

HFUS-1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SOLAR NUMBER 197

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 JULY 1980

I.A. SOLAR ACTIVITY WAS LOW TODAY. THE LARGEST FLARE WAS A C4/1B FROM REGION 2562 (SIZE 16) AT 1826Z. THIS REGION CONTINUED DEACYING EARLY TODAY, FURTHER RELAXING ITS MAGNETIC GRADIENTS AND LOSING ITS LAST DELTA, BUT HAS NOW STABILIZED. REGIONS 2559 (N17W10) AND 2563 HAVE COALESCED AND 2563 HAS BEEN DROPPED. ONE NEW REGION WAS CONFIRMED TODAY, 2574 (N04E63).

I.B. SOLAR ACTIVITY IS EXPECTED TO BECOME MODERATE DUE TO RESIDUAL FLARE POTENTIAL REMAINING IN REGIONS 2562 AND 2559.

III. THE GEOMAGNETIC FIELD WAS MILDLY UNSETLED TODAY AND IS EXPECTED TO BECOME QUIET FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 16 JULY - 18 JULY

CLASS M 75/70/70

CLASS X 10/05/05

PROMPTON 05/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 211.5 - 212.0

PREDICTED 16-18 JULY 216/220/217

90-DAY MEAN 15 JULY 200

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 14 JULY 12

ESTIMATED AFR/AP 15 JULY 07/09

PREDICTED AFR/AP 16-18 JULY 06/09 - 05/09 - 06/09

SOLAR WARNS

BT