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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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