

KBOU

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010 ISSUED 2200Z 10 JANUARY 1972

MINOR ACTIVITY EXPECTED.

A. SOLAR ACTIVITY REMAINS LOW. FOUR CLASS C SUBFLARES SINCE OUR LAST MESSAGE. MOST ENERGETIC WAS A CLASS C3 SUBNORMAL AT 10/0207Z IN REGION 009 /S07E33/. THERE ARE CURRENTLY FOUR SIMPLE SPOT GROUPS VISIBLE, THE LARGEST BEING 009 WITH AN AREA OF 40 MILLIONTHS OF THE SOLAR HEMISPHERE. THE EAST LIMB IS QUIET. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT INCREASE IN SOLAR ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD SHOULD BE QUIET ON 11 JANUARY AND BECOME UNSETTLED TO ACTIVE ON 12-13 JANUARY.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 JAN/0000Z ENDING 13 JAN/2400Z.

CLASS M OR GREATER 10/15/15

CLASS X 01/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1400Z AND 1700Z WERE BOTH 96. PREDICTED 10.7 CM FLUXES FOR 11-13 JAN ARE 97/98/100.

E. MAGNETIC A-FREDERICKSBURG FOR 09 JANUARY WAS 04. FOR 10 JANUARY ABOUT 05. PREDICTED AP FOR 11-13 JAN ARE 05/15/18.

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