

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 227

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THERE HAS BEEN NO SIGNIFICANT ACTIVITY DURING THE PAST 24 HOURS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN IN THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AT ALL LATITUDES DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE AT MIDDLE LATITUDES FOR THE NEXT THREE DAYS. AT HIGH LATITUDES THE FIELD SHOULD BE UNSETTLED TO ACTIVE ON THE 16TH OF AUGUST, AND ACTIVE ON THE 17TH AND 18TH.

III. EVENT PROBABILITIES 16 AUG-18 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 AUG 067

PREDICTED 16 AUG-18 AUG 067/067/067

90 DAY MEAN 15 AUG 077

V. GEOMAGNETIC A INDICES ¹⁸

OBSERVED AFR/AP 14 AUG 022/024

ESTIMATED AFR/AP 15 AUG 015/015

PREDICTED AFR/AP 16 AUG-18 AUG 010/015-012/025-013/025

SOLTERWARN

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CORRECTED COPY

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OBSERVED AFR/AF 15 AUG 018/024

ESTIMATED AFR/AP 16th AUG 015/015

PREDICTED AFR/AF 1746 AUG-19 AUG 010/015-012/025-013/025

SOLTERWARN

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