

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 074

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 15 MAR 1985

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS VERY LOW. SURGING WAS REPORTED ON THE WEST LIMB NEAR WHERE REGION 4632 (N08W90) EXITED THE DISK. A SHORT LIVED BRIGHT SURGE ON THE DISK (BSD) AT (S10E82) EXTENDED .01 SOLAR RADII FROM THE EAST LIMB. THIS BSD COULD POSSIBLY SIGNAL THE APPEARANCE OF A NEW REGION. NO SPOTS ARE AS YET ASSOCIATED WITH THIS ACTIVITY. NO NEW REGIONS WERE NUMBERED TODAY.

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

II A. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. AN ISOLATED DISTURBANCE FROM 0600-1200UT YIELDED ACTIVE TO MINOR STORM CONDITIONS AT ALL LATITUDES.

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

III. EVENT PROBABILITIES 16 MAR-18 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAR 070

PREDICTED 16 MAR-18 MAR 071/072/073

30 DAY MEAN 15 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 MAR 005/009

ESTIMATED AFR/AP 15 MAR 014/019

PREDICTED AFR/AP 16 MAR-18 MAR 014/020-012/015-012/015

SOLTERWARN

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