

HFUS3 BOU 102200

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

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST 24 HOURS. NO SIGNIFICANT CHANGES HAVE BEEN NOTED ON THE VISIBLE DISK. A SMALL REGION ROTATED OVER THE EAST LIMB AND WAS NUMBERED 4511 (S07E71). REGION 4508 (N06W30) CONTINUES ITS SLOW DECLINE AND REGION 4509 (S11E35) IS VIRTUALLY UNCHANGED. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. NO REGIONS ARE DUE TO RETURN UNTIL 13 JUNE WHEN OLD 4492 SHOULD BECOME VISIBLE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. THE TRAILING EDGE OF THE CORONAL HOLE WILL CONTINUE TO BE A FACTOR.

III. EVENT PROBABILITIES 11 JUN-13 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUN 090

PREDICTED 11 JUN-13 JUN 092/094/096

90 DAY MEAN 10 JUN 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 JUN 020/021

ESTIMATED AFR/AP 10 JUN 016/020

PREDICTED AFR/AP 11 JUN-13 JUN 015/015-010/010-015/020

SOLTERWARN

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*Sol quiet
Mag quiet*