

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 211

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 JULY 1978

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 1233 (S21E50) HAS
SHOWN SPOT AND PLAGE GROWTH AND AN INCREASE IN MAGNETIC COMPLEXITY
A SIMILAR GROWTH TREND HAS ALSO BEEN OBSERVED IN REGION 1230
(N36E41) BUT TO A LESSER DEGREE.

IB. SOLAR ACTIVITY SHOULD BE AT A VERY LOW TO LOW LEVEL. NO
SIGNIFICANT ACTIVE REGIONS ARE DUE TO RETURN THIS FORECAST PERIOD
AND REGIONS PRESENTLY ON THE DISK DO NOT APPEAR CAPABLE OF
PRODUCING ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GEOMAGNETIC CONDITIONS
SHOULD REMAIN GENERALLY QUIET TO UNSETTLED WITH A POSSIBILITY
OF ACTIVE LEVELS LATE ON 02 AUGUST.

III. EVENT PROBABILITIES 31 JULY - 02 AUGUST

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JULY 106

PREDICTED 31 JULY - 02 AUGUST 108/110/112

90-DAY MEAN 30 JULY 140

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 JULY 03

ESTIMATED AFR/AP 30 JULY 03/05

PREDICTED AFR/AP 31 JULY - 02 AUGUST 05/10 - 08/15 - 12/20

SOLTERWARN

BT