

HXUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 032 ISSUED 2200Z 01 FEB 1972

ONLY MINOR ACTIVITY EXPECTED.

A. NO ENERGETIC ACTIVITY HAS OCCURRED THE PAST 24 HOURS
AND THE FREQUENCY OF MINOR EVENTS HAS DECREASED.

RGN 033 (S16W50) REMAINS THE MOST ACTIVE REGION.

ITS SPOT GROUP IS DECLINING AND MAY BE SIMPLIFYING.

REGION 036 (N13W83) IS PRODUCING MINOR SURGES AS IT

APPROACHES THE LIMB. NEW BIPOLES ARE EMERGING NEAR

SO1E18 (NUMBER 039) AND S11W14 (NUMBER 040). A GEOMAGNETIC SUDDEN IMPULSE
OCCURRED AT 01/1010Z AND THE FIELD WAS UNSETTLED 01/1200-1500Z

B. ONLY RELATIVELY MINOR ACTIVITY IS EXPECTED DURING THE NEXT
72 HOURS. SMALL X-RAY EVENTS, UP TO CLASS M1, ARE POSSIBLE
FROM REGION 033. THE GEOMAGNETIC FIELD SHOULD BE QUIET THROUGH
05 FEBRUARY.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 02 FEB/0000Z ENDING 04 FEB/2400Z.

CLASS M OR GREATER 25/20/20

CLASS X 01/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 01/1400Z 1700Z AND 2000Z WERE
108, 110 AND 109. PREDICTED 10.7 CM FLUXES FOR 02-04 FEBRUARY
ARE 105/103/102.

E. MAGNETIC A-FREDERICKSBURG FOR 31 JAN WAS 04. FOR 01 FEB
ABOUT 04. PREDICTED AP FOR 02-04 FEB ARE 06/06/06.

SOLTERWARN

SPAN

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