

HFUS3 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER. BOULDER, COLORADO

SDF NUMBER 175

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100 TO 24/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4668(S14E03) WAS THE ONLY SPOTTED REGION ON THE DISK. THIS C80 TYPE SPOT GROUP WITH A BETA MAGNETIC CLASSIFICATION HAS CONTINUED ITS GROWTH AT A REDUCED PACE. NO REGIONS ON THE DISK HAVE PRODUCED ANY SIGNIFICANT ACTIVITY. NO NEW REGIONS WERE NUMBERED TODAY. QUIESCENT PROMINENCES WERE REPORTED AT S29W90 AND S42W90.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 72 HOURS. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 48 HOURS. UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED FOR THE LAST 24 HOURS OF THE PERIOD.

III. EVENT PROBABILITIES 25 JUN-27 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUN 069

PREDICTED 25 JUN-27 JUN 068/068/069

90 DAY MEAN 24 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 JUN 008/013

ESTIMATED AFR/AP 24 JUN 006/010

PREDICTED AFR/AP 25 JUN-27 JUN 005/010-005/010-008/015

SOLTERWARN

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