

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 236

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 AUG 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4565 (S11E04) HAS MANAGED TO SUSTAIN ITS SPOT GROUP MOST OF TODAY AND THE IMPRESSION IS THAT THE REGION IS TRYING TO BECOME DYNAMIC. THE PLAGE IS GROWING SLOWLY, SHOWS FLUCTUATIONS AND CONTAINS AN ARCH FILAMENT SYSTEM. REGION 4564 (S08W20) IS BASICALLY STABLE.

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 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED DURING THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 24 AUG-26 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 074

PREDICTED 24 AUG-26 AUG 075/076/077

90 DAY MEAN 23 AUG 093

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 AUG 002/005

ESTIMATED AFR/AP 23 AUG 007/009

PREDICTED AFR/AP 24 AUG-26 AUG 010/015-010/015-010/015

SOLTERWARN

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