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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 341 ISSUED 2200Z 07 DEC 1971

MINOR FLARES EXPECTED.

A. SOLAR ACTIVITY HAS BEEN LOW. OBSERVATIONS HAVE BEEN SPARSE DUE TO INCLEMENT WEATHER. THE ONLY SIGNIFICANT CHANGE ON THE SUN IS THE INCREASING ACTIVITY AT OR NEAR EAST LIMB WHERE OSO-7 EUV DATA INDICATE THREE ENHANCED REGIONS EXIST AND FREQUENT SMALL LIMB SURGES HAVE BEEN REPORTED IN H-ALPHA. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. A LOW LEVEL OF ACTIVITY IS EXPECTED. REGION 364 /S05W14/, DESPITE ITS MODERATE SIZE AND CONTINUED GROWTH, IS IN AN UNFAVORABLE LOCATION TO DEVELOP INTO A SOURCE OF MAJOR FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED DURING LOCAL NIGHTTIMES FOR THE NEXT 24-36 HOURS.

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

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENT 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 07/1400Z, 1700Z AND 2000Z WERE 116, 117 AND 116. PREDICTED 10.7 CM FLUXES FOR 08-10 DEC ARE 116/117/118.

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

SOLTERWARN

SPAN

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