

HFUS 1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 326

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 22 NOVEMBER 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. ONLY A FEW  
SMALL C-CLASS X-RAY EVENTS HAVE BEEN OBSERVED (NO OPTICAL FLARES  
REPORTED). REGION 1403 (S18W11) HAS SHOWN SOME GROWTH AND IS NOW  
A D TYPE GROUP. REGION 1412 (N15E09) HAS ROTATED FARTHER ONTO  
THE DISK AND NOW APPEARS AS A D TYPE GROUP. NEW REGION 1413  
(S20W48) IS AN A TYPE GROUP WITH ONE SMALL SPOT. REMAINING  
REGIONS ARE STABLE AND UNINTERESTING.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS.  
ALTHOUGH SEVERAL REGIONS ARE PRESENT ON THE DISK, ALL ARE MAG-  
NETICALLY SIMPLE AND ARE EITHER STABLE OR HAVE SHOWN ONLY SLIGHT  
GROWTH.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24 HOURS.  
THE GEOMAGNETIC DISTURBANCE APPEARS TO HAVE SUBSIDED. UNSETTLED  
CONDITIONS ARE EXPECTED FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 23-25 NOVEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX:

OBSERVED 22 NOVEMBER 130

PREDICTED 23-25 NOVEMBER 130/132/134

90-DAY MEAN 22 NOVEMBER 155

V. GEOMAGNETIC A INDICES

OBSERVED, FREDERICKSBURG 21 NOVEMBER 12

ESTIMATED AFR/AP 22 NOVEMBER 12/28

PREDICTED AFR/AP 23-25 NOVEMBER 10/20 - 07/18 - 07/15

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SDF NUMBER 326

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 22 NOVEMBER 1979

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW DURING THE PAST 24 HOURS.  
A DOZEN FAINT C-CLASS SUBFLARES WERE NOTED DURING THAT PERIOD.  
NONE OF THESE FLARES OCCURRED IN REGION 2138 (S25E10), BUT THIS  
REGION HAS EXPERIENCED DRAMATIC GROWTH AND OFFERS THE BEST PROSPECTS  
FOR M-CLASS FLARES DURING THE NEXT FEW DAYS. OTHER REGIONS ARE  
MORE OR LESS STABLE AND THERE ARE NO SIGNS OF ACTIVITY SWINGING  
INTO VIEW OVER THE EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE GENERALLY LOW DURING  
THE FORECAST PERIOD. THERE IS THE POSSIBILITY OF AN ISOLATED  
M-CLASS FLARE FROM REGION 2138.

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

III. EVENT PROBABILITIES 23 NOVEMBER - 25 NOVEMBER

CLASS M 40/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 NOVEMBER 187

PREDICTED 23-25 NOVEMBER 184/182/181

90-DAY MEAN 22 NOVEMBER 221

V. GEOMAGNETIC A INDICES

OBSERVED FRÉDERICKSBURG 21 NOVEMBER 05

ESTIMATED AFR/AP 22 NOVEMBER 03/05

PREDICTED AFR/AP 23-25 NOVEMBER 07/08 05/07 07/07

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