

SDF issued at 2106UT 04 JAN 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 004

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 04 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z
TO 04/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO NEW REGION WAS
ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE ACTIVE. THIS IS BASED ON A WEAK RECURRENT
DISTURBANCE PATTERN THAT IS POSSIBLY LINKED TO A WEAK CORONAL
HOLE. OCCASIONAL STORM CONDITIONS ARE POSSIBLE AT BOTH HIGH
AND MID-LATITUDES.

III. EVENT PROBABILITIES 05 JAN-07 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JAN 071

PREDICTED 05 JAN-07 JAN 071/072/073

90 DAY MEAN 04 JAN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 JAN 007/008

ESTIMATED AFR/AP 04 JAN 005/010

PREDICTED AFR/AP 05 JAN-07 JAN 022/020-018/023-012/015