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HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 062 ISSUED 2200Z 02 MARCH 1972

SMALL CLASS M EVENTS ARE EXPECTED.

A. SEVEN FLARES HAVE BEEN REPORTED IN THE LAST 24 HOURS. TWO FLARES FROM REGION 086 /S08E67/ HAVE BEEN ENERGETIC. A ONE NORMAL AT 02/0815Z WAS CLASS M1 AND A ONE BRIGHT AT 02/1758Z PRODUCED AN IMPULSIVE 206 FLUX UNIT RADIO BURST AT 2800 MHZ, SUDDEN IONOSPHERIC DISTURBANCES, AND A POSSIBLE GEOMAGNETIC CROCHET. THE X-RAY CLASS OF THIS LATTER EVENT IS NOT YET KNOWN. REGION 086 IS AN F-TYPE SPOT GROUP WITH A TWENTY DEGREE SPREAD IN LONGITUDE. THE REGION IS MAGNETICALLY A SIMPLE BIPOLE WITH A TIGHT MAGNETIC GRADIENT WHERE ONE FOLLOWER SPOT CROWDS THE LARGE LEADER SPOT. THE 02/1758Z EVENT WAS LOCATED IN THE FOLLOWING PORTION OF THE REGION, SEVERAL DEGREES EAST OF THE STRONG MAGNETIC GRADIENT. ONLY NON-ENERGETIC SUBFLARES AND RELATIVELY MINOR CHANGES HAVE BEEN OBSERVED IN THE OTHER FIVE SMALL SPOT GROUPS ON THE VISIBLE DISK. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. TWO TO FOUR CLASS M EVENTS PER DAY ARE EXPECTED FROM REGION 086 DURING THE NEXT 72 HOURS. ONLY NON-ENERGETIC ACTIVITY IS EXPECTED FROM THE OTHER REGIONS. THE GEOMAGNETIC FIELD WILL BE QUIET.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 MAR/0000Z ENDING 05 MAR/2400Z.

CLASS M OR GREATER 75/75/75

CLASS X 03/04/04

PROTON EVENT 03/03/05

D. OTTAWA 10.7CM FLUXES FOR 02/1400Z, 1700Z AND 2000Z WERE 132, 132 AND 133. PREDICTED 10.7CM FLUXES FOR 03-05 MAR ARE 135/137/139.

E. MAGNETIC A-FREDERICKSBURG FOR 01 MAR WAS 08. FOR 02 MAR ABOUT 07. PREDICTED AP FOR 03-05 MAR ARE 07/07/06.

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