

HFUS3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 304

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 31 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100  
TO 31/2100Z: SOLAR ACTIVITY HAS CONTINUED TO BE VERY LOW FOR THE  
PAST 24 HOURS. THE DISK IS VOID OF SPOTS AND THERE ARE NO  
SIGNIFICANT FEATURES PRESENT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN VERY LOW THROUGH THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST  
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED TO ACTIVE THROUGH THE FORECAST PERIOD.  
THE INCREASE IN THE FIELD ACTIVITY LEVEL IS DUE PRIMARILY TO  
RECURRENT PATTERNS.

III. EVENT PROBABILITIES 01 NOV-03 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 OCT 071

PREDICTED 01 NOV-03 NOV 069/068/068

90 DAY MEAN 31 OCT 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 OCT 004/008

ESTIMATED AFR/AP 31 OCT 005/008

PREDICTED AFR/AP 01 NOV-03 NOV 015/015-015/020-015/020

SOLTERWARN

BT