

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 306

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY HAS CONTINUED TO BE VERY LOW FOR THE PAST 24 HOURS. THE DISK AND LIMBS ARE QUIET AND STABLE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE PREVIOUS 24 HOURS. PERIODS OF STORM CONDITION HAVE EXISTED AT HIGH LATITUDES SINCE 02/1330.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN AT THE UNSETTLED TO ACTIVE LEVEL FOR THE FIRST TWO DAYS OF THE FORECAST PERIOD THEN RETURN TO UNSETTLED ON THE LAST DAY. STORM CONDITIONS AT HIGH LATITUDES ARE EXPECTED TO CONTINUE PERIODICALLY THROUGH THE FIRST DAY OF THE FORECAST TIME. ENHANCED LEVELS OF ACTIVITY BASED ON RECURRENCE SEEMS TO BE THE MAIN FACTOR AFFECTING THE FORECAST PERIOD.

LATEST ANALYSIS AND DATA GIVES NO EVIDENCE OF OTHER PHENOMENA

III. EVENT PROBABILITIES 03 NOV-05 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 NOV 070

PREDICTED 03 NOV-05 NOV 068/068/068

90 DAY MEAN 02 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 NOV 011/017

ESTIMATED AFR/AP 02 NOV 015/019

PREDICTED AFR/AP 03 NOV-05 NOV 015/020-015/015-010/015

SOLTERWARN

BT

HXUS BOU 022200

PREDM 00103 00104 00105

PREDX 00103 00104 00105

PREDP 00103 00104 00105

PCAFPT 00103

TENCM 06803 06804 06805

AFRED 01503 01504 01005

AFAPP 02003 01504 01505

BT