

KBOU

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 258

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100 TO 14/2100Z: SOLAR ACTIVITY CONTINUED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE VISIBLE DISK REMAINS 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 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO SLIGHTLY ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE FOR THE NEXT THREE DAYS. A FILAMENT IN THE SOUTHWEST QUADRANT OF THE DISK DISAPPEARED EARLIER TODAY AND COULD BRING INCREASED ACTIVE CONDITIONS LATE IN THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 15 SEP-17 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 SEP 074

PREDICTED 15 SEP-17 SEP 075/075/075

90 DAY MEAN 14 SEP 088

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 SEP 011/013

ESTIMATED AFR/AP 14 SEP 013/020

PREDICTED AFR/AP 15 SEP-17 SEP 010/015-010/015-010/010

SOLTERWARN

BT

MMWZCVZ 000