

HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 217

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 AUGUST 1980

IA. SOLAR ACTIVITY REMAINS LOW WITH ALL DISK REGIONS SMALL AND
SIMPLE IN MAGNETIC STRUCTURE. NO SUNSPOTS WERE REPORTED TODAY FOR
REGION 2396 (N20W20) BUT THIS SMALL REGION HAS THE MOST INTEREST-
ING H-ALPHA FLARE STRUCTURE. CURRENTLY, THE SUN IS INDEED VERY
SERENE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 05 AUGUST - 07 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUGUST 127

PREDICTED 05-07 AUGUST 128/130/140

90-DAY MEAN 04 AUGUST 198

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUGUST 24

ESTIMATED AFR/AP 04 AUGUST 08/09

PREDICTED AFR/AP 05-07 AUGUST 08/10 - 10/12 - 10/12

SOLTERWABN

BT