

SDF issued at 2131UT 11 JAN 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 011

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 11 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z  
TO 11/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. THE DISK IS  
AGAIN SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z:  
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 THREE DAYS.

III. EVENT PROBABILITIES 12 JAN-14 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JAN 070

PREDICTED 12 JAN-14 JAN 071/071/072

90 DAY MEAN 11 JAN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JAN 006/007

ESTIMATED AFR/AP 11 JAN 003/008

PREDICTED AFR/AP 12 JAN-14 JAN 010/012-005/010-010/010