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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 363 ISSUED 2200Z 29 DEC 1971

A LOW LEVEL OF ACTIVITY IS EXPECTED.

A. SOLAR ACTIVITY HAS BEEN LOW. THE MOST INTERESTING REGIONS ARE 391 /AT S12 WEST LIMB/ AND A NEW ONE-402-AT S07E17. THE LATTER IS STILL SMALL BUT LIES IN A REGION OF OLD MAGNETIC FIELD AND HAS SOME COMPLEXITY WITH A MORE-OR-LESS E-W NEUTRAL LINE. THE GEOMAGNETIC FIELD BECAME UNSETTLED DURING THE PAST 24 HOURS.

B. REGION 391 MAY PRODUCE LIMB EVENTS UP TO SMALL CLASS M. REGION 402 PROBABLY WILL PRODUCE 2 OR 3 CLASS M EVENTS DURING ITS DISK PASSAGE.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 DEC/0000Z ENDING 01 JAN/2400Z.

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENT 08/08/05

D. OTTAWA 10.7 CM FLUXES FOR 29/1400Z, 1700Z AND 2000Z WERE 116, 117 AND 116. PREDICTED 10.7 CM FLUXES FOR 30 DEC-01 JAN ARE 115/114/113.

E. MAGNETIC A-FREDERICKSBURG FOR 28 DEC WAS 02. FOR 29 DEC ABOUT 10. PREDICTED AP FOR 30 DEC-01 JAN ARE 09/07/05.

SOLTERWARN

SPAN

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