

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 359

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 25 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100  
TO 25/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE SUN IS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BECOME ACTIVE ON THE 26TH, WITH SOME PERIODS AT  
MINOR STORM LEVELS NEAR THE END OF THE DAY. ACTIVE TO MINOR  
STORM LEVELS ARE EXPECTED TO PREDOMINATE ON THE 27TH, AND  
ACTIVE TO UNSETTLED LEVELS ARE EXPECTED TO RETURN ON THE 28TH.

III. EVENT PROBABILITIES 26 DEC-28 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 DEC 070

PREDICTED 26 DEC-28 DEC 069/068/068

90 DAY MEAN 25 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 DEC 009/012

ESTIMATED AFR/AP 25 DEC 006/012

PREDICTED AFR/AP 26 DEC-28 DEC 023/030-027/030-015/015

SOLTERWARN

BT