

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDR NUMBER 199

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 JULY 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY A FEW C1 SUBFLARES OCCURRED.
REGION 1872 (S03E31) REMAINS INTERESTING BUT WITH LITTLE ACTIVITY.
THERE ARE THREE NEW REGIONS: 1877 (N32E42) IS A C-TYPE GROUP,
1878 (N28W31) IS A B-TYPE GROUP, AND 1879 (S20W14) IS A B-TYPE
GROUP. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD WAS ACTIVE UNTIL 15 UT WHEN CONDITIONS
BECAME UNSETTLED. CONDITIONS SHOULD BE ACTIVE FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 19 JULY - 21 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JULY 139

PREDICTED 19-21 JULY 140/141/146

90-DAY MEAN 18 JULY 174

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JULY 14

ESTIMATED AFR/AP 18 JULY 13/18

PREDICTED AFR/AP 19-21 JULY 17/24 - 17/20 - 13/15

SOLTERWARN

BT