

SDF NUMBER 208

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 JULY 1978

I A. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS.

TWO NEW SPOTTED REGIONS HAVE ROTATED ONTO THE DISK; 1230 (N36E79)
AN H-TYPE SPOT GROUP WHICH PRODUCED TWO SUBFLARES; 1231 (N20E82),
WHICH IS OLD REGION 1196 AND CURRENTLY AN H-TYPE SPOT GROUP. THE
ONLY OTHER SPOTTED REGION ON THE DISK IS 1226 (N27W16).

I B. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH THE
POSSIBILITY OF AN OCCASIONAL EVENT FROM REGION 1230.

I I. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
REMAIN QUIET TO SLIGHTLY UNSETLED.

III. EVENT PROBABILITIES 28 JULY - 30 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JULY 107

PREDICTED 28 - 30 JULY 106/106/108

90-DAY MEAN 27 JULY 143

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JULY .05

ESTIMATED AFR/AP 27 JULY 04/07

PREDICTED AFR/AP 28 - 30 JULY 06/08 - 06/08 - 06/08

SOLTERWARN

PUSH TTR