

HFXS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 096

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. SLIGHT GROWTH IN REGION 4642 (S21W13) IS THE ONLY CHANGE NOTED IN THE TWO VISIBLE DISK REGIONS. ONE SUBFLAKE WAS ALSO NOTED IN 4642. THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD WAS QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 07 APR-09 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 APR 070

PREDICTED 07 APR-09 APR 070/070/070

90 DAY MEAN 06 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 APR 007/011

ESTIMATED AFR/AP 06 APR 005/008

PREDICTED AFR/AP 07 APR-09 APR 008/010-008/010-008/010

SOLTERWARN

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