

NNNN

KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316 ISSUED 2200Z 12 NOVEMBER 1971

ONLY MINOR FLARES ARE EXPECTED

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 24 HOURS, AND ONLY A FEW CLASS C EVENTS HAVE BEEN REPORTED. REGION 337 /N07E60/ IS THE MOST IMPRESSIVE DISK FEATURE, CONTAINING SEVERAL PATCHES OF BRIGHT PLAGE ALONG A FLUCTUATING NEUTRAL-LINE FILAMENT. REGION 322 /S08W84/ IS PRODUCING SMALL SURGES AS IT BEGINS PASSAGE OVER THE WEST LIMB. SMALL SURGES ALSO HAVE BEEN OBSERVED NEAR SE13, WHERE A NEW REGION IS CROSSING THE LIMB. THE GEOMAGNETIC FIELD WAS UNSETTLED UNTIL ABOUT 12/0800Z, AFTER WHICH RELATIVELY QUIET CONDITIONS WERE OBSERVED.

B. SOLAR ACTIVITY PROBABLY WILL CONTINUE NEAR ITS PRESENT LOW LEVEL, WITH ONE OR TWO SMALL CLASS M FLARES BEING PRODUCED IN REGION 337 DURING THE 72-HOUR FORECAST PERIOD. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 NOV/0000Z ENDING 15 NOV/2400Z.

CLASS M OR GREATER 45/45/45

CLASS X 02/02/02

PROTON EVENT 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 12/1400Z 1700Z AND 2000Z WERE 108, 105 AND 105. PREDICTED 10.7CM FLUXES FOR 13-15 NOV ARE 113/117/119.

E. MAGNETIC A-FREDERICKSBURG FOR 11 NOV WAS 16. FOR 12 NOV ABOUT 08. PREDICTED AP FOR 13-15 NOV ARE 07/04/04.

SOLTERWARN

SPAN

BT