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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
REF ID: A985235

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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