

HFUS 1800 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 127

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 MAY 1980

IA. SOLAR ACTIVITY HAS BEEN LOW AND DECREASING FOR THE PAST 24
HOURS. A C4/IN EVENT IN REGION 2411 (S18W76) WITH ASSOCIATED
RADIO BURST AND SID OCCURRED. REGION 2418 (N21W09) PRODUCED ONLY
C2/SF ACTIVITY. OTHER REGIONS REMAIN STABLE AND QUIET. 10 CM
RADIO FLUX HAS ALSO DECREASED. SURGING ON THE EAST LIMB HAS
INCREASED IN RECENT HOURS. REGIONS 2436 (N22W12) AND 2437
(S30W01) GAINED SPOTS AND WERE NUMBERED THIS PERIOD.

IB. SOLAR ACTIVITY WILL REMAIN LOW. REGION 2411 MAY CONTRIBUTE
TO ACTIVITY YET, BEFORE GOING OVER THE WEST LIMB. REGION 2418
HAS LOST STRUCTURE AND IS LOOKING LESS LIKELY TO PRODUCE ACTIVITY.
THE MAGNETIC DELTA NO LONGER SEEN IN IT. SURGING ON THE EAST
LIMB CANNOT BE CLEARLY ASSOCIATED WITH A RETURNING REGION. IT MAY
PROVIDE A SLIGHT INCREASE IN ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET. IT IS
EXPECTED TO BE QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 07 MAY - 09 MAY

CLASS M 30/30/25

CLASS X 05/05/01

PROTON 01/01/01

POAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 MAY 200

PREDICTED 07-09 MAY 195/190/185

90-DAY MEAN 06 MAY 192

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 MAY 04

ESTIMATED AFR/AP 06 MAY 10/12

PREDICTED AFR/AP 07-09 MAY 06/10 - 05/10 - 05/08

SOLTERWARN

BT