

HFXUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 320

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100 TO 16/2100Z: SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 4703 (S08E13) APPEARS TO HAVE STABILIZED. A FILAMENT RUNNING NORTH OF THE REGION IS ACTIVE BUT THERE HAS BEEN NO FLARE ACTIVITY REPORTED DURING THE PAST 24 HOURS. REGION 4702 (N03E17) HAS LOST ITS SPOTS AND REGION 4701 (S10W27) CONTINUES TO DECLINE. PORTIONS OF THE FILAMENT IN REGION 4702 HAVE DISAPPEARED. THE 10CM FLUX AND THE XRAY BACKGROUND FLUX ARE DECLINING.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED EARLY IN THE PERIOD AND INCREASING TO ACTIVE LEVELS BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES 17 NOV-19 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 NOV 081

PREDICTED 17 NOV-19 NOV 082/083/082

90 DAY MEAN 16 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 NOV 011/019

ESTIMATED AFR/AP 16 NOV 010/015

PREDICTED AFR/AP 17 NOV-19 NOV 010/015-015/015-010/020

SOLTERWARN

BT

HFXUS BOU 162200

PREDM 00517 00518 00519

PREDX 00117 00118 00119

PREDP 00117 00118 00119

PCAF 00117

TENCM 08217 08318 08219

AFRED 01017 01518 01019

AFAPF 01517 01518 02019

BT