

HFUS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 250

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4575 (N11W66) PRODUCED A B6/ON EVENT AT 6/1954Z. IT HAD ARCHED FILAMENT SYSTEM AND POINT BRIGHTENINGS. TWO DISAPPEARING FILAMENTS WERE REPORTED. ONE AT S13, CAR-100 OF 5 DEGREES AND OTHER AT N11, CAR-106 OF 2 DEGREES. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO RETURNING REGIONS OF SIGNIFICANT POTENTIAL ARE EXPECTED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: GEOMAGNETIC ACTIVITY WAS AT MINOR STORM TO ACTIVE LEVELS. THIS WAS THE LAST OF THE DISTURBANCE STARTED AT 04/0746Z ATTRIBUTED TO DISAPPEARING FILAMENTS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE ACTIVE. OCCASIONAL MINOR STORM LEVELS ARE POSSIBLE AT HIGH LATITUDES DURING NIGHT-TIME PERIODS.

III. EVENT PROBABILITIES 07 SEP-09 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7-CM FLUX

OBSERVED 06 SEP 085

PREDICTED 07 SEP-09 SEP 083/080/077

90 DAY MEAN 06 SEP 090

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 SEP 036/061

ESTIMATED AFR/AP 06 SEP 014/015

PREDICTED AFR/AP 07 SEP-09 SEP 019/020-019/020-018/020

SOLTERWARN

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