

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 156

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE SUBFLARE WAS RECORDED AND THIS OCCURRED IN REGION 4500 (S12W45). SLOW DECAY CONTINUES IN THIS REGION. REGIONS 4507 (S12W61) AND 4508 (N06E52) ARE THE OTHER REGIONS WITH SUNSPOTS; BOTH REGIONS ARE STABLE AND INACTIVE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AT MID LATITUDES AND ACTIVE TO STORM LEVEL AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MODERATELY UNSETTLED TO ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 JUN-07 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JUN 104

PREDICTED 05 JUN-07 JUN 102/100/102

90 DAY MEAN 04 JUN 126

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 JUN 024/026

ESTIMATED AFR/AP 04 JUN 017/027

PREDICTED AFR/AP 05 JUN-07 JUN 015/020-015/015-015/015

SOLTERWARN

BT