

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 075

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 MAR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100 TO 16/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4633 (S12E44) DEVELOPED SINCE YESTERDAY INTO A BXO SPOT GROUP IN WHITE LIGHT AND A BETA-TYPE MAGNETIC CLASSIFICATION. NO OTHER SPOTTED REGIONS WERE VISIBLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO RETURNING REGIONS ARE EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. ISOLATED PERIODS OF ACTIVE TO MINOR STORM CONDITIONS OCCURRED AT SOME HIGH LATITUDE STATIONS IN THE SECOND HALF OF THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED.

III. EVENT PROBABILITIES 17 MAR-19 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAR 071

PREDICTED 17 MAR-19 MAR 071/072/072

30 DAY MEAN 16 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 MAR 012/019

ESTIMATED AFR/AP 16 MAR 012/014

PREDICTED AFR/AP 17 MAR-19 MAR 010/015-012/015-012/015

SOLTERWARN

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