

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 056 ISSUED 2200Z 25 FEB 1972
ISOLATED SMALL CLASS M EXPECTED.

A. THE RAPIDLY DECREASED SOLAR FLARE PRODUCTION RATE HAS
PERSISTED WITH ONLY SPORADIC, GENERALLY NON-ENERGETIC SUBFLARES
REPORTED DURING THE PAST 24 HOURS. THE NORTHWESTERN COMPLEX
/066, 067, 069/ HAS CONTINUED ITS DECLINE IN SUNSPOT AREA
AND IN H-ALPHA INTEREST BUT REMAINS SOMEWHAT COMPLEX MAG-
NETICALLY WITH DELTA CONFIGURATIONS OBSERVED IN BOTH 066 AND
067. REGION 070 /S15W07/ HAS FURTHER SIMPLIFIED BUT AN
EMERGING BI-POLE /077, S09W15/ HAS APPEARED NEAR THE LARGE
LEADER SPOT. A NEW, GENERALLY UNIMPRESSIVE REGION /S08E80/
PRODUCED MINOR LIMB ACTIVITY AS IT ROTATED ONTO THE DISK.
MT WILSON HAS OBSERVED ONLY LEADING POLARITY SPOTS BUT FORE-
SHORTENING MAY BE OBSCURING SMALL FOLLOWERS. THE GEOMAGNETIC
FIELD, WHICH WAS ACTIVE, IS NOW UNSETTLED.

B. ISOLATED CLASS M FLARES ARE STILL EXPECTED WITH REGIONS
066/067 AND AN ISOLATED CLASS X IS POSSIBLE. THE GEOMETRY
REMAINS FAVORABLE FOR EARTH INTERCEPTION OF HIGH ENERGY
PARTICLES IF PRODUCED BY THIS NORTHWESTERN COMPLEX. THE GEO-
MAGNETIC FIELD WILL BECOME MORE QUIET BUT WITH CONTINUED UN-
SETTLED PERIODS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 26 FEB/0000Z ENDING 28 FEB/2400Z.

CLASS M OR GREATER 80/75/75

CLASS X 05/05/05

PROTON EVENT 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 25/1400Z, 1700Z AND 2000Z WERE
156, 155 AND 154. PREDICTED 10.7 CM FLUXES FOR 26-28 FEB ARE
150/145/135.

E. MAGNETIC A-FREDERICKSBURG FOR 24 FEB WAS 24. FOR 25 FEB
ABOUT 13. PREDICTED AP FOR 26-28 FEB ARE 08/06/11.

SOLTERWARN

SAPN

BT