

HFUS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 065

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 MAR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THERE ARE NO SPOTTED OR SIGNIFICANT PLAGE REGIONS ON THE VISIBLE DISK. THE ONLY LIMB ACTIVITY REPORTED WAS AN ACTIVE PROMINENCE ON THE WEST LIMB (N04) EARLY IN THE DAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS, WITH ISOLATED PERIODS AT MINOR TO MAJOR STORM LEVELS. THIS ACTIVITY IS RECURRENT AND IS ATTRIBUTED TO THE EFFECTS OF A POSITIVE-POLARITY CORONAL HOLE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO PERSIST AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07 MAR-09 MAR

CLASS M . 01/01/01

CLASS X . 01/01/01

PROTON . 01/01/01

PCAF . GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED . . 06 MAR . 069

PREDICTED . . 07 MAR-09 MAR . 070/070/070

90 DAY MEAN . . 06 MAR . 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 MAR . 028/038

ESTIMATED AFR/AP 06 MAR . 017/025

PREDICTED AFR/AP 07 MAR-09 MAR . 015/020-015/020-015/020

SOLTERWARN

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