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KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 285:ISSUED 2200Z 12 OCT 1971

ONLY SPORADIC CLASS C FLARES ARE ANTICIPATED DURING THE NEXT 24 HOURS.

A. AN EXTREMELY LOW LEVEL OF FLARE ACTIVITY HAS PREVAILED TODAY. FOUR REGIONS OF AREAS EQUAL TO OR LESS THAN 20 MILLIONTHS MAKE UP THE VISIBLE DISK FEATURES. ONLY REGION 296 /N11W54/ HAS A BRIGHT PLAGE - ONE THAT IS NOT FRAGMENTED INTO A NUMBER OF DULL SEGMENTS. ALONG THE LIMB ALMOST CONTINUOUS SURGING HAS BEEN EVIDENT NEAR SW10 WHERE REGION 289 ROTATED FROM VIEW ON THE 10TH. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ACTIVITY ACROSS THE DISK SHOULD REMAIN NEAR THE CURRENT LEVEL DURING THE NEXT THREE DAYS. ABOUT 15/0000Z SHOULD MARK THE ONSET OF A MAGNETIC DISTURBANCE. LOCAL K-VALUES ARE NOT EXPECTED TO EXCEED K EQUAL 5.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 OCT/0000Z ENDING 15 OCT/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 12/1400Z, 12/1700Z AND 12/2000Z WERE 96, 95 AND 94 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 13-15 OCT IS 93/90/90.

E. MAGNETIC A-FREDERICKSBURG FOR 11 OCT WAS 07. FOR 12 OCT ABOUT 04 PREDICTED AP FOR 13-15 OCT, 11/12/24.

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