

HFUS 1 BOU 312245

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

C O R R E C T E D C O P Y

SDF NUMBER 212

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 31 JULY 1978

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO SOLAR FLARES DETECTED  
EVENT BY SATELLITE DURING THE PAST 24 HOURS. THERE ARE NOW ONLY  
THREE SMALL SPOTTED REGIONS ON THE SOLAR DISK, AND ALL THREE ARE  
APPEARING TO DECLINE. AN ERUPTIVE PROMINENCE OCCURRED AT N20E90 AT  
1157Z.

IB. THE RETURN OF REGION 1203 BY AUGUST 03 MAY RAISE ACTIVITY  
SLIGHTLY. NO ACTIVITY IS EXPECTED BEFORE THAT DATE.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR THE PAST 24 HOURS  
QUIET TO SLIGHTLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT  
THREE DAYS.

III. EVENT PROBABILITIES 01 AUGUST - 03 AUGUST

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JULY 106

PREDICTED 01-03 AUGUST 105/107/110

90-DAY MEAN 31 JULY 139

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 JULY 02

ESTIMATED AFR/AP 31 JULY 02/03

PREDICTED AFR/AP 01-03 AUGUST 05/08 - 08/12 - 05/08

SOLTERWARN

BT