

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197

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

IA. SOLAR ACTIVITY WAS LOW TODAY. THE LARGEST FLARE WAS A C4/1B
FROM REGION 2562 (S12E16) AT 1826Z. THIS REGION CONTINUED DECAYING
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).

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

II. THE GEOMAGNETIC FIELD WAS MILDLY UNSETTLED 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

PROTON 05/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 211

PREDICTED 16-18 JULY 216/220/217

90-DAY MEAN 15 JULY 200

V. GEOMAGNETIC A 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

SOLTERWARN

BT