

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

I A. 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 (N15E69) 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.

I B. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS. ALTHOUGH SEVERAL REGIONS ARE PRESENT ON THE DISK, ALL ARE MAGNETICALLY 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 01/05/05

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 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

SOLTERWARN

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4FUS 1 BOU 222200

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SDF NUMBER 326

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 22 NOVEMBER 1979

I A. 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.

I B. 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 21/01/01

PREDICTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 NOVEMBER 187

PREDICTED 23-25 NOVEMBER 184/182/181

96-DAY MEAN 22 NOVEMBER 221

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 21 NOVEMBER 05

ESTIMATED AFR/AP 22 NOVEMBER 03/05

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

SOLARFLARE

BT