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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 312 ISSUED 2200Z 08 NOV 1971

ONLY MINOR FLARES ARE EXPECTED.

A. ONLY A FEW CLASS C SUBFLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS. REGION 322 /S08W30/ STILL IS THE MOST IMPRESSIVE DISK FEATURE, CONTAINING FLUCTUATING PLAGE WEST OF THE MAIN H-TYPE SPOT. A NEW SPOT GROUP, DESIGNATED REGION 334, HAS APPEARED AT S11W29 NEAR REGION 322. SMALL NEW SPOT GROUPS ALSO HAVE APPEARED AT S06E05 /REGION 332/ AND S03E36 /REGION 333/. DEVELOPMENT HAS CEASED IN REGION 331 /N11E05/. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE NEXT 72 HOURS, AND NO ENERGETIC FLARES ARE LIKELY. THE GEOMAGNETIC FIELD PROBABLY WILL BECOME UNSETTLED ABOUT 10 NOV BECAUSE OF A SECTOR-BOUNDARY IN THE INTERPLANETARY MEDIUM.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 NOV/0000Z ENDING 11 NOV/2400Z.

CLASS M OR GREATER 20/20/25

CLASS X 01/02/02

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 08/1400Z, 1700Z AND 2000Z WERE 106, 103 AND 103. PREDICTED 10.7 CM FLUXES FOR 09-11 NOV ARE 105/104/105.

E. MAGNETIC A-FREDERICKSBURG FOR 07 NOV WAS 07. FOR 08 NOV ABOUT 06. PREDICTED AP FOR 09-11 NOV ARE 07/11/07.

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