

HFUS3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 313

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION 4700 (N14W84), NOW APPROACHING WEST LIMB, APPEARS TO BE DECAYING. REGION 4701 (S10E67) HAS BEEN STABLE. BOTH SPOT GROUPS HAVE BEEN QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO ACTIVE LEVELS AT MID-LATITUDES. MAJOR STORM CONDITIONS WERE OBSERVED AT HIGH-LATITUDES FROM 1800 TO 2100Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT UNSETTLED TO ACTIVE LEVELS THROUGH 12 NOVEMBER.

III. EVENT PROBABILITIES 10 NOV-12 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 NOV 074

PREDICTED 10 NOV-12 NOV 075/076/077

90 DAY MEAN 09 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 NOV 006/009

ESTIMATED AFR/AP 09 NOV 010/018

PREDICTED AFR/AP 10 NOV-12 NOV 010/020-015/020-015/025

SOLTERWARN

BT

HXUS BOU 092200

PREDM 00110 00111 00112

PREDX 00110 00111 00112

PREDP 00110 00111 00112

PCRAFT 00110

TENCM 07510 07611 07712

AFRED 01010 01511 01512

AFAPF 02010 02011 02512

BT