

HFUS3 BOU 112200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 070

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 11 MAR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. DURING THIS INTERVAL REGION 4631 (S18E25) REDEVELOPED ITS SMALL SPOT GROUP AND A NEW REGION DEVELOPED NEAR N08W43. THIS REGION IS A SMALL B TYPE GROUP AND IS NUMBERED 4632. SMALL SURGES WERE NOTED ON THE WEST LIMB NEAR S09 WHILE THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 MAR-14 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAR 071

PREDICTED 12 MAR-14 MAR 072/072/072

30 DAY MEAN 11 MAR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 MAR 010/011

ESTIMATED AFR/AP 11 MAR 009/012

PREDICTED AFR/AP 12 MAR-14 MAR 010/015-010/015-010/010

SOLTERWARN

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