

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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