

HFUSS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 199

JOINT USAF/NCAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2000Z 18 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4677(S14E40) WAS A CAO TYPE SPOT GROUP WITH A BETA MAGNETIC CLASSIFICATION. NO OTHER SPOTTED REGIONS WERE OBSERVED. AN ACTIVE PROMINENCE WAS REPORTED AT N05W90. NO NEW REGIONS WERE NUMBERED TODAY.

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 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 19 JUL-21 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUL 070

PREDICTED 19 JUL-21 JUL 070/069/069

90 DAY MEAN 18 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 JUL 019/026

ESTIMATED AFR/AP 18 JUL 012/016

PREDICTED AFR/AP 19 JUL-21 JUL 008/010-008/010-010/010

SOLTERWARN

BT