

HFUS 3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 298

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 OCT 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100
TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. INSIGNIFICANT
REGION RESTRUCTURING IS THE ONLY CHANGE BEING NOTED. REGION
4344 (S25E01) REDEVELOPED SPOTS AS DID REGIONS 4345 (S07E11)
AND 4348 (S22W69). NEW REGION 4349 (S06E56) WAS NUMBERED TODAY.
THE REST OF THE DISK IS BASICALLY QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO REMAIN QUIET TO UNSETTLED. A PARTIAL FILAMENT
DISAPPEARANCE NEAR S20 W50 IS NOT EXPECTED TO IMPACT THE FIELD.

III. EVENT PROBABILITIES 26 OCT-28 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCT 090

PREDICTED 26 OCT-28 OCT 090/090/092

90 DAY MEAN 25 OCT 118

V.---GEOMAGNETIC A-INDICES---

OBSERVED AFR/AP 24 OCT 019/022

ESTIMATED AFR/AP 25 OCT 007/015

PREDICTED AFR/AP 26 OCT-28 OCT 010/010-010/010-010/010

SOLTERWARN

BT