

HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 231

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 AUG 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
REGION 1254 (S18E19) IS THE ONLY REGION HAVING FLARE POTENTIAL.
NEW REGION 1256 (S31W37) IS NOW VISIBLE WITH 1 SPOT SURROUNDED
BY DIM STABLE PLAGE. ALL OTHER DISK AND LIMB FEATURES APPEAR
QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH A SLIGHT
PROBABILITY OF C-CLASS SUBFLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED WITH THE MOST
DISTURBED MAGNETIC ACTIVITY OCCURRING FROM 00Z TO 09Z. THE
GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE TO BE SLIGHTLY UNSETLED
FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 20-22 AUG

CLASS M 05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 109

PREDICTED 20-22 AUG 107/106/105

90-DAY MEAN 19 AUG 134

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 16

ESTIMATED AFR/AP 19 AUG 10/14

PREDICTED AFR/AP 20-22 AUG 10/11 - 08/08 - 07/07

SOLTERWARN

BT