

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 275

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 OCT 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100
TO 01/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO NEW REGION WAS
ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW. NO SIGNIFICANT RETURNING REIGON IS EXPECTED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 01/2100Z:
GEOMAGNETIC ACTIVITY WAS UNSETTLED. HIGH LATITUDES REPORTED
ACTIVE LEVELS 01/1330-1500Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNEITC ACTIVITY IS
EXPECTED TO BE ACTIVE. MINOR DISAPPEARING FILAMENTS OF 27-30
SEP ARE FORECAST TO ENHANCE THE FIELD ABOVE THE RECURRENT
UNSETTLED CONDITION. BRIEF STORM LEVELS ARE EXPECTED AT HIGH
LATITUDES DURING NIGHT-TIME PERIODS.

III. EVENT PROBABILITIES 02 OCT-04 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 OCT 072

PREDICTED 02 OCT-04 OCT 071/070/069

90 DAY MEAN 01 OCT 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 SEP 011/014

ESTIMATED AFR/AP 01 OCT 010/015

PREDICTED AFR/AP 02 OCT-04 OCT 020/025-020/015-015/015

SOLTERWARN

BT