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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
SDF NUMBER 208

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 26 JULY 1980

IA. SOLAR ACTIVITY HAS CONTINUED LOW FOR THE PAST 24 HOURS. THE LARGEST XRAY EVENT WAS A C6/IN MAXING AT 0120 UT FROM REGION 2588 (S08E37). THIS REGION IS DEVELOPING AS IS NEW REGION 2591 (N17E55), A B-TYPE GROUP, AND 2589 (N26E55) WHICH SHARES A NEUTRAL LINE WITH 2591. ALL OTHER REGIONS REMAINED STABLE OR DECLINED, WITH 2579 (S19W38) SHOWING DRAMATIC DECAY IN MAGNETIC AND WHITE LIGHT COMPLEXITY. REGION 2582 (N11W20) HAS STABILIZED AND NO LONGER APPEARS THREATENING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGHOUT THE FORECAST PERIOD. UNLESS SIGNIFICANT DEVELOPMENT OCCURS, ONLY ISOLATED M-CLASS X-RAY ACTIVITY IS FORECAST PRIMARILY FROM REGION 2588.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO OCCASIONALLY ACTIVE FOR THE PAST 24 HOURS AS CONDITIONS RECOVER FROM A MINOR STORM ON 25 JULY. THE FIELD IS EXPECTED TO BE MOSTLY UNSETLED TRENDING TOWARD QUIET CONDITIONS ON THE THIRD DAY.

III. EVENT PROBABILITIES 27 JULY - 29 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JULY 191

PREDICTED 27-29 JULY 183/175/170

90-DAY MEAN 26 JULY 205

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 25 JULY 23

ESTIMATED AFR/AP 26 JULY 16/17

PREDICTED AFR/AP 27-29 JULY 12/15 09/10 07/08

SOLTERWARN

BT