

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 305

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100 TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THE DISK AND LIMBS REMAINED VERY QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS. STORM CONDITIONS EXISTED AT HIGH LATITUDES DURING NIGHTTIME HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE WITH PERIODS OF MINOR STORM LEVEL AT HIGH LATITUDES THROUGH THE FIRST TWO DAYS OF THE FORECAST PERIOD. THE RECURRENT PATTERN INDICATES ENHANCED ACTIVITY LEVELS DURING THE FORECAST TIME. THE LATEST 10830 ANALYSIS GIVES NO EVIDENCE OF CORONAL HOLE.

III. EVENT PROBABILITIES 02 NOV-04 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 NOV 070

PREDICTED 02 NOV-04 NOV 069/068/068

90 DAY MEAN 01 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 OCT 004/008

ESTIMATED AFR/AP 01 NOV 015/017

PREDICTED AFR/AP 02 NOV-04 NOV 015/020-015/020-015/015

SOLTERWARN

BT

HXUS BOU 012200

PREDM 00102 00103 00104

PREDX 00102 00103 00104

PREDP 00102 00103 00104

PCAFT 00102

TENCM 06902 06803 06804

AFRED 01502 01503 01504

AFAPF 02002 02003 01504

BT