

FUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 002

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 02 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100  
TO 02/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
CONTINUE AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE WITH OCCASIONAL  
STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE QUIET TO UNSETTLED WITH OCCASIONAL ACTIVE  
CONDITIONS.

III. EVENT PROBABILITIES 03 JAN-05 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JAN 070

PREDICTED 03 JAN-05 JAN 070/070/070

90 DAY MEAN 02 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 JAN 018/029

ESTIMATED AFR/AP 02 JAN 014/027

PREDICTED AFR/AP 03 JAN-05 JAN 010/015-005/010-005/015

SOLTERWARN

BT

HXUS BOU 022200

PREDM 00103 00104 00105

PREDX 00103 00104 00105

PREDP 00103 00104 00105

PCAFT 00103

TENCM 07003 07004 07005

AFRED 01003 00504 00505

AFAPF 01503 01004 01505

BT