

HFXUS3 BOU 172200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 321

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 17 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100 TO 17/2100Z: SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 4703 (S08W01) IS DECLINING ALTHOUGH THERE HAVE BEEN REPORTS OF PLAGE ENHANCEMENTS AND AN AFS. NEW REGION 4704 (N02E29) HAS DEVELOPED INTO A SMALL C-TYPE SPOT GROUP DURING THE PAST 24 HOURS. SPOTS HAVE DISAPPEARED FROM REGION 4701 (S10W40).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED UNTIL 1500UT WHEN ACTIVITY INCREASED TO ACTIVE LEVELS (MINOR STORM AT HIGH LATITUDES).

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE EARLY IN THE PERIOD, BECOMING GENERALLY UNSETTLED BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES 18 NOV-20 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 NOV 079

PREDICTED 18 NOV-20 NOV 079/078/078

90 DAY MEAN 17 NOV 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 NOV 009/013

ESTIMATED AFR/AP 17 NOV 008/015

PREDICTED AFR/AP 18 NOV-20 NOV 015/020-010/015-010/015

SOLTERWARN

BT

HFXUS BOU 172200
PREDM 00118 00119 00120
PREDX 00118 00119 00120
PREDP 00118 00119 00120
PCAFT 00118
TENCM 07918 07819 07820
AFRED 01518 01019 01020
AFAPF 02018 01519 01520
BT