

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 126

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 MAY 1980

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. A C5/SR
EVENT OCCURRED IN REGION 2411 (S18W65). SEVERAL NEW REGIONS WERE
NUMBERED, REGION 2432 (S13W33), REGION 2433 (S32E75), REGION 2434
(N10W02), REGION 2435 (N06E17). NUMEROUS RADIO BURSTS AND OPTICAL
SUBFAINT TO SUBNORMALS WERE ASSOCIATED WITH REGIONS 2411, AND
REGION 2418 (S20E02).

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW FOR THE NEXT 24 HOURS.
A MAGNETIC DELTA HAS BEEN OBSERVED IN REGION 2418. THIS REGION
APPEARS TO HAVE THE GREATEST POTENTIAL FOR ACTIVITY. REMAINING
REGIONS APPEAR STABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
REMAIN QUIET. A SECTOR BOUNDARY PASSAGE MAY HAVE OCCURRED BUT NO
SIGNIFICANT EFFECT HAS BEEN OBSERVED ON THE GEOMAGNETIC FIELD.

III. EVENT PROBABILITIES 06 MAY - 08 MAY

CLASS M 55/60/65

CLASS X 05/10/10

PROTON 05/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 MAY 218

PREDICTED 06-08 MAY 216/216/216

90-DAY MEAN 05 MAY 192

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 04 MAY 04

ESTIMATED AFR/AP 05 MAY 05/08

PREDICTED AFR/AP 06-08 MAY 07/12 - 05/10 - 05/08

SOLTERWARN

BT