

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 0N/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