 10.7CM FLUXES FOR 04/1400Z 1700Z AND 2000Z WERE 117, 118 AND 119. PREDICTED 10.7CM FLUXES FOR 06-08 NOV ARE 116/115/115.

E. MAGNETIC A-FREDERICKSBURG FOR 04 NOV WAS 06. FOR 05 NOV ABOUT 05. PREDICTED AP FOR 06-08 NOV ARE 14/10/03.

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