

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 260

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 16 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100  
TO 16/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. HOWEVER, THE DISK DID MANAGE TO GENERATE TWO  
SMALL SPOT GROUPS. ONE OF THE GROUPS WAS THE REGENERATION OF AN  
A TYPE SPOT IN OLD REGION 4577 (N13W50) AND THE OTHER IS A NEW,  
RATHER WEAK B TYPE GROUP LOCATED AT N14E28 AND IS NUMBERED  
REGION 4578.

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 15/2100Z TO 16/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN UNSETTLED THROUGH 17 SEPT BUT UNSETTLED TO  
ACTIVE CONDITIONS ARE LIKELY ON 18 AND 19 SEPT.

III. EVENT PROBABILITIES 17 SEP-19 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEP 073

PREDICTED 17 SEP-19 SEP 074/075/075

90 DAY MEAN 16 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 SEP 010/012

ESTIMATED AFR/AP 16 SEP 011/012

PREDICTED AFR/AP 17 SEP-19 SEP 010/010-018/010-015/015

SOLTERWARN

BT