

SDF NUMBER 208

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

IA. 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).

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
REMAIN QUIET TO SLIGHTLY UNSETTLED.

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