

HFUS 1 BDU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 223

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 AUGUST 1980

IA. SOLAR ACTIVITY HAS BEEN MODERATE DURING THE PAST 24 HOURS.
THE LARGEST EVENT A M1/SF FROM 2618 (S29E77) 450 FLUX UNITS WAS
OBSERVED ON 2695 MHZ AT 2104 UT. REGION 2610 (N11W22) HAS SHOWN
CONTINUED AREA GROWTH BUT IS LESS COMPLEX MAGNETICALLY. REGION
2605 (S09W53) HAS GROWN IN AREA AND MAGNETIC COMPLEXITY. NEW
REGIONS TODAY 2617 (S25W11) AND 2618 (S29E77).

IB. SOLAR ACTIVITY IS EXPECTED TO BE NEAR MODERATE LEVELS AS
REGIONS 2605 AND 2610 CONTINUE TO UNDER GO CHANGE. THE REGIONS
IN THE SOUTHEAST WILL ALSO NEED WATCHING.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 24
HOURS. THE FIELD IS EXPECTED TO CONTINUE UNSETTLED.

III. EVENT PROBABILITIES 11-13 AUGUST

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 169

PREDICTED 11 - 13 AUG 177/185/191

90-DAY MEAN 10 AUG 195

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 AUG 13

ESTIMATED AFR/AP 10 AUG 13/16

PREDICTED AFR/AP 11 - 13 AUG 09/10 08/10 11/12

SOLTERWARN

BT