

HFUS 3 BOU 222200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 326

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100
TO 22/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. THE DISK IS STILL SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN AT A
VERY LOW LEVEL FOR THE NEXT THREE DAYS. RETURNING REGIONS
INCLUDE OLD 4351 ON 23 NOV AND OLD 4358 ON 25 NOV. BOTH ARE
EXPECTED TO BE SIMPLE AND QUIET.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO REMAIN GENERALLY UNSETTLED UNTIL 25 NOV WHEN
CORONAL HOLE ACTIVITY SHOULD BRING ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 23 NOV-25 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 NOV 082

PREDICTED 23 NOV-25 NOV 083/085/087

90 DAY MEAN 22 NOV 107

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 NOV 006/009

ESTIMATED AFR/AP 22 NOV 009/010

PREDICTED AFR/AP 23 NOV-25 NOV 010/010-008/015-015/025

SOLTERWARN

BT