

HFUS 1 BDU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDP NUMBER 147

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 MAY 1979

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
FOUR C1 X-RAY BURSTS WERE NOTED USING GOES SATELLITE SENSORS BUT
ONLY ONE OF THESE HAD ACCOMPANYING OPTICAL OBSERVATIONS. THAT WAS
A SUBFAINT FLARE FROM THE SPOTLESS AREA NEAR (S20E38).

THIS IS THE SECOND DAY IN A ROW THAT A SUBFLARE
HAS OCCURRED IN THIS SPOTLESS AREA. A STRONG SURGE AT (NE22) MAY
HERALD THE RETURN OF DYNAMIC ACTIVITY TO THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO BEGIN TO INCREASE SLOWLY FROM
THIS LOW POINT. HOWEVER, NO MAJOR ACTIVITY IS EXPECTED DURING THE
NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS
ACTIVITY IS EXPECTED TO DIMINISH SLOWLY OVER THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 28 MAY - 30 MAY 1979

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 146

PREDICTED 28 - 30 MAY 147/148/150

90-DAY MEAN 27 MAY 177

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAY 20

ESTIMATED AFR/AP 27 MAY 22/25

PREDICTED AFR/AP 28 - 30 MAY 15/20 10/10-08/10

SOLTERWARN

BT