

SDF issued at 2148UT 04 DEC 86

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 338

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PREVIOUS 24 HOURS. THERE ARE NO SPOTTED REGIONS PRESENTLY ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID LATITUDES AND UNSETTLED TO ACTIVE AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED ON 5 DECEMBER AND UNSETTLED TO ACTIVE THE REMAINING TWO DAYS OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 DEC-07 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 DEC 071

PREDICTED 05 DEC-07 DEC 072/072/073

90 DAY MEAN 04 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 DEC 005/009

ESTIMATED AFR/AP 04 DEC 008 010

PREDICTED AFR/AP 05 DEC-07 DEC 005/010-010/015-010/015

+  
-  
-