

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 342

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 08 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100
TO 08/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. REGION
4706 (N20W76) LOST ITS SPOT GROUP EARLY IN THE DAY AND THE DISK
IS NOW SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO FOLLOW THE RECURRENCE PATTERN DURING THE NEXT THREE
DAYS AND BE AT UNSETTLED TO ACTIVE LEVELS.

III. EVENT PROBABILITIES 09 DEC-11 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DEC 075

PREDICTED 09 DEC-11 DEC 076/077/077

90 DAY MEAN 08 DEC 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 DEC 004/008

ESTIMATED AFR/AP 08 DEC 005/008

PREDICTED AFR/AP 09 DEC-11 DEC 010/015-015/025-012/025

SOLTERWARN

BT