

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 176

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JUNE 1979

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST 24 HOURS. REGION 1807 (N20W110) PRODUCED AN ERUPTIVE PROMINENCE ACCOMPANIED WITH A M1 CLASS X-RAY FLARE AT 0536 UT. REGION 1816 (N18W39) PRODUCED A SUBFAINT FLARE WHICH OCCURRED AT 0615 UT. A C7 X-RAY, NO OPTICAL, OCCURRED AT 0810 UT. NEW REGIONS ARE 1829 (N23W12) SIMPLE C-TYPE AND 1830 (S19E31) IS A SMALL A-TYPE GROUP. REGION 1818 (S07W25) HAS SHOWN SOME DECAY IN AREA AND IS LESS COMPLEX MAGNETICALLY. REGION 1828 (N16E67) HAS NEW SPOTS NORTH OF THE MAIN LEADER. THIS MAY BE A NEW REGION, HOWEVER, LIMB PROXIMITY PREVENTS DETAILED ANALYSIS.

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

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

III. EVENT PROBABILITIES 26 JUNE - 28 JUNE

CLASS M 20/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUNE 143

PREDICTED 26-28 JUNE 149/155/160

90-DAY MEAN 25 JUNE 176

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JUNE 09

ESTIMATED AFR/AP 25 JUNE 10/11

PREDICTED AFR/AP 26-28 JUNE 10/10 - 10/10 - 08/08

SOLTERWARN

BT