

HFUS 1 BOU 232200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 1171 (N24E26) HAD AN M1/IN FLARE AT 0801Z (MAX) AND MANY SUBFLARES. IT IS A C-GROUP AND STABLE. REGION 1176 (N21E49) HAD SEVERAL SUBFLARES AND IS AN E-TYPE GROUP AND HAS SHOWN SOME GROWTH. REGION 1173 (S16E03) HAS NO SPOTS. NEW REGION 1178 (S32W19) IS AN A-TYPE SPOT. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE MODERATE TO HIGH. THE ACTIVE CENTERS SHOULD BE REGION 1172 (S20E37) AND THE REGIONS IN THE NE QUADRANT.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE.  
CONDITIONS SHOULD BE UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 24 JUNE - 26 JUNE

CLASS M 95/95/95

CLASS X 25/25/25

PROTON 30/40/40

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUNE 190

PREDICTED 24-26 JUNE 195/200/197

90-DAY MEAN 23 JUNE 145

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 22 JUNE 13

ESTIMATED AFR/AP 23 JUNE 13/16

PREDICTED AFR/AP 24-26 JUNE 13/18 - 20/20 - 18/25

SOLTERWARN

BT