

HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 176

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4668(S14W11) HAS DECLINED SLIGHTLY TO A BXO TYPE SPOT GROUP WITH A BETA MAGNETIC CLASSIFICATION AND IS THE ONLY SPOTTED REGION ON THE DISK. NO SIGNIFICANT ACTIVITY HAS OCCURRED IN THE PAST 24 HOURS. NO NEW REGIONS WERE NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 26 JUN-28 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUN 069

PREDICTED 26 JUN-28 JUN 068/069/070

90 DAY MEAN 25 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JUN 005/008

ESTIMATED AFR/AP 25 JUN 011/015

PREDICTED AFR/AP 26 JUN-28 JUN 005/010-008/015-010/015

SOLTERWARN

BT