

HFUS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 261

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 17 SEP 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100  
TO 17/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. THE TWO SPOT GROUPS THAT FORMED YESTERDAY WERE  
SHORT-LIVED AND THE DISK IS ONCE AGAIN SPOTLESS.

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 16/2100Z TO 17/2100Z:  
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST 24  
HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS DUE  
TO FILAMENT ACTIVITY AND THE COROTATING RECURRENCE PATTERN.

III. EVENT PROBABILITIES 18 SEP-20 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEP 074

PREDICTED 18 SEP-20 SEP 074/075/075

90 DAY MEAN 17 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 SEP 008/009

ESTIMATED AFR/AP 17 SEP 010/010

PREDICTED AFR/AP 18 SEP-20 SEP 018/010-015/015-015/025

SOLTERWARN

BT