

SDF issued at 20520T 11 DEC 86

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 345

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: 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 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED. SLIGHTLY GREATER VALUES ARE EXPECTED AT HIGH LATITUDES, WITH CORRESPONDINGLY LOWER VALUES AT MID-LATITUDES.

III. EVENT PROBABILITIES 12 DEC-14 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 075

PREDICTED 12 DEC-14 DEC 077/079/081

90 DAY MEAN 11 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 DEC 009/011

ESTIMATED AFR/AP 11 DEC 008/010

PREDICTED AFR/AP 12 DEC-14 DEC 006/015-007/012-008/010