

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