

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 362

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 28 DEC 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100  
TO 28/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS  
DEVOID OF SPOTS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS THE PAST 24  
HOURS. MINOR STORM CONDITIONS HAVE PREVAILED AT MID-LATITUDES,  
WHILE MAJOR STORM THRESHOLDS WERE ATTAINED AT HIGH-LATITUDE  
SITES FROM 0430 TO 1200Z. THIS STORM IS IN RESPONSE TO  
RECURRENT STRUCTURE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD WILL  
REMAIN AT STORM CONDITIONS THROUGH DECEMBER 29TH. UNSETTLED TO  
ACTIVE LEVELS ARE FORECAST DECEMBER 30TH AND 31ST.

III. EVENT PROBABILITIES 29 DEC-31 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 DEC 069

PREDICTED 29 DEC-31 DEC 068/068/068

90 DAY MEAN 28 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 DEC 011/014

ESTIMATED AFR/AP 28 DEC 034/043

PREDICTED AFR/AP 29 DEC-31 DEC 030/030-015/020-010/020

SOLTERWARN

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