

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 177

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

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST 24 HOURS. REGION 1828 (N14E54) PRODUCED A C6/1F FLARE AT 0716 UT. REGION 1826 (N11W69) HAS PRODUCED TWO SN FLARES, NO X-RAY, WITH MAXIMUM AT 1545 UT AND 1648 UT AND A C2/SN FLARE AT 2059 UT. REGION 1816 (N18W53) PRODUCED A SN FLARE, NO X-RAY, AT 1646 UT. A C7 X-RAY, WITH MINOR RADIO BUT NO OPTICAL CORRELATION, OCCURRED AT 1022 UT. NEW REGIONS 1831 (S28W70) IS A SIMPLE A-TYPE, 1832 (N18E59) IS A D-TYPE GROUP WITH STRONG ARCH FILAMENTS. REGION 1833 (S19E49) IS A B-TYPE GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD CONTINUE UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 JUNE - 29 JUNE

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUNE 149

PREDICTED 27-29 JUNE 156/163/170

90-DAY MEAN 26 JUNE 175

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JUNE 08

ESTIMATED AFR/AP 26 JUNE 14/20

PREDICTED AFR/AP 27-29 JUNE 10/12 - 08/08 - 08/08

SOLTERWARN

BT