

SPACE ENVIRONMENT
COLORADO SERVICES CENTER

JUL 18 1979
6/618T 101

BOULDER, COLORADO
SPACE ENVIRONMENT

HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 193

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 17 JULY 1979

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. X-RAY BURSTS
HAVE NOT EXCEEDED THE C1 LEVEL. MINOR CHANGES AND PLAGE FLUCTUATIONS
HAVE OCCURRED IN SEVERAL OF THE REGIONS BUT ALL DISK REGIONS REMAIN
MAGNETICALLY SIMPLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE.
THESE CONDITIONS ARE EXPECTED TO CONTINUE THROUGH 18 JULY WITH THE
FIELD BEING GENERALLY ACTIVE ON 19 AND 20 JULY.

III. EVENT PROBABILITIES 18 JULY - 20 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JULY 138

PREDICTED 18-20 JULY 136/138/138

90-DAY MEAN 17 JULY 174

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JULY 11

ESTIMATED AFR/AP 17 JULY 11/14

PREDICTED AFR/AP 18-20 JULY 12/18 - 17/24 - 17/20

SOLTERWARN

BT