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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 339

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z TO 05/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK CONTINUES TO BE SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID LATITUDES. THE HIGH LATITUDE STATIONS WERE GENERALLY ACTIVE BETWEEN 04/2230UT AND 05/0300UT, BUT DECREASED TO QUIET CONDITIONS AFTER THAT TIME PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. THE FORECAST CONTINUES TO BE BASED ON RECURRENCE.

III. EVENT PROBABILITIES 06 DEC-08 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 DEC 072

PREDICTED 06 DEC-08 DEC 072/073/074

90 DAY MEAN 05 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 DEC 005/012

ESTIMATED AFR/AP 05 DEC 005/008

PREDICTED AFR/AP 06 DEC-08 DEC 010/015-010/015-010/020