

HFUS3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 365

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100
TO 31/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK IS
STILL SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY
LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM LEVELS
THROUGHOUT THE PERIOD. THIS DISTURBANCE, WHICH BEGAN EARLY ON
DECEMBER 30TH, SEEMS TO BE SUBSIDING AT ISSUE TIME.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD
SHOULD BE UNSETTLED TO ACTIVE ON JANUARY 1ST. ACTIVITY IS THEN
EXPECTED TO DIMINISH THROUGH THE END OF THE INTERVAL.

III. EVENT PROBABILITIES 01 JAN-03 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 DEC 069

PREDICTED 01 JAN-03 JAN 070/070/071

90 DAY MEAN 31 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 DEC 035/058

ESTIMATED AFR/AP 31 DEC 019/025

PREDICTED AFR/AP 01 JAN-03 JAN 010/015-005/015-005/010

SOLTERWARN

BT