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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 300 ISSUED 2200Z 27 OCTOBER 1971

ONLY SPORADIC CLASS C FLARES EXPECTED.

A. SOLAR ACTIVITY IS AT A LOW LEVEL WITH ONLY NON-ENERGETIC SUBFLARES REPORTED. REGION 306 /N08W80/ HAS PRODUCED ISOLATED SUBFLARES AND SURGES AS IT APPROACHES WEST LIMB. NO FILAMENTS ARE ASSOCIATED WITH THIS REGION AS IT APPEARS TO CONTINUE SIMPLIFICATION. OTHER DISK REGIONS APPEAR STABLE AT THIS TIME. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED WITHIN SIX HOURS AND REMAIN SO FOR THE NEXT THREE DAYS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 OCT/0000Z ENDING 30 OCT/2400Z.

CLASS M OR GREATER 25/25/20

CLASS X 02/02/01

PROTON EVENT 05/03/01

D. OTTAWA 10.7 CM FLUXES FOR 27/1400Z, 1700Z AND 2000Z WERE 121, 117 AND 118. PREDICTED 10.7 CM FLUXES FOR 28-30 OCT ARE 116/113/110.

E. MAGNETIC A-FREDERICKSBURG FOR 26 OCT WAS 02. FOR 27 OCT ABOUT 03. PREDICTED AP FOR 28-30 OCT ARE 09/09/09.

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