

HFUS3 BOU 152200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 046
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 15 FEB 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4627 (S07E03) LOST ITS SPOTS AND FADED BACK TO A SMALL DIM PLAGE. THE SPOTS IN REGION 4626 (S10W12) REMAIN SMALL ALTHOUGH SOME NEW EMERGENCE WAS NOTED IN THE TRAILER SECTION. ACTIVITY CONTINUES TO BE NOTED IN THE PROMINENT FILAMENT TO THE SOUTHEAST OF REGION 4626. 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 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 16 FEB-18 FEB

CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	15 FEB	072
PREDICTED	16 FEB-18 FEB	072/073/072
90 DAY MEAN	15 FEB	076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	14 FEB	015/017
ESTIMATED AFR/AP	15 FEB	011/015
PREDICTED AFR/AP	16 FEB-18 FEB	010/015-012/015-012/015

SOLTERWARN

BT