

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 241

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. THE ONLY EVENT OF SIGNIFICANCE REPORTED WAS THE DISAPPEARANCE OF A 14 DEGREE LONG FILAMENT CENTERED NEAR S38E12. THE DISK REMAINS DEVOID OF SPOTS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A SIMILAR LEVEL THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THROUGHOUT THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT UNSETTLED LEVELS THROUGH AUGUST 31ST. QUIET CONDITIONS ARE EXPECTED SEPTEMBER 1ST.

III. EVENT PROBABILITIES 30 AUG-01 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 AUG 072

PREDICTED 30 AUG-01 SEP 072/073/073

90 DAY MEAN 29 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 AUG 014/019

ESTIMATED AFR/AP 29 AUG 017/025

PREDICTED AFR/AP 30 AUG-01 SEP 010/015-010/015-005/015

SOLTERWARN

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