

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 318

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 14 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100
TO 14/2100Z: SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION
4703 (S09E42) HAS GROWN SLIGHTLY. AFS IS PRESENT IN THE REGION
AND PENUMBRA HAS BEEN REPORTED. ONLY SMALL B LEVEL FLARES HAVE
BEEN OBSERVED. REGIONS 4701 (S10E03) AND 4702 (N03E46) ARE
QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z:
THE GEOMAGNETIC FIELD WAS AT MINOR STORM LEVELS EARLY IN THE
PERIOD AND AT UNSETTLED LEVELS SINCE 0300UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE THROUGH THE PERIOD.

III. EVENT PROBABILITIES 15 NOV-17 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 079

PREDICTED 15 NOV-17 NOV 079/080/080

90 DAY MEAN 14 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 NOV 022/028

ESTIMATED AFR/AP 14 NOV 014/020

PREDICTED AFR/AP 15 NOV-17 NOV 010/015-010/015-010/015

SOLTERWARN

BT

HXUS BOU 142200

PREDM 00115 00116 00117

PREDX 00115 00116 00117

PREDP 00115 00116 00117

PCAFT 00115

TENCM 07915 08016 08017

AFRED 01015 01016 01017

AFAPF 01515 01516 01517

BT