

HFUS 1 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 191

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 JULY 1979

IA. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL. THE DISK REGIONS HAVE NOT SHOWN ANY DRAMATIC CHANGES ALTHOUGH THE GENERAL TREND APPEARS TO BE TOWARD SIMPLIFICATION. REGION 1860 (N28E06) IS LESS ORGANIZED IN FLARE STRUCTURE AND HAS DECLINED SLIGHTLY IN SPOT AREA. REGION 1849 (N11W43) IS UNCHANGED IN SPOT AND FLARE AREA BUT MAY BE A LITTLE BRIGHTER IN ITS TRAILING SECTIONS. THE OTHER LARGE GROUP 1841 (S22W83) HAS BEGUN WEST LIMB TRANSIT. NO NEW REGIONS WERE SEEN TODAY AND THE OTHER VISIBLE FEATURES ARE STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. REGION 1860 OR 1849 COULD PRODUCE AN ISOLATED CLASS M.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 11 JULY - 13 JULY

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JULY 180

PREDICTED 11-13 JULY 175/169/163

90-DAY MEAN 10 JULY 176

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JULY 05

ESTIMATED AFR/AP 10 JULY 08/08

PREDICTED AFR/AP 11-13 JULY 10/10 - 12/11 - 11/25

SOLTERWARN

BT