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HFUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 337 ISSUED 2200Z 03 DECEMBER 1971

CLASS M FLARES ARE POSSIBLE.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 24 HOURS. THE MOST ENERGETIC EVENT REPORTED CONSISTED OF A CLASS C8 SUB-BRILLIANT FLARE PRODUCED BY REGION 354 /S12W88/ AT 02/2220Z. DEVELOPMENT OF PLAGE AND SPOTS HAS OCCURRED IN REGION 355, NOW APPROACHING THE WEST LIMB, AT N13W87.

ABSORPTION FEATURES AND BRIGHTENINGS HAVE BEEN OBSERVED IN GROWING REGIONS 362 /S12W33/ AND 364 /S05E40/, BUT NO MAGNETIC COMPLEXITY IS APPARENT IN EITHER REGION SO FAR. AN UNIMPRESSIVE NEW REGION /365/ IS LOCATED AT S15E69. THE GEOMAGNETIC FIELD HAS REMAINED QUIET TO UNSETLED DURING THE PAST 24 HOURS.

B. CLASS M FLARE STILL MAY OCCUR IN REGION 354 AND 355. UNSETLED GEOMAGNETIC CONDITIONS ARE LIKELY FOR THE NEXT 48 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 DEC/0000Z ENDING 06 DEC/2400Z.

CLASS M OR GREATER 45/40/30

CLASS X 05/03/02

PROTON EVENT 08/05/02

D. OTTAWA 10.7CM FLUXES FOR 03/1400Z 1700Z AND 2000Z WERE 120, 113 AND 113. PREDICTED 10.7CM FLUXES FOR 04-06 DEC ARE 115/112/110.

E. MAGNETIC A-FREDERICKSBURG FOR 02 DEC WAS 04 FOR 03 DEC ABOUT 07. PREDICTED AP FOR 04-06 DEC ARE 10/14/07.

SOLTERWARN

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