

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 169

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. ONLY REGIONS 4663 (S01W89) AND 4666 (S09W18) ARE LEFT ON THE DISK AND NEITHER HAS PRODUCED ANY ACTIVITY TODAY. THE LIMBS ARE ALSO QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS FOR THE NEXT THREE DAYS. THE ACTIVE LEVELS ARE EXPECTED AS A RESULT OF THE DISAPPEARANCE OF SOME FILAMENT SEGMENTS DURING THE PAST FEW DAYS.

III. EVENT PROBABILITIES 19 JUN-21 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUN 071

PREDICTED 19 JUN-21 JUN 070/069/069

90 DAY MEAN 18 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 JUN 007/011

ESTIMATED AFR/AP 18 JUN 007/012

PREDICTED AFR/AP 19 JUN-21 JUN 005/015-008/020-005/015

SOLTERWARN

BT