

HFUS 3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 006

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 JAN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. NUMEROUS MINOR X-RAY BURSTS HAVE OCCURRED; THE LARGEST OF WHICH WAS A C1. REGIONS 4388 (S11E15) AND 4389 (S03E65) REMAIN ON THE DISK AS SPOTTED REGIONS. REGION 4390 (S10E03) IS EMERGING WEAKLY TODAY. ALL REGIONS ARE SIMPLE IN STRUCTURE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETTLED TO ACTIVE. N - O - T - E: RECEPTION OF DATA FROM THE ISEE-3 SPACECRAFT FOR SESC WAS INTERRUPTED ON 05 JANUARY. THIS INFORMATION WILL BE UNAVAILABLE UNTIL FURTHER NOTICE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE FIELD IS EXPECTED TO BE GENERALLY ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 JAN-09 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JAN 089

PREDICTED 07 JAN-09 JAN 088/087/087

90 DAY MEAN 06 JAN 097

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 JAN 023/028

ESTIMATED AFR/AP 06 JAN 012/020

PREDICTED AFR/AP 07 JAN-09 JAN 015/020-020/025-020/025

SOLTERWARN

BT