

HFUS3 BOU 092200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 221

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 09 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4682 (S15W90) IS PASSING OVER THE WEST LIMB, REGION 4688 (N11E51) LOST ITS SMALL SIMPLE SPOT GROUP AND REGION 4687 (S02E42) HAS BEEN QUIET ALTHOUGH GROWING SLOWLY IN WHITE LIGHT. THE REST OF THE DISK AND THE LIMBS ARE QUIET.

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 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO SLIGHTLY UNSETLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETLED TO SLIGHTLY ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 10 AUG-12 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 AUG 073

PREDICTED 10 AUG-12 AUG 073/072/072

90 DAY MEAN 09 AUG 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 AUG 008/010

ESTIMATED AFR/AP 09 AUG 005/010

PREDICTED AFR/AP 10 AUG-12 AUG 010/015-008/010-008/015

SOLTERWARN

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