

HFUS 1 BOU 111300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 011A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 11 JAN 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
10/1200Z TO 11/1200Z: SOLAR ACTIVITY IS LOW. NONE OF THE VISIBLE  
DISK FEATURES SHOW SIGNS OF DYNAMIC BEHAVIOR. THE LARGEST  
REGION, 4046 (S15W90), IS ROTATING OVER THE WEST LIMB AND THE  
NEW REGION IN THE SOUTHEAST, 4053 (S18E74), IS A SMALL, SIMPLE  
D-TYPE GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD  
RETURNED TO UNSETTLED TO ACTIVE CONDITIONS AFTER THE STORM  
LEVELS OF EARLY 10 JANUARY. GENERALLY UNSETTLED CONDITIONS  
SHOULD CONTINUE.

III. EVENT PROBABILITIES 12 JAN-14 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JAN 149

ESTIMATED 11 JAN 149

PREDICTED 12 JAN-14 JAN 145/140/135

90 DAY MEAN 10 JAN 176

V. GEOMAGNETIC A INDICES

OBSERVED AFR 09 JAN 015 AP 10 JAN 072

ESTIMATED AFR 10 JAN 060 AFR/AP 11 JAN 511/020

PREDICTED AFR/AP 12 JAN-14 JAN 010/015-010/020-008/020

SOLTERWARN

BT

NNNNZCVZGVZLVZOVZSV

NNNNZCVZGVZLVZOVZSV

NNNNZCVZGVZLVZOUU

KBOU

HFUS 3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO.

SDF NUMBER 011B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 JAN 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/1200Z TO 11/2100Z: SOLAR ACTIVITY CONTINUED LOW DURING THIS PERIOD WITH THE LARGEST EVENT OBSERVED A C1/SF FROM REGION 4054 (S17W38) AT 1829UT. NEW REGION TODAY 4059 (N15E26) A SIMPLE C TYPE. THE REST OF THE REGIONS LITTLE CHANGED THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THIS FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMANETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE THIS PERIOD. THE FIELD IS EXPECTED TO BE GENERALLY UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 12 JAN-14 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. TITAWA 10.7 CM FLUX

OBSERVED 11 JAN 144

PREDICTED 12 JAN-14 JAN 140/136/130

90 DAY MEAN 11 JAN 176

V. GEOMAGNETIC A INDICES

OBSERVED APR/AP 10 JAN 056/0 72

ESTIMATED APR/AP 11 JAN 008/010

PREDICTED APR/AP 12 JAN-14 JAN 010/010-010/015-008/015

SOLTERWARN

BT

NNNNZSV

NNNNZCVZGVZLVZOVZSV