

HFUS3 BOU 023200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 217

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100 TO 05/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGIONS 4680 (N06W47) AND 4682 (S15W35) REMAIN AS THE ONLY TWO VISIBLE REGIONS. REGION 4680 HAS BEEN QUIET EXCEPT FOR AN OCCASIONAL ACTIVE FILAMENT WHILE REGION 4682 HAS BEEN QUIET COMPLETELY. THE LIMBS AND THE REST OF THE DISK ARE QUIET ALSO.

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 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED TO ACTIVE IN RESPONSE TO FILAMENT DISRUPTIONS ON 2 AUGUST.

III. EVENT PROBABILITIES 06 AUG-08 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 AUG 076

PREDICTED 06 AUG-08 AUG 076/076/075

90 DAY MEAN 05 AUG 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 AUG 011/013

ESTIMATED AFR/AP 05 AUG 005/010

PREDICTED AFR/AP 06 AUG-08 AUG 015/025-010/015-010/015

SOLTERWARN

BT