

HFUS 1 BOU 3 1200

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

IA. SOLAR ACTIVITY HAS CONTINUED LOW DURING THE PAST 24 HOURS. A
C3/SB FROM REGION 1887 (S16W82) AT 0228 UT HAS BEEN THE LARGEST
FLARE REPORTED DURING THE LAST 24 HOURS. NO NEW REGIONS HAVE BEEN
REPORTED THIS PERIOD.

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

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

PROTON 05/05/05

POAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JULY 148 / 148

PREDICTED 01-03 AUGUST 146/144/148

90-DAY MEAN 31 JULY 171

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JULY 07

ESTIMATED AFR/AP 31 JULY 03/06

PREDICTED AFR/AP 01-03 AUGUST 10/12 - 16/16 - 23/20

SOLTERWARN

BT