

SDF issued at 2123UT 08 JAN 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 008

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 08 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z
TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK
IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE INTERVAL. A
WEAK RECURRENT DISTURBANCE IS ANTICIPATED.

III. EVENT PROBABILITIES 09 JAN-11 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JAN 071

PREDICTED 09 JAN-11 JAN 070/070/071

90 DAY MEAN 08 JAN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 JAN 004/007

ESTIMATED AFR/AP 08 JAN 007/013

PREDICTED AFR/AP 09 JAN-11 JAN 010/015-015/015-010/013