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HXUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318 ISSUED 2200Z 14 NOV 1971

ONLY MINOR FLARES ARE EXPECTED.

A. THE FREQUENCY OF CLASS C SUBFLARES HAS INCREASED SIGNIFICANTLY DURING THE PAST 24 HOURS, AND REGION 342 (S13E60) HAS PRODUCED VIRTUALLY ALL OF THE ACTIVITY. REGION 342 CONTAINS MODERATELY INTENSE TRAILING PLAGE AND AN H-TYPE SPOT WITH AN AREA OF 300 MILLIONTHS OF THE DISK. DECAY HAS CONTINUED IN REGION 337 (N07E33), AND SPOTS ARE NO LONGER VISIBLY THERE.

OTHER REGIONS ARE UNIMPRESSIVE. VERY QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A GENERALLY LOW LEVEL. REGION 342 MAY PRODUCE ONE SMALL CLASS-M EVENT DURING THE FORECAST PERIOD. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET FOR THE NEXT 72 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 NOV/0000Z ENDING 17 NOV/2400Z.

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z 1700Z AND 2000Z WERE 105, 105 AND 103. PREDICTED 10.7 CM FLUXES FOR 15-17 NOV ARE 108/109/107.

E. MAGNETIC A-FREDERICKSBURG FOR 13 NOV WAS 03. FOR 14 NOV ABOUT 01. PREDICTED AP FOR 15-17 NOV ARE 04/05/05.

SOLTERWARN

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