

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 045

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 14 FEB 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100 TO 14/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4626 (S10W00) SHOWS DEFINITE SIGNS OF DECAY. THE PLAGE IS BECOMING MORE SCATTERED AND THE SPOT AREA IS LESS THAN YESTERDAY. A SMALL B TYPE SPOT GROUP DEVELOPED NEAR S07E20 AND IS NUMBERED REGION 4627. THE REST OF THE DISK AND THE 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 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO SLIGHTLY ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO OCCASIONALLY ACTIVE LEVELS FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 15 FEB-17 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 FEB 072

PREDICTED 15 FEB-17 FEB 072/073/072

90 DAY MEAN 14 FEB 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 FEB 007/010

ESTIMATED AFR/AP 14 FEB 015/015

PREDICTED AFR/AP 15 FEB-17 FEB 010/015-010/015-012/015

SOLTERWARN

BT