

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 162

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY ONE SUBFLARE WAS REPORTED TODAY, A QN/B2 IN REGION 4663 (N01E08), WHICH ATTAINED MAXIMUM AT 0304Z. OF THE 5 SPOTTED REGIONS CURRENTLY VISIBLE, REGION 4665 (S09W32) IS THE MOST IMPRESSIVE. MT. WILSON MAGNETIC DATA SUGGESTS SUNSPOT ROTATION IN THE REGION RESULTING IN A WEAK DELTA CONFIGURATION. THE REGION HAS ALSO GROWN IN WHITE LIGHT. THE REST OF THE DISK HAS BEEN PREDOMINANTLY STABLE. NO NEW REGIONS WERE ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW. REGION 4665 IS THE MOST LIKELY CANDIDATE TO INCREASE THE LEVEL OF ACTIVITY, AND MAY DO SO IF IT REMAINS DYNAMIC.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED, WITH THE TREND TOWARD QUIET CONDITIONS AT THE END OF THE PERIOD.

III. EVENT PROBABILITIES 12 JUN-14 JUN

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUN 089

PREDICTED 12 JUN-14 JUN 089/089/088

90 DAY MEAN 11 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JUN 022/046

ESTIMATED AFR/AP 11 JUN 014/025

PREDICTED AFR/AP 12 JUN-14 JUN 010/015-010/015-005/015

SOLTERWARN

BT