

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 20 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY TWO NON-ENERGETIC SUB-FLARES HAVE BEEN OBSERVED, BOTH ORIGINATING IN REGION 1253 (N21W83). THREE NEW SMALL REGIONS HAVE BEEN OBSERVED - REGION 1257 (S27W07), REGION 1258 (S14E38), AND REGION 1259 (S24E49). REGION 1254 (S18E03) HAS REMAINED NEARLY CONSTANT IN SPOT NUMBER AND AREA BUT HAS SHOWN SOME MINOR GROWTH TRENDS.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL WITH ONLY A VERY SLIGHT PROBABILITY OF ENERGETIC FLARE ACTIVITY DURING THE NEXT 72 HOURS. NO SIGNIFICANT ACTIVE REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THIS CONDITION SHOULD PREVAIL FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 21 AUGUST - 23 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUGUST 105

PREDICTED 21-23 AUGUST 102/100/99

90-DAY MEAN 20 AUGUST 134

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 AUGUST 11

ESTIMATED AFR/AP 20 AUGUST 03/04

PREDICTED AFR/AP 21-23 AUGUST 06/08 - 07/06 - 08/08

SOLIERWARN

BT