

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 259

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY IS AT A VERY LOW LEVEL. THE DISK REMAINS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED LEVELS FOR THE FIRST TWO DAYS OF THE PERIOD AND THEN A FILAMENT THAT DISAPPEARED ON 14 SEPT IS EXPECTED TO BRING ACTIVE CONDITIONS ON 18 SEPT.

III. EVENT PROBABILITIES 16 SEP-18 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 SEP 073

PREDICTED 16 SEP-18 SEP 073/073/073

90 DAY MEAN 15 SEP 088

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 SEP 015/016

ESTIMATED AFR/AP 15 SEP 010/015

PREDICTED AFR/AP 16 SEP-18 SEP 010/010-010/010-018/010

SOLTERWARN

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