

HFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 062

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 MAR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY HAS REMAINED VERY LOW. THE ONLY VISIBLE REGION WAS 4629 (N04W90) WHICH WAS LAST REPORTED AT 03/0127 AS AN AXX GROUP. NO NEW REGIONS WERE NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH SOME MINOR STORM CONDITIONS BETWEEN 0430 AND 0730Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE ON THE 4TH OF MARCH. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED TO PREDOMINATE ON THE 5TH WITH ACTIVE CONDITIONS EXPECTED ON THE 6TH. THIS ACTIVITY IS EXPECTED TO RESULT FROM A CORONAL HOLE WHOSE LEADING EDGE CROSSED CENTRAL MERIDIAN LATE ON MARCH 1ST.

III. EVENT PROBABILITIES 04 MAR-06 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAR 070

PREDICTED 04 MAR-06 MAR 070/070/070

90 DAY MEAN 03 MAR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAR 019/024

ESTIMATED AFR/AP 03 MAR 013/018

PREDICTED AFR/AP 04 MAR-06 MAR 019/020-025/030-019/025

SOLTERWARN

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