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HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 322 ISSUED 2200Z 18 NOV 1971

ONLY CLASS C FLARES ARE EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 24 HOURS, AND ONLY A FEW CLASS C SUBFLARES HAVE BEEN REPORTED. REGION 342 /S13E07/ RETAINS ITS U-SHAPED NEUTRAL LINE AROUND THE MAIN SPOT. SMALL SPOTS SURROUND REGION 342 AND ARE DESIGNATED REGION 349 /S16E09/ AND 348 /S12E02/. SLIGHT GENERAL DECAY HAS OCCURRED RECENTLY IN THIS COMPLEX. SOME DEVELOPMENT HAS OCCURRED IN REGION 343 /S10W63/, BUT A TRULY DYNAMIC CONFIGURATION IS NOT PRESENT SO FAR. OTHER CENTERS ARE UNIMPRESSIVE. A TYPE I DEKAMETRIC NOISE STORM THAT BEGAN AT ABOUT 17/1800Z HAS CONTINUED. THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE INTERVAL 18/0000-0600Z BUT HAS REMAINED QUIET SINCE 18/0600Z.

B. SOLAR ACTIVITY PROBABLY WILL CONTINUE AT A LOW LEVEL. REGION 342 IS EXPECTED TO PRODUCE ONE OR TWO SMALL CLASS M EVENTS DURING THE NEXT SEVEN DAYS. THE GEOMAGNETIC FIELD PROBABLY WILL BE UNSETTLED FOR THE NEXT 12 HOURS, AFTER WHICH QUIET CONDITIONS ARE ANTICIPATED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 NOV/0000Z ENDING 21 NOV/2400Z.

CLASS M OR GREATER 35/35/30

CLASS X 02/02/02

PROTON EVENT 02/04/04

D. OTTAWA 10.7 CM FLUXES FOR 18/1400Z, 1700Z AND 2000Z WERE 108, 107 AND 104. PREDICTED 10.7 CM FLUXES FOR 19-21 NOV ARE 107/105/109.

E. MAGNETIC A-FREDERICKSBURG FOR 17 NOV WAS 01. FOR 18 NOV ABOUT 07. PREDICTED AP FOR 19-21 NOV ARE 09/06/07.

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