

HFUS 3 BOU 011405

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 001A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1200UT 01 JAN 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS FROM 01/1200UT TO 02/1200UT:  
SOLAR ACTIVITY HAS BEEN MODERATE, AND HAS DECLINED STILL FURTHER  
FROM THE LEVEL DURING LAST PERIOD. CURRENTLY 13 REGIONS ARE  
OBSERVED ON THE DISK, ALL RELATIVELY SMALL, LOW SPOT COUNT, MAG-  
NETICALLY FAIRLY SIMPLE. ONLY SUBFLARES WITH CLASS C XRAY AND  
LOW LEVEL CENTIMETRIC ACTIVITY HAS BEEN OBSERVED. REGIONS CONTRI-  
BUTING TO ACTIVITY IN RECENT HOURS HAVE BEEN 2865 (N22W34), 2866  
(N15W47), 2870 (N13W64).

IB. SOLAR ACTIVITY FORECAST:  
SOLAR ACTIVITY MAY BE EXPECTED TO DECLINE TO LOW LEVELS DURING  
THE FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST:  
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND CAN BE EXPECTED TO  
REMAIN UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES: 02-04 JAN

CLASS M 50/50/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 31 DEC 206

ESTIMATED 1 JAN 203

PREDICTED 02-04 JAN 198/194/190

90 DAY MEAN 31 DEC 218

V. GEOMAGNETIC A INDICES

OBSERVED AFR 30 DEC 13 AP 31 DEC 10

ESTIMATED AFR/AP 01 JAN 11/12

PREDICTED AFR/AP 02-04 JAN 10/06 08/06 06/07

SOLTERWARN

BT

HFUS 3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 001B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200UT 01 JANUARY 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/12 00UT  
TO 01/22 00UT:

SOLAR ACTIVITY HAS BEEN LOW SINCE 1200UT, WITH ONLY FOUR SMALL  
SUBFLARES REPORTED. THREE SMALL NEW REGIONS, 2872 (N04W38),  
2873 (N08E01) AND 2874 (S14E05), WERE NUMBERED TODAY. NO  
ACTIVITY HAS BEEN OBSERVED IN ANY OF THESE REGIONS.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO DECLINE TO LOW LEVELS DURING THE  
FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO  
REMAIN UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES: 02 - 04 JANUARY

CLASS M 50/50/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 01 JAN 198

PREDICTED 02-04 JAN 198/194/190

90 DAY MEAN 01 JAN 218

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 DEC 14/10

ESTIMATED AFR/AP 01 JAN 11/12

PREDICTED AFR/AP 02-04 JAN 10/10 08/08 06/07

SOLIERWARN

BT