

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 274

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY WAS VERY LOW. ONE NEW REGION WAS ASSIGNED: 4580 (S08W22) WAS A SIMPLE ALPHA-TYPE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: GEOMAGNETIC ACTIVITY WAS UNSETTLED TO ACTIVE. MINOR/MAJOR STORM LEVELS WERE REPORTED AT HIGH LATITUDES 30/0730-1030Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS. MAJOR STORM LEVELS AT HIGH LATITUDES ARE EXPECTED DURING NIGHT-TIME PERIODS. THIS DISTURBANCE IS EXPECTED DUE TO MINOR FILAMENT DISAPPEARANCES.

III. EVENT PROBABILITIES 01 OCT-03 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 SEP 072

PREDICTED 01 OCT-03 OCT 071/070/069

90 DAY MEAN 30 SEP 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 SEP 008/014

ESTIMATED AFR/AP 30 SEP 014/014

PREDICTED AFR/AP 01 OCT-03 OCT 020/025-025/030-020/020

SOLTERWARN

BT