

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 324

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100 TO 20/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4703 (S09W42) WAS A CAO TYPE SPOT GROUP AND REGION 4704 (N02W16) WAS A BXO TYPE SPOT GROUP. BOTH REGIONS HAVE GROWN SLIGHTLY AND HAVE A BETA MAGNETIC CONFIGURATION. NO SIGNIFICANT FLARES WERE OBSERVED. NO NEW REGIONS WERE NUMBERED TODAY. THE REST OF THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 21 NOV-23 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 NOV 078

PREDICTED 21 NOV-23 NOV 076/075/076

90 DAY MEAN 20 NOV 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 NOV 014/015

ESTIMATED AFR/AP 20 NOV 004/009

PREDICTED AFR/AP 21 NOV-23 NOV 005/015-005/015-005/015

SOLTERWARN

BT

HXUS BOU 202200

PREDM 00121 00122 00123

PREDX 00121 00122 00123

PREDP 00121 00122 00123

PCAFT 00121

TENCM 07621 07522 07623

AFRED 00521 00522 00523

AFAPF 01521 01522 01523

BT