

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 192

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 JUL 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. EACH OF THE THREE VISIBLE REGIONS MANAGED TO PRODUCE SUBFLARES BUT ONLY REGION 4671 (S15W63) PRODUCED A CLASS C EVENT. REGION 4670 HAS ROTATED OVER THE WEST LIMB. NO NEW REGIONS ARE EXPECTED ON THE EAST LIMB.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT LOW TO MODERATE LEVELS DURING THE NEXT 24 HOURS. CLASS C ACTIVITY SHOLUD BE THE MOST COMMON OCCURRENCE BUT AN ISOLATED M EVENT IS STILL A REAL POSSIBILITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF MINOR STORM CONDITIONS. FILAMENT DISRUPTIONS ALONG WITH A SLIGHT POSSIBILITY OF EFFECTS FROM THE 090204UT (MAX) M2 FLARE BEING THE LIKELY SOURCES FOR THIS ACTIVITY.

III. EVENT PROBABILITIES 12 JUL-14 JUL

CLASS M 50/40/35

CLASS X 10/10/10

PROTON 10/10/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUL 094

PREDICTED 12 JUL-14 JUL 090/085/081

90 DAY MEAN 11 JUL 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JUL 011/011

ESTIMATED AFR/AP 11 JUL 014/017

PREDICTED AFR/AP 12 JUL-14 JUL 022/030-017/025-010/020

SOLTERWARN

BT