

HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 236

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY WAS VERY LOW. A 10 DEGREE LONG FILAMENT DISAPPEARED FROM S12W54 BY 24/1209Z. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST AND SECOND DAYS (25-26 AUG), WITH AN ACTIVE DISTURBANCE EXPECTED TO START LATE ON THE SECOND DAY AND CONTINUE THROUGH THE THIRD DAY (27 AUG). THIS DISTURBANCE IS BASED ON A WEAK, RECURRENT CORONAL HOLE THAT WAS AT CENTRAL MERIDIAN YESTERDAY (23 AUG). MINOR STORM CONDITIONS ARE EXPECTED AT HIGH LATITUDES.

III. EVENT PROBABILITIES 25 AUG-27 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 AUG 071

PREDICTED 25 AUG-27 AUG 072/073/074

90 DAY MEAN 24 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 AUG 018/024

ESTIMATED AFR/AP 24 AUG 013/015

PREDICTED AFR/AP 25 AUG-27 AUG 009/020-016/025-026/030

SOLTERWARN

BT