

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 337

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 DEC 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4602 (N17E74) LOOKED DYNAMIC WHILE STILL ON THE LIMB BUT HAS ROTATED ONTO THE DISK AS A SMALL SIMPLE A TYPE SPOT WITH A TINY~ MODERATELY BRIGHT H-ALPHA PLAGE. REGION 4598 (S18W85) HAS STARTED A QUIET WEST LIMB PASSAGE. THE OTHER DISK FEATURES ARE SMALL AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE AT MID LATITUDES WITH BRIEF MINOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 03 DEC-05 DEC

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 DEC 079

PREDICTED 03 DEC-05 DEC 079/080/080

90 DAY MEAN 02 DEC 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 DEC 013/016

ESTIMATED AFR/AP 02 DEC 017/024

PREDICTED AFR/AP 03 DEC-05 DEC 014/020-010/020-013/020

SOLTERWARN

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