

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 257

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100 TO 13/2100Z: SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE SOLAR DISK IS SPOTLESS AND NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED. THERE HAVE BEEN ONLY MINOR CHANGES IN DISK FEATURES AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL THROUGH THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED DURING THE FORECAST PERIOD, HOWEVER, RECURRENCE WOULD INDICATE A SLIGHT CHANCE OF BRIEF ACTIVE PERIODS.

III. EVENT PROBABILITIES 14 SEP-16 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEP 074

PREDICTED 14 SEP-16 SEP 074/074/074

90 DAY MEAN 13 SEP 088

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 SEP 012/014

ESTIMATED AFR/AP 13 SEP 012/015

PREDICTED AFR/AP 14 SEP-16 SEP 010/020-010/015-010/015

SOLTERWARN

BT