

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 327

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 NOVEMBER 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW TO LOW. WEATHER HAS HAMPERED  
OPTICAL OBSERVATIONS. HOWEVER, X-RAY SENSORS INDICATE NO SOLAR  
ACTIVITY. ALL DISK REGIONS ARE SIMPLE IN STRUCTURE. REGION 1414  
(S12W25) IS SLOWLY EMERGING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE GEOMAGNETIC  
FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 24-26 NOVEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 NOV 126

PREDICTED 24-26 NOV 128/130/135

90-DAY MEAN 23 NOV 155

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 NOV 22

ESTIMATED AFR/AP 23 NOV 07/07

PREDICTED AFR/AP 24-26 NOV 12/15 - 14/25 - 12/20

SOLTERWARN

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HFUS 1 BOU 232200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
SDF NUMBER 327

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 NOVEMBER 1979

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW DURING THE PAST 24 HOURS.  
FEWER THAN HALF A DOZEN C-CLASS SUBFLARES HAVE BEEN SEEN AMONG  
THE NINE SPOTTED REGIONS ON THE DISK. THE LARGEST X-RAY BURST WAS  
A C8 BURST WITH A MAXIMUM AT 23/1213Z. NO ACCOMPANYING OPTICAL  
FLARE WAS REPORTED WITH THE X-RAYS. THREE NEW SPOTTED REGIONS HAVE  
APPEARED TODAY BUT NONE NOW APPEAR DYNAMIC. REGION 2138  
(S25W03) HAS GROWN SINCE YESTERDAY AND INCREASED IN COMPLEXITY.  
IT IS STILL THE MOST THREATENING REGION ON THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THERE IS A CHANCE  
OF AN ISOLATED M-CLASS FLARE FROM REGION 2138.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.  
THE FIELD IS EXPECTED TO REMAIN GENERALLY QUIET DURING THE NEXT 72  
HOURS.

III. EVENT PROBABILITIES 24 NOVEMBER -26 NOVEMBER

CLASS M 35/35/40

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 NOVEMBER 188

PREDICTED 24-26 NOVEMBER 189/190/191

90-DAY MEAN 23 NOVEMBER 220

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 22 NOVEMBER 01

ESTIMATED AFR/AP 23 NOVEMBER 03/05

PREDICTED AFR/AP 24-26 NOVEMBER 05/07 05/07 07/08

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