

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

JDF NUMBER 237

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 25 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE FLARE HAS BEEN OBSERVED - A C1/SB FROM REGION 1262 (S17E20). SOME SPOT GROWTH HAS BEEN OBSERVED IN REGION 1260 (S17E08). THREE NEW REGIONS HAVE EMERGED AND HAVE BEEN NUMBERED 1263 (N26W38), 1264 (S23W01), AND 1265 (N10E51). A NEW ACTIVE REGION APPEARS TO BE JUST BEHIND THE NORTHEAST LIMB (NE40). THIS AREA HAS SHOWN SOME SURGING.

IB. SOLAR ACTIVITY SHOULD BE VERY LOW TO LOW. THE NEWLY DEVELOPED REGION AT THE NORTHEAST LIMB MAY INCREASE ACTIVITY LEVELS SOMEWHAT. PREEXISTING DISK REGIONS DO NOT APPEAR CAPABLE OF PRODUCING ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. GEOMAGNETIC CONDITIONS SHOULD REMAIN AT QUIET TO UNSETLED LEVELS UNTIL 29 AUGUST WHEN THE EFFECTS OF A CORONAL HOLE SHOULD REACH IAU.

III. EVENT PROBABILITIES 26 AUGUST - 28 AUGUST

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 AUGUST 102

PREDICTED 26 AUGUST 102/103/104

90-DAY MEAN 25 AUGUST 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 AUGUST 04

ESTIMATED AFR/AP 25 AUGUST 06/06

PREDICTED AFR/AP 26 - 28 AUGUST 05/05 - 05/05 - 05/05

SOLTERWARN