

HFUS 1 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 215

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 AUGUST 1979

IA. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 24 HOURS,
WITH NO FLARES OBSERVED TODAY. REGION 1890 (N 18W 65) CONTINUES TO BE
AN INTERESTING REGION DUE TO RAPID NEW SPOT GROWTH, AND NEW REGION
(N 13W 58) HAS BEEN DEVELOPING IN THE 1890 PLAGE COMPLEX.

IB. LOW SOLAR ACTIVITY IS FORECAST THROUGH THE NEXT 72 HOURS.
THE REGION 1890 COMPLEX OFFERS THE BEST POSSIBILITY OF M-CLASS
X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD WAS AT UNSETTLED LEVELS AND IS FORECAST
TO CONTINUE TO BE UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 04 AUG - 06 AUG

CLASS M 40/30/30

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 AUG 141

PREDICTED 04 AUG - 06 AUG 141/140/142

50-DAY MEAN 03 AUG 170

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 02 AUG 13

ESTIMATED AFR/AP 03 AUG 12/12

PREDICTED AFR/AP 04 AUG - 06 AUG 12/12 10/10 08/08

SOLTERWARN

BT