

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 INTERESTING H-ALPHA FLAGE STRUCTURE. CURRENTLY, THE SUN IS INDEED VERY SERENE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED. GENERALLY UNSETLED 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

POTENTIAL 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 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

SOLTERWARN

BT