

HFUS3 BOU 072200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 341

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 07 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100  
TO 07/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4706  
(N20W58) HAS DECAYED IN WHITE LIGHT AND H-ALPHA. REGION 4707  
(N08E05) ALSO DECLINED, AND IS NOW A SPOTLESS PLAGE. NO FLARE  
ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY  
LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z:  
THE GEOMAGNETIC FIELD WAS AT QUIET TO UNSETTLED LEVELS THE PAST  
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD  
SHOULD FLUCTUATE BETWEEN UNSETTLED AND ACTIVE CONDITIONS FOR  
THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 08 DEC-10 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 DEC 074

PREDICTED 08 DEC-10 DEC 074/073/073

90 DAY MEAN 07 DEC 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 DEC 006/008

ESTIMATED AFR/AP 07 DEC 006/009

PREDICTED AFR/AP 08 DEC-10 DEC 010/010-010/015-015/020

SOLTERWARN

PT