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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 342 ISSUED 2200Z 08 DEC 1971

A. SOLAR ACTIVITY HAS BEEN LOW. THREE REGIONS IN THE EASTERN HEMISPHERE- 370 /S03E42/, 371 /N08E51/ AND A CHROMOSPHERIC REGION AT N10E53- ARE ENHANCED AT EUV WAVELENGTHS BUT APPEAR AS SMALL COMPACT DEVELOPING REGIONS IN H-ALPHA AND WHITE LIGHT. NOMINAL BIPOLAR REGIONS ARE EMERGING AT N05E07 /REGION 372/ AND N22W27 /REGION 373/. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. LOW LEVELS OF ACTIVITY ARE EXPECTED. WITH THE POSSIBLE EXCEPTION OF THE EUV ENHANCED REGIONS, NO CURRENT DISK CENTER IS EXPECTED TO PRODUCE MAJOR FLARES DURING THE NEXT SEVERAL DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED DURING LOCAL NIGHT TIMES DURING THE NEXT 24-36 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 DEC/0000Z ENDING 11 DEC/2400Z.

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENT 02/02/02

D. OTTAWA 10.7CM FLUXES FOR 08/1400Z 1700Z AND 2000Z WERE 120, 118 AND 117. PREDICTED 10.7CM FLUXES FOR 09-11 DEC ARE 120/119/118.

E. MAGNETIC A-FREDERICKSBURG FOR 07 DEC WAS 01. FOR 09 DEC ABOUT 02. PREDICTED AP FOR 09-11 DEC ARE 03/06/04.

SOLTERWARN

SPAN

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