

KBOU

HFUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 063 ISSUED 2200Z 03 MARCH 1972

SMALL CLASS M EVENTS ARE EXPECTED.

A. THE ONE BRIGHT FLARE AT 02/1758Z IN REGION 086 /NOW NEAR S07E53/ WAS CLASS M4. A SUBNORMAL FLARE AT 02/2205Z IN REGION 078 /S08W15/ WAS CLASS M1. SINCE THESE EVENTS A TOTAL OF SIX SUBFLARES, FIVE OF THEM SUBFAINTS, HAVE BEEN OBSERVED. OF THESE, A SUBFAINT AT 03/1607Z IN REGION 086 PRODUCED A 40 FLUX UNIT RADIO BURST AT 2700 MHZ, AND A SUBFAINT AT 03/1827Z IN REGION 080 /N09W53/ PRODUCED MINOR IONOSPHERIC DISTURBANCES. REGION 086 /F/960 MILLIONTHS/ APPEARS TO BE INCREASING IN MAGNETIC COMPLEXITY AND REJUVENATION IS OCCURRING IN THE FOLLOWING PORTION OF REGION 080 /C/70 MILLIONTHS/. REGION 088 IS A NEW REGION DEVELOPING NEAR S11E14. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. TWO TO FOUR SMALL CLASS M EVENTS PER DAY, PRIMARILY FROM REGION 086, ARE EXPECTED. THE GEOMAGNETIC FIELD SHOULD BE QUIET TO SLIGHTLY UNSETTLED.

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

CLASS M OR GREATER 75/75/75

CLASS X 04/04/04

PROTON EVENT 04/05/05

D. OTTAWA 10.7CM FLUXES FOR 03/1400Z AND 1700Z WERE 134 AND 133. PREDICTED 10.7CM FLUXES FOR 04-06 MAR ARE 137/139/139.

E. MAGNETIC A-FREDERICKSBURG FOR 02 MAR WAS 09. FOR 03 MAR ABOUT 10. PREDICTED AP FOR 04-06 MAR ARE 08/06/06.

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