

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO
SDF NUMBER 330

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 NOVEMBER 1978

I A. SOLAR ACTIVITY HAS BEEN LOW DURING THE LAST 24 HOURS. ONLY A FEW OPTICAL SUBFLARES HAVE BEEN OBSERVED (NO ASSOCIATED XRAY EVENTS). REGION 1417 (N14E60), HAS CONTINUED TO GROW AND IS NOW AN E TYPE GROUP. SEVERAL NEW REGIONS HAVE APPEARED ON THE DISK. REGIONS 1424 (N16E53) 1425 (N18E66) 1426 (N22E73) AND 1427 (N27E75) ARE H TYPE GROUPS. REGIONS 1420 (N13W28) 1421 (N09W13) 1422 (S22W22) AND 1423 (N13E24) ARE B TYPE GROUPS. AT PRESENT THERE ARE 16 SPOTTED REGIONS ON THE DISK. MOST ARE SMALL AND STABLE.

I B. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS. REGIONS 1416 (N10E41) AND 1417 (N14E60) ARE LARGE GROUPS WHICH COULD PRODUCE ENERGETIC EVENTS. NEW ACTIVITY IN THE NE QUADRANT IS ALSO WORTH WATCHING.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS. ACTIVE CONDITIONS ARE EXPECTED FOR MOST OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES, 27 - 29 NOVEMBER

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 NOVEMBER 136

PREDICTED 27 - 29 NOVEMBER 140/142/144

90-DAY MEAN 26 NOVEMBER 156

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 25 NOVEMBER 37

ESTIMATED AFR/AP 26 NOVEMBER 27/30

PREDICTED AFR/AP 27 - 29 NOVEMBER 20/20 + 16/18 - 13/15

SOLTERWARN

BT

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLORADO.

SDF NUMBER 330

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 NOV 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 2138 (S27W40) CONTINUES
TO DECAY AND HAS LOST ITS DELTA MAGNETIC CONFIGURATION. THREE
ADDITIONAL REGIONS WERE NUMBERED DURING THE PAST 24 HOURS: REGION
2149 (S17E73) A SMALL "H" TYPE, REGION 2150 (S19W35) A SMALL
"A" TYPE AND REGION 2152 (N10E2) ALSO A SMALL "A" TYPE. AN
IMPORTANCE M-FLARE WITH MULTIPLE MAXIMUMS WAS OBSERVED IN REGION
2134 (S17W57) AT 0046Z BUT THE XRAY EMISSION WAS ONLY A C-2.
EXCEPT FOR THE NEW REGIONS MENTIONED ABOVE, THE GENERAL TREND OF
THE DISK IS ONE OF DECAY.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO OCCASIONALLY
UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27 NOV - 29 NOV

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 NOV 166

PREDICTED 27-29 NOV 164/162/160

90-DAY MEAN 26 NOV 219

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 NOV 08

ESTIMATED AFR/AP 26 NOV 03/05

PREDICTED AFR/AP 27-29 NOV 06/12 08/10 08/10

SOLARTELEGRAM

BT