

HFUS 1 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 238

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 AUGUST 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1265 (N10E30) AND
REGION 1266 (N19E68) ARE GROWING BUT BOTH REMAIN SIMPLE. TWO NEW
REGIONS HAVE ROTATED OVER THE NORTHEAST LIMB - REGION 1266 (N19E68)
AND REGION 1267 (N32E74). BOTH REGIONS HAVE BEEN QUIET, AND
ALTHOUGH NOT YET FULLY VISIBLE, THEY APPEAR TO BE UNIMPRESSIVE.
REMAINING DISK REGIONS ARE STABLE OR DECLINING.

IB. SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL. NO SIGNIFICANT
REGIONS ARE DUE TO RETURN DURING THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GEOMAGNETIC CONDITIONS
SHOULD REMAIN GENERALLY QUIET UNTIL LATE ON 29 AUGUST WHEN THE
FIELD SHOULD BE ACTIVATED FOR APPROXIMATELY THREE DAYS DUE TO
CORONAL HOLE EFFECTS REACHING THE EARTH.

III. EVENT PROBABILITIES 27 AUGUST - 29 AUGUST

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 AUGUST 99

PREDICTED 27-29 AUGUST 100/102/104

90-DAY MEAN 26 AUGUST 131

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 AUGUST 09

ESTIMATED AFR/AP 26 AUGUST 04/08

PREDICTED AFR/AP 27-29 AUGUST 05/07 - 05/07 - 10/10

SOLTERWARN

BT