

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 233

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 21 AUGUST 1978

IA. THE VERY LOW LEVEL OF SOLAR ACTIVITY CONTINUED FOR YET ANOTHER DAY. THE MOST SIGNIFICANT ACTIVITY WAS A LESS THAN CLASS C EVENT ASSOCIATED WITH A FILAMENT ERUPTION NEAR REGION 1257 (S27W17) AROUND 1800Z. REGION 1254 (S18W08) REMAINS THE LARGEST REGION, BUT APPEARS STABLE. REGION 1260 (S24E63) HAS ROTATED ON TO THE DISK WITH A SMALL SPOT GROUP. FROM E-W RADIO SCANS, THERE APPEARS TO BE A CORONAL HOLE PRESENT NEAR THE EAST LIMB.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL THRU THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET THE PAST 48 HOURS. GENERALLY QUIET CONDITIONS ARE EXPECTED THRU THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 22 AUGUST - 24 AUGUST

CLASS M            05/05/05

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED          21 AUGUST 102

PREDICTED         22-24 AUGUST 101/101/101

90-DAY MEAN       21 AUGUST 133

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 AUGUST 03

ESTIMATED AFR/AP    21 AUGUST 04/04

PREDICTED AFR/AP    22-24 AUGUST 07/06 - 08/08 - 08/10

SOLTERWARN