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KBOU HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 313 ISSUED 2200Z 09 NOV 1971

ONLY MINOR FLARES EXPECTED.

A. JUST A FEW NON-ENERGETIC FLARES HAVE OCCURRED THE PAST 24 HOURS. REGION 322 (S08W43) CONTINUES TO HAVE PERIPHERAL SUNSPOTS EMERGE AND DISAPPEAR WITH NO ESTABLISHED PATTERN. REGION 323 (S18W40) SHOWS NO GROWTH PATTERN. A FILAMENT IS ASSOCIATED WITH BOTH THESE REGIONS BUT CURRENTLY APPEARS INACTIVE. THE OTHER DISK REGIONS ARE SMALL AND EXHIBIT NO GROWTH TENDENCIES. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ACTIVATION OF THE FILAMENT IN REGION 322 COULD BE THE STIMULUS FOR AN ENERGETIC FLARE. OTHERWISE ACTIVITY WILL REMAIN AT A LOW LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED DURING LOCAL NIGHTTIME DURING THE NEXT 36 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 NOV/0000Z ENDING 12 NOV/2400Z.

CLASS M OR GREATER 30/20/20

CLASS X 02/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 09/1400Z 1700Z AND 2000Z WERE 100, 104 AND 106. PREDICTED 10.7 CM FLUXES FOR 10-12 NOV ARE 96/92/92.

E. MAGNETIC A-FREDERICKSBURG FOR 8 NOV WAS 07. FOR 09 NOV ABOUT 03. PREDICTED AP FOR 10-12 NOV ARE 06/05/03.

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