

HFUS 3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 296

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 23 OCT 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100
TO 23/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. REGION 4347
(S12E34) WAS ADDED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AT MID
LATITUDES WITH A SHORT PERIOD AT STORM LEVEL AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE THROUGH THE
FORECAST PERIOD. HIGH LATITUDES SHOULD EXPERIENCE HIGHER
RESPONSES.

III. EVENT PROBABILITIES 24 OCT-26 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 OCT 089

PREDICTED 24 OCT-26 OCT 088/088/088

90 DAY MEAN 23 OCT 119

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 OCT 014/021

ESTIMATED AFR/AP 23 OCT 013/025

PREDICTED AFR/AP 24 OCT-26 OCT 013/015-015/015-010/010

SOLTERWARN

BT