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HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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EXTREMELY INFREQUENT, LOW LEVEL CLASS C FLARES ARE ALL THAT IS EXPECTED DURING THE NEXT 24 HOURS.

A. LESS THAN FIVE CLASS C SUBFLARES HAVE BEEN OBSERVED TODAY WITHIN THE SIX SMALL SPOT GROUPS CURRENTLY VISIBLE. NEW BUT DEFINITELY SMALL FEATURES HAVE ARISEN NEAR N09E05, S05W00, AND S13E12. THE ONLY SPOT GROUP TO EXHIBIT DEVELOPMENT OF ANY KIND SINCE YESTERDAY HAS BEEN REGION 299 /N12E43/. ITS AREA, HOWEVER, IS STILL LESS THAN 50 MILLIONTHS OF THE DISK. AT THE WEST LIMB POSITIONS OF N11 AND S10 ACTIVE PROMINENCES UP TO IMPORTANCE 3 HAVE BEEN RECORDED ALONG WITH NUMEROUS SURGES. QUIET CONDITIONS PREVAIL GEOMAGNETICALLY.

B. FLARE FREQUENCY AND ENERGETICS ARE EXPECTED TO REMAIN UNCHANGED OVER THE NEXT THREE DAYS. THE FREDERICKSBURG A-INDEX SHOULD BE GREATER THAN 10 ON THE 13TH AND 14TH WHILE ON THE 15TH ABOUT 24.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 OCT/0000Z ENDING 14 OCT/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 02/01/01

PROTON EVENTS 02/01/01

D. OTTAWA 10.7 CM FLUXES FOR 11/1400Z, 11/1700Z AND 11/2000Z WERE 97, 96 AND 94 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 12-14 OCT IS 92/88/89.

E. MAGNETIC A-FREDERICKSBURG FOR 10 OCT WAS 08. FOR 11 OCT ABOUT 05. PREDICTED AP FOR 12-14 OCT, 07/11/12.

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