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SDF issued at 2126UT 23 AUG 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
NUMBER 235

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 23 AUG 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z  
TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4845  
(N16E50) PRODUCED TWO C-CLASS FLARES. THIS REGION HAS DECAYED  
SLIGHTLY DURING THIS PERIOD. THE REST OF THE DISK AND LIMBS  
HAS BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW. M-CLASS ACTIVITY FROM REGION 4845 STILL  
CANNOT BE COMPLETELY DISCOUNTED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE.  
HIGH LATITUDES OBSERVED AN INTERVAL OF MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE ON 24 AUGUST AS A RESULT  
OF DISAPPEARING FILAMENT ACTIVITY ON 20 AUGUST. GENERALLY  
UNSETTLED CONDITIONS SHOULD PREVAIL FOR THE REMAINDER OF  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 AUG-26 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 090

PREDICTED 24 AUG-26 AUG 088/086/085

90 DAY MEAN 23 AUG 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 AUG 008/011

ESTIMATED AFR/AP 23 AUG 011/019

PREDICTED AFR/AP 24 AUG-26 AUG 015/020-010/015-010/015

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