

HFXS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 235

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100  
TO 23/2100Z: SOLAR ACTIVITY WAS VERY LOW. A NINE DEGREE LONG  
FILAMENT DISAPPEARED FROM S30E15 BY 23/1237Z.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW. NO RETURNING REGION PROVIDES SIGNIFICANT ACTIVITY  
POTENTIAL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:  
THE GEOMAGNETIC FIELD WAS ACTIVE. MINOR STORM CONDITIONS  
OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE FIELD IS EXPECTED TO BE  
UNSETTLED TO ACTIVE. A WEAK, RECURRENT CORONAL HOLE AT CENTRAL  
MERIDIAN TODAY IS EXPECTED TO START AN ACTIVE DISTURBANCE ON  
THE THIRD DAY (26 AUG).

III. EVENT PROBABILITIES 24 AUG-26 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 071

PREDICTED 24 AUG-26 AUG 072/073/074

90 DAY MEAN 23 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 AUG 018/035

ESTIMATED AFR/AP 23 AUG 018/025

PREDICTED AFR/AP 24 AUG-26 AUG 011/020-009/020-016/025

SOLTERWARN

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