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HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 061 ISSUED 2200Z 01 MARCH 1972

A. TOTAL FLARE OUTPUT REMAINS AT A LOW LEVEL. REGION 080 /N10W24/ APPEARS TO BE REACHING MATURITY. IT REMAINS SIMPLE AND INACTIVE. REGION 086 /S07E80/ HAS A LARGE STRONG LEADER SPOT, THE BALANCE OF THE REGION IS TOO CLOSE TO THE LIMB FOR EVALUATION. AN X-RAY EVENT AT 1602Z, CLASS YET UNKNOWN BUT PROBABLY A LARGE CLASS C, HAD NO OPTICAL COUNTER PART AND IS BELIEVED TO HAVE BEEN ASSOCIATED WITH REGION 086. ANOTHER X-RAY EVENT BEGINNING 2045Z PROBABLY WILL BE A CLASS M. A SB FLARE BEGAN IN REGION 086 AT 2053Z. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED SINCE 0300Z.

B. REGION 086 REMAINS TOO CLOSE TO THE LIMB FOR ANALYSIS, HOWEVER 1 TO 3 CLASS M EVENTS PER DAY ARE EXPECTED FROM THIS REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR THE NEXT 24 HOURS AND THEN BECOME QUIET.

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

CLASS M OR GREATER 75/80/85

CLASS X 02/02/05

PROTON EVENT 03/05/08

D. OTTAWA 10.7 CM FLUXES FOR 01/1400Z, 1700Z AND 2000Z WERE 127, 128 AND 123. PREDICTED 10.7 CM FLUXES FOR 02-04 MAR ARE 132/137/142.

E. MAGNETIC A-FREDERICKSBURG FOR 29 FEB WAS 01. FOR 02 MAR ABOUT 07. PREDICTED AP FOR 02-04 MAR ARE 06/04/03.

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