

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 220

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4682 (S15W77) PRODUCED A C5/SN FLARE THAT MAXED AT 0748UT BUT HAS BEEN QUIET SINCE. TWO NEW REGIONS, 4687 (S01E55) AND 4688 (N11E65), WERE NUMBERED TODAY WHILE THE REGION (4686) THAT WAS NUMBERED YESTERDAY DISAPPEARED. BOTH 4687 AND 4688 ARE SMALL, SIMPLE REGIONS.

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 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED TO ACTIVE. SMALL SEGMENTS OF FILAMENTS THAT HAVE DISAPPEARED DURING THE PAST FEW DAYS ARE EXPECTED TO HAVE THIS MINOR EFFECT ON THE FIELD.

III. EVENT PROBABILITIES 09 AUG-11 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUG 076

PREDICTED 09 AUG-11 AUG 076/076/076

90 DAY MEAN 08 AUG 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 AUG 004/009

ESTIMATED AFR/AP 08 AUG 007/010

PREDICTED AFR/AP 09 AUG-11 AUG 010/020-010/015-008/015

SOLTERWARN

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