

SDF issued at 2145UT 10 DEC 86

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 344

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 10 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z
TO 10/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY NUMBERED REGION
4761 (S28E68) WAS A SIMPLE ALPHA-TYPE. IT PROBABLY IS RETURNING
REGION 4759 (S28, L=248).

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED. ACTIVE CONDITIONS AT HIGH
LATITUDES AND QUIET CONDITIONS AT MID-LATITUDES WILL GENERALLY
PREVAIL.

III. EVENT PROBABILITIES 11 DEC-13 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 DEC 075

PREDICTED 11 DEC-13 DEC 077/079/081

90 DAY MEAN 10 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 DEC 005/007

ESTIMATED AFR/AP 10 DEC 009/011

PREDICTED AFR/AP 11 DEC-13 DEC 008/015-006/018-007/015