

HFUS 1 BOU 192200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 200
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 JULY 1979
IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. ALTHOUGH REGION 1872
(S03E17) HAS CHANGED LITTLE IN WHITE LIGHT SINCE YESTERDAY, IT HAS
PRODUCED SEVERAL SUBFLARES AND C-CLASS X-RAY BURST OVER THE PAST
24 HOURS. ALL OF THE FLARE ACTIVITY HAS BEEN IN THE TRAILER PORTION
OF THIS REGION WHERE SOME MIXED POLARITIES ARE INDICATED. A NEW
REGION HAS EMERGED ON THE DISK AND HAS BEEN NUMBERED 1880 (N16W27).
REMAINING REGIONS HAVE CHANGED LITTLE AND HAVE
PRODUCED INSIGNIFICANT ACTIVITY.
IB. SOLAR ACTIVITY SHOULD REMAIN LOW FOR THE NEXT 24 HOURS. A REMOTE
CHANCE OF AN M-CLASS FLARE IS PRESENT IN REGION 1872.
II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED. SIMILAR
CONDITIONS ARE EXPECTED FOR THIS FORECAST PERIOD.
III. EVENT PROBABILITIES 20 JULY - 22 JULY
CLASS M 05/10/15
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 19 JULY 139
PREDICTED 20 JULY - 22 JULY 140/142/144
90-DAY MEAN 19 JULY 174
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 18 JULY 13
ESTIMATED AFR/AP 19 JULY 12/12
PREDICTED AFR/AP 20 JULY - 22 JULY 12/15 12/15 08/12
SOLTERWARN
BT