

HFUS3 BOU 012200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 001

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 01 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100  
TO 01/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS  
SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL REMAIN VERY  
LOW THROUGHOUT THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY ACTIVE. OCCASIONAL  
PERIODS OF MINOR STORM CONDITIONS WERE OBSERVED AT  
HIGH-LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE MAINLY QUIET TO UNSETTLED FOR THE NEXT THREE  
DAYS. SHORT-LIVED ACTIVE CONDITIONS MAY OCCUR JANUARY 2ND.

III. EVENT PROBABILITIES 02 JAN-04 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JAN 069

PREDICTED 02 JAN-04 JAN 070/070/071

90 DAY MEAN 01 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 DEC 024/022

ESTIMATED AFR/AP 01 JAN 016/030

PREDICTED AFR/AP 02 JAN-04 JAN 010/015-005/010-005/010

SOLTERWARN

BT

HXUS BOU 012200

PREDM 00102 00103 00104

PREDX 00102 00103 00104

PREDP 00102 00103 00104

PCAFT 00102

TENCM 07002 07003 07104

AFRED 01002 00503 00504

AFAPF 01502 01003 01004

BT