

HFUS 1 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 JULY 1980

IA. SOLAR ACTIVITY WAS LOW TODAY. THE LARGEST FLARE WAS A C7.5/1N
FROM REGION 2579 (S20W83) AT 1247Z. THIS REGION AND REGION 2588
(S08W00) WERE THE ONLY TWO REGIONS OPTICALLY OBSERVED FLARING.
REGION 2588, ALTHOUGH MAGNETICALLY SIMPLE, STILL RETAINS THE
GREATEST FLARE PROBABILITY OF ANY REGION ON THE DISK. THREE NEW
REGIONS WERE OBSERVED TODAY, 2595 (S27W45), 2596 (N17E59),
AND 2597 (S34E70).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET TODAY AND IS EXPECTED TO
REMAIN QUIET TOMORROW, BECOMING MILDLY UNSETTLED ON 31 JULY
AND 01 AUGUST.

III. EVENT PROBABILITIES 30 JULY - 01 AUGUST

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JULY 151

PREDICTED 30 JULY - 01 AUGUST 143/139/138

90-DAY MEAN 29 JULY 203

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 JULY 15

ESTIMATED AFR/AP 29 JULY 03/06

PREDICTED AFR/AP 30 JULY - 01 AUGUST 06/08 - 09/12 - 09/12

SOLTERWARN

BT