

SDF issued at 2118UT 26 FEB 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 057

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 26 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z  
TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. BOTH OF THE  
SPOTTED REGIONS, 4772 (S24W21) AND 4773 (N39E53), HAVE BEEN  
QUIET AND STABLE. OCCASIONAL TYPE III SWEEP AND DISCRETE  
FREQUENCY RADIO ACTIVITY HAVE BEEN RECORDED DURING THE INTERVAL.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW THROUGHOUT THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT ALL  
LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO PERSIST AT QUIET TO UNSETTLED LEVELS FOR THE NEXT  
72 HOURS.

III. EVENT PROBABILITIES 27 FEB-01 MAR

CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 FEB 075  
PREDICTED 27 FEB-01 MAR 076/076/076  
DAY MEAN 26 FEB 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 FEB 009/008  
ESTIMATED AFR/AP 26 FEB 005/009  
PREDICTED AFR/AP 27 FEB-01 MAR 005/010-005/010-005/010