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HFUS 1 BOU 221400  
FROM SPACE ENVIRONMENTAL SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 022A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1200UT 22 JAN 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
21/1200UT TO 22/1200UT:

SOLAR ACTIVITY HAS REMAINED AT LOW LEVELS, FEWER THAN HALF  
A DOZEN SUBFLARES WERE OBSERVED DURING THIS PERIOD. THERE  
ARE NOW TEN SPOTTED REGIONS ON THE DISK.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY SHOULD STAY AT LOW LEVELS. HOWEVER, WITH THE  
NUMBER OF SPOTTED REGIONS UP TO TEN NOW, AND WITH MOST OF  
THESE REGIONS STILL ON THE EASTERN HEMISPHERE, THERE IS SLIGHT  
HOPE FOR AN INCREASE IN ACTIVITY DURING THE NEXT 72 HOURS.

II. GEO PHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN QUIET AND THERE IS NO REASON TO  
EXPECT ANY CHANGES.

III. EVENT PROBABILITIES: 23-25 JAN

CLASS M 10/15/15

CLASS X 01/01/01

PREDICTED 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 21 JAN 162

ESTIMATED 22 JAN 160

PREDICTED 23-25 JAN 160/162/164

90 DAY MEAN 21 JAN 208

V. GEOMAGNETIC INDICES

OBSERVED AFR 20 JAN 03 AFR 21 JAN 04

ESTIMATED AFR 21 JAN 03 AFR/AP 22 JAN 04/06

PREDICTED AFR/AP 23-25 JAN 05/08 05/08 05/08

SOLTERWARN

BT

HFUS 3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 0228

JOINT USAF/NASA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200UT 22 JAN 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/1200UT  
TO 22/2200UT - SOLAR ACTIVITY HAS BEEN LOW WITH THE X-RAY FLUX  
REMAINING BELOW C1 LEVEL DURING THE PAST 10 HOURS.

IB. SOLAR ACTIVITY FORECAST - SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST - THE GEOMAGNETIC FIELD  
HAS BEEN QUIET TO UNSETLED. THESE CONDITIONS ARE EXPECTED TO  
PERSIST THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23-25 JAN

CLASS M 10/15/15

CLASS X 01/01/01

PREDICTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JAN 161

PREDICTED 23-25 JAN 160/162/164

90-DAY MEAN 22 JAN 207

V. GEOMAGNETIC INDICES

OBSERVED AFR/AP 21 JAN 02/04

ESTIMATED AFR/AP 22 JAN 09/08

PREDICTED AFR/AP 23-25 JAN 05/08 - 05/08

SOLIERWARN

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