

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 058 ISSUED 2200Z 27 FEBRUARY 1972

SPORADIC CLASS M ACTIVITY POSSIBLE

A. ONLY SEVEN NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS. SIX FLARES WERE IN THE 066/067 COMPLEX /N10W75/ AND ONE IN REGION 070 /S15W33/. OLD REGIONS ON THE DISK APPEAR TO BE MAGNETICALLY SIMPLE AND DECAYING. A NEW REGION, NUMBER 080, IS DEVELOPING NEAR N10E13. THE EAST LIMB IS QUIET. MINOR SURGE ACTIVITY HAS ACCCOMPANIED THE WEST LIMB PASSAGE OF REGION 060 NEAR S15. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. INFREQUENT SMALL CLASS M ACTIVITY IS EXPECTED FROM REGIONS 066/067 AND 070. THE GEOMAGNETIC FIELD SHOULD BE GENERALLY QUIET WITH SOME SLIGHTLY UNSETTLED PERIODS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 FEB/0000Z ENDING 01 MAR/2400Z.

CLASS M OR GREATER 65/55/50

CLASS X 05/05/02

PROTON EVENT 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 27/1400Z 1700Z AND 2000Z WERE 142, 143 AND 139. PREDICTED 10.7 CM FLUXES FOR 28 FEB - 01 MAR ARE 135/130/125.

E. MAGNETIC A-FREDERICKSBURG FOR 26 FEB WAS 05. FOR 27 FEB ABOUT 03. PREDICTED AP FOR 28 FEB - 01 MAR ARE 06/10/07.

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