

SDF issued at 2106UT 08 DEC 86

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 342

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z
TO 08/2100Z: 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 07/2100Z TO 08/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED. MINOR STORM CONDITIONS ARE
POSSIBLE AT HIGH LATITUDES THE FIRST ONE-HALF OF THE PERIOD
DUE TO A WEAKENING RECURRENT DISTURBANCE PATTERN. THE LAST
DAY (11 DEC) IS EXPECTED TO BE QUIET AT MID-LATITUDES.

III. EVENT PROBABILITIES 09 DEC-11 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DEC 071

PREDICTED 09 DEC-11 DEC 073/075/076

90 DAY MEAN 08 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 DEC 004/008

ESTIMATED AFR/AP 08 DEC 005/008

PREDICTED AFR/AP 09 DEC-11 DEC 011/010-008/010-006/010