

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 363

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY UNSETTLED THE PAST 24 HOURS. STORM CONDITIONS ABATED AT ALL LATITUDES BY DAY'S END DECEMBER 28TH.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MAINLY UNSETTLED TO ACTIVE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 30 DEC-01 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DEC 068

PREDICTED 30 DEC-01 JAN 068/068/069

90 DAY MEAN 29 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 DEC 035/041

ESTIMATED AFR/AP 29 DEC 009/015

PREDICTED AFR/AP 30 DEC-01 JAN 010/015-010/015-005/015

SOLTERWARN

BT