

HFUS 1 B 00 31200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 212

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 JULY 1979

I. SOLAR ACTIVITY HAS CONTINUED LOW DURING THE PAST 24 HOURS. A  
C3/SB FLARE FROM REGION 1887 (SISW 82) AT 0828 UT HAS BEEN THE LARGEST  
FLARE REPORTED DURING THE LAST 24 HOURS. NO NEW REGIONS HAVE BEEN  
REPORTED THIS PERIOD.

II. REGION 1893 AND 1887, ALTHOUGH OF LIMITED COMPLEXITY, HAVE THE  
POTENTIAL TO PRODUCE SMALL M-CLASS FLARES.

III. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.  
THE FIELD IS EXPECTED TO BECOME UNSETLED DURING THE NEXT 24 HOURS  
THEN BE AT ACTIVE LEVELS THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 AUGUST - 03 AUGUST

CLASS M 25/25/25

CLASS X 05/05/05

PREDICTON 05/05/05

PCAF GRPN

IV. OTTAWA 12.7 CM FLUX

OBSERVED 31 JULY 1481 / 7.16

PREDICTED 01-03 AUGUST 146/144/148

90-DAY MEAN 31 JULY 171

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 30 JULY 97

PREDICTED AFR/AP 31 JULY 93/06

SOLAR/WARN 31 AUGUST 10/12 - 16/16 - 23/20

BT