

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 202

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 21 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100
TO 21/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL. ONLY ONE
SUNSPOT IS CURRENTLY VISIBLE ON THE SOLAR DISK, AN H TYPE SPOT
IN REGION 4677 (S13 E01). THIS REGION PRODUCED THE ONLY FLARE
ACTIVITY OF THE DAY, A VERY SMALL SUBFLARE AT 0314UT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN AT A VERY LOW LEVEL. NO SIGNIFICANT REGIONS ARE DUE TO
RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z:
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 22 JUL-24 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JUL 069

PREDICTED 22 JUL-24 JUL 069/069/069

90 DAY MEAN 21 JUL 080

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 JUL 007/014

ESTIMATED AFR/AP 21 JUL 011/014

PREDICTED AFR/AP 22 JUL-24 JUL 012/015-012/015-012/020

SOLTERWARN

BT