

HFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 157

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100
TO 05/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. THE ONLY
SIGNIFICANT EVENT WAS A C3/1N AT 0216Z (X-RAY MAX) IN REGION
4500 (S13W59). STRONG TYPE II BUT WEAK TYPE IV DEKAMETRIC
BURSTS ACCOMPANIED THIS FLARE; ONLY MINOR DISCRETE FREQUENCY
BURSTS OCCURRED. SLOW DECAY CONTINUES IN REGION 4500. REGION
4508 (N06E36), THE ONLY OTHER SPOTTED REGION, REMAINS
QUIESCENT.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z:
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 GENERALLY ACTIVE. THE EFFECTS FROM TODAY'S
CORONAL TRANSIENT (TYPE II BURST) ARE EXPECTED ON THE LATTER
HALF OF THE 7TH AND FIRST HALF OF THE 8TH. STORM LEVEL PERIODS
ARE EXPECTED DURING THIS TIME FRAME.

III. EVENT PROBABILITIES 06 JUN-08 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JUN 102

PREDICTED 06 JUN-08 JUN 100/102/102

90 DAY MEAN 05 JUN 126

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 JUN 020/029

ESTIMATED AFR/AP 05 JUN 017/025

PREDICTED AFR/AP 06 JUN-08 JUN 015/020-025/030-020/025

SOLTERWARN

BT

C.D.