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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 337

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE NO SPOTTED REGIONS AND THE DISK AND LIMBS ARE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED ON 4-5 DECEMBER AND UNSETTLED TO ACTIVE ON 6 DECEMBER. THE FORECAST IS BASED PRIMARILY ON RECURRENCE.

III. EVENT PROBABILITIES 04 DEC-06 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 DEC 072

PREDICTED 04 DEC-06 DEC 072/072/073

90 DAY MEAN 03 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 DEC 006/012

ESTIMATED AFR/AP 03 DEC 012/014

PREDICTED AFR/AP 04 DEC-06 DEC 007/010-005/010-010/015