

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 234

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 AUG 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4565 (S12E30) MAY HAVE LOST ITS SPOTS LEAVING 4564 (S09E08) AS THE ONLY SPOTTED REGION REMAINING ON THE VISIBLE DISK. WITH THE EXCEPTION OF AN OCCASIONAL FILAMENT BECOMING ACTIVE AND PLAGE BRIGHTNESS FLUCTUATIONS, THE DISK IS 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 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET 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 22 AUG-24 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUG 076

PREDICTED 22 AUG-24 AUG 077/078/079

90 DAY MEAN 21 AUG 094

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 AUG 011/018

ESTIMATED AFR/AP 21 AUG 007/010

PREDICTED AFR/AP 22 AUG-24 AUG 010/015-010/015-013/020

SOLTERWARN

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