

HFUSS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 260

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 17 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100 TO 17/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4694 (S11E10) DECAYED TO A SIMPLE ALPHA TYPE. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES. THE MINOR GEOMAGNETIC STORM THAT STARTED WITH A GRADUAL COMMENCEMENT ON 15/1800Z ENDED YESTERDAY AT 16/1630Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE THE FIRST AND SECOND DAYS (18-19 SEP), AND DECREASE TO UNSETTLED TO ACTIVE CONDITIONS THE LAST DAY (20 SEP).

III. EVENT PROBABILITIES 18 SEP-20 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEP 069

PREDICTED 18 SEP-20 SEP 070/069/069

90 DAY MEAN 17 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 SEP 025/033

ESTIMATED AFR/AP 17 SEP 015/020

PREDICTED AFR/AP 18 SEP-20 SEP 016/020-016/020-010/015

SOLTERWARN

BT