

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 06 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.

A SMALL SUBFLARE IN REGION 1233 (S23W48) WAS THE ONLY OPTICAL ACTIVITY NOTED. REGIONS 1233 AND 1238 (S27E47) APPEAR TO BE GROWING IN COMPLEXITY AND MAY BECOME PROLIFIC PRODUCERS OF SMALL FLARES WITHIN 24-36 HOURS.

IB. SOLAR ACTIVITY WILL BE LOW TO VERY LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED. NO SIGNIFICANT CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 07 AUGUST - 09 AUGUST

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 AUGUST 119

PREDICTED 07-09 AUGUST 123/128/129

90-DAY MEAN 06 AUGUST 136

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 AUGUST 24

ESTIMATED AFR/AP 06 AUGUST 14/25

PREDICTED AFR/AP 07-09 AUGUST 08/22 - 06/16 - 08/12

SOLTERWARN

BT