

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 167

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100Z TO 16/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. EXCEPT FOR TWO SUBFLARES FROM REGION 4663 (S02W62) THE DISK HAS BEEN QUIET. HOWEVER, THE SUBFLARE AT 1739UT (MAX) REACHED CLASS C1 CATEGORY. REGION 4662 HAS ROTATED OVER THE WEST LIMB WHILE A SMALL BI-POLAR GROUP, REGION 4667, IS FORMING NEAR N09E22.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE FOR THE NEXT THREE DAYS AS THE FIELD RESPONDS TO A RASH OF SMALL FILAMENT DISAPPEARANCES.

III. EVENT PROBABILITIES 17 JUN-19 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JUN 078

PREDICTED 17 JUN-19 JUN 077/076/075

90 DAY MEAN 16 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 JUN 004/011

ESTIMATED AFR/AP 16 JUN 006/010

PREDICTED AFR/AP 17 JUN-19 JUN 005/015-008/020-005/015

SOLTERWARN

BT