

SDF issued at 2114UT 07 JAN 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 007

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 07 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z  
TO 07/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. REGION 4763  
(N05W72), THE ONLY REGION VISIBLE, CONSISTS OF A SINGLE SPOT.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE GENERALLY UNSETTLED TO MILDLY ACTIVE FOR THE  
NEXT THREE DAYS. JANUARY 8 SHOULD BE THE LEAST DISTURBED  
DAY OF THE TRIO.

III. EVENT PROBABILITIES 08 JAN-10 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JAN 072

PREDICTED 08 JAN-10 JAN 072/072/072

90 DAY MEAN 07 JAN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 JAN 003/007

ESTIMATED AFR/AP 07 JAN 004/008

PREDICTED AFR/AP 08 JAN-10 JAN 005/013-010/015-015/015