

HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 311 ISSUED 2200Z 07 NOV 1971

ONLY MINOR ACTIVITY IS LIKELY.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. THE SPOTS IN REGIONS 328 (S06W16) AND 330 (S07W12) ARE NO LONGER VISIBLE, AND GENERAL DECAY HAS OCCURRED IN NEARBY REGION 322 (S08W18). A NEW B-TYPE REGION (331) HAS DEVELOPED AT N10E20, AND THE PLAGE THERE IS SMALL BUT BRIGHT. GROWTH IN REGION 331 IS STILL IN PROGRESS. OTHER CENTERS ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. THE PRESENT LOW LEVEL OF SOLAR ACTIVITY PROBABLY WILL PERSIST FOR THE NEXT THREE DAYS. QUIET GEOMAGNETIC CONDITIONS ALSO ARE EXPECTED TO CONTINUE.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 NOV/0000Z ENDING 10 NOV/2400Z.

CLASS M OR GREATER 25/25/30

CLASS X 01/01/02

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 07/1400Z, 1700Z AND 2000Z WERE 107, 106 AND 106. PREDICTED 10.7 CM FLUXES FOR 08-10 NOV ARE 105/105/104.

E. MAGNETIC A-FREDERICKSBURG FOR 06 NOV WAS 02. FOR 07 NOV ABOUT 07. PREDICTED AP FOR 08-10 NOV ARE 05/07/07.

SOLTERWARN

BT