

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 098

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 APR 1985

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4642 (S22W39) HAS LOST ITS SPOTS BUT NOT ITS PLAGE. REGIONS 4640 (S28W49) AND 4643 (S16E08) APPEARED AS PLAGE REGIONS ONLY. REGION 4644 (S03W11), A BXD TYPE IN WHITE LIGHT WITH A BETA MAGNETIC CLASSIFICATION, WAS THE ONLY NEW REGION NUMBERED TODAY.

I B. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO RETURNING REGIONS ARE EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY.

II A. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 09 APR-11 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 APR 070

PREDICTED 09 APR-11 APR 070/070/070

90 DAY MEAN 08 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 APR 007/011

ESTIMATED AFR/AP 08 APR 006/011

PREDICTED AFR/AP 09 APR-11 APR 008/010-008/015-010/015

SOLTERWARN

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