

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 155

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. A NEW REGION WAS NUMBERED TODAY AS REGION 4661 (S20W55) AND IS CURRENTLY A CRO TYPE SPOT GROUP WITH A BETA MAGNETIC CLASSIFICATION. REGION 4660 (S12E66) IS THE MOST SIGNIFICANT REGION ON THE VISIBLE DISK TODAY. IT IS CURRENTLY A DHU TYPE SPOT GROUP WITH A BETA MAGNETIC CLASSIFICATION. THIS REGION HAS DISPLAYED CONTINUOUS POINT BRIGHTENINGS WITH AN ASSOCIATED DARK SURGE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. ACTIVITY IS FORECAST BASED ON THE DISAPPEARING FILAMENTS OF 01 JUNE.

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 075

PREDICTED 05 JUN-07 JUN 077/078/078

90 DAY MEAN 04 JUN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 JUN 005/007

ESTIMATED AFR/AP 04 JUN 008/010

PREDICTED AFR/AP 05 JUN-07 JUN 014/020-016/025-008/015

SOLTERWARN

BT