

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 152

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 01 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100
TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24
HOURS. THE DISK REMAINS SPOTLESS AGAIN TODAY. TWO FILAMENTS
HAVE DISAPPEARED, ONE 15 DEGREES LONG AT N12E20 AND ANOTHER 23
DEGREES LONG AT S34W22. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD. NO RETURNING
REGIONS ARE EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z:
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED TO ACTIVE THE
PAST 24 HOURS. MINOR TO MAJOR STORM CONDITIONS WERE OBSERVED AT
ALL LATITUDES DURING THE PERIOD BETWEEN 0000-1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.
THIS ACTIVITY IS PREDICTED ON THE BASIS OF A SOLAR SECTOR
BOUNDARY PASSAGE ACROSS CENTRAL MERIDAN ON 24 MAY AND RECURRENT
PATTERNS.

III. EVENT PROBABILITIES 02 JUN-04 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JUN 068

PREDICTED 02 JUN-04 JUN 068/068/069

90 DAY MEAN 01 JUN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 MAY 007/011

ESTIMATED AFR/AP 01 JUN 018/027

PREDICTED AFR/AP 02 JUN-04 JUN 014/020-012/015-008/015

SOLTERWARN

BT