

HFUS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 218

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4680 (N06W60) IS NOW SPOTLESS AND REGION 4682 (S15W48) HAS REMAINED STABLE. MEANWHILE A SMALL BI-POLAR GROUP DEVELOPED NEAR N03W09 AND WAS NUMBERED 4685. A SMALL PROMINENCE NEAR NE11 HAS BEEN QUITE ACTIVE; HOWEVER, NO REGION IS DUE BACK IN THAT AREA.

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 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. THE FILAMENT INDUCED ACTIVITY FAILED TO MATERIALIZE.

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

III. EVENT PROBABILITIES 07 AUG-09 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 AUG 076

PREDICTED 07 AUG-09 AUG 076/076/075

90 DAY MEAN 06 AUG 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 AUG 004/008

ESTIMATED AFR/AP 06 AUG 005/010

PREDICTED AFR/AP 07 AUG-09 AUG 010/015-010/015-010/015

SOLTERWARN

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