

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDE 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 C4/1 EVENT IN REGION 2411 (S18W76) WITH ASSOCIATED RADIO BURST AND ESD 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 UNSETLED TO QUIET. IT IS EXPECTED TO BE QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 07 MAY - 09 MAY

CLASS M 3/0/30/25

CLASS X 05/05/01

PREDICTON 01/01/01

PCAF 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 ALINDICES

OBSERVED FREDERICKSBURG 05 MAY 04

ESTIMATED AFR/APR 06 MAY 10/12

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

SOLTERWARN

BT