

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 268

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY REMAINED VERY LOW. THE DISK REMAINED SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. A FILAMENT DISRUPTION ON 22 SEPT COULD ENHANCE THE ACTIVE CONDITIONS LATE ON 26 OR EARLY ON 27 SEPT.

III. EVENT PROBABILITIES 26 SEP-28 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 SEP 068

PREDICTED 26 SEP-28 SEP 068/069/069

90 DAY MEAN 25 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 SEP 015/019

ESTIMATED AFR/AP 25 SEP 015/025

PREDICTED AFR/AP 26 SEP-28 SEP 010/015-015/025-008/015

SOLTERWARN

BT