

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 200

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 JUL 1985

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4677(S14E27) REMAINED A CSO TYPE SPOT GROUP. THIS STABLE BIPOLE IS THE ONLY SPOTTED REGION ON THE DISK. THE REST OF THE DISK AND LIMBS WERE QUIET. NO NEW REGIONS WERE NUMBERED TODAY.

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

I IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS.

I IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR THE NEXT 48 HOURS AND UNSETTLED TO ACTIVE FOR THE SUBSEQUENT 24 HOURS.

III. EVENT PROBABILITIES 20 JUL-22 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUL 069

PREDICTED 20 JUL-22 JUL 069/069/069

90 DAY MEAN 19 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 JUL 011/020

ESTIMATED AFR/AP 19 JUL 012/016

PREDICTED AFR/AP 20 JUL-22 JUL 008/010-010/010-012/015

SOLTERWARN

BT