

WFUS 1 BOULDER 252230

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 296

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

I.A. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. SEVERAL  
C-CLASS X-RAY EVENTS WERE OBSERVED AND ASSOCIATED WITH REGIONS 1882  
(S07W36) AND 1890 (N15E57). REGION 1887 (S15W00) SHOWED THE MOST  
SIGNIFICANT GROWTH AND IS NOW MAGNETICALLY COMPLEX (BETA-GAMMA).  
ONE NEW REGION PRESENTLY AN H-Spot WAS NUMBERED AS 1891 (S1SE67).  
I.B. SOLAR ACTIVITY IS EXPECTED TO INCREASE TO MODERATE LEVELS.  
REGIONS 1877 (N31W50), 1882, 1887, AND 1890 ALL APPEAR CAPABLE OF  
AT LEAST M-LEVEL ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.  
CONDITIONS ARE EXPECTED TO REMAIN UNCHANGED THROUGHOUT THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 26 JULY - 28 JULY

CLASS M 70/70/70

CLASS X 15/15/15

PROMPT 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM. FLUX

OBSERVED 25 JULY 157

PREDICTED 26-28 JULY 165/170/175

90-DAY MEAN 25 JULY 173

V. GEOMAGNETIC A. INDICES

OBSERVED FREDERICKSBURG 24 JULY 04

ESTIMATED AFR/AP 25 JULY 33/39

PREDICTED AFR/AP 26-28 JULY 06/08 - 06/08 - 06/05

SOLIERWARN

BT