

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 177

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONE NEW REGION WAS NUMBERED TODAY AS REGION 4669 (S11E12), AND IS THE ONLY SPOTTED REGION ON THE DISK. EARLY IN THE DAY TWO SIGNIFICANT FILAMENTS DISAPPEARED (16 DEGREE FIL AT N31 CAR 110 AND A 9 DEGREE FIL AT S39 CAR 136), BUT THEY ARE PROBABLY NOT ASSOCIATED WITH ANYTHING VERY ENERGETIC AS THERE WAS NO ENHANCEMENT IN THE BACKGROUND X-RAY FLUX AROUND THE TIME OF DISAPPEARANCE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE AT ALL LATITUDES FOR THE PAST 24 HOURS, AND TENDING TOWARD STORM LEVELS DURING THE LAST THREE HOUR PERIOD. THE CAUSE OF THIS ACTIVITY IS UNKNOWN.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 JUN-29 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUN 068

PREDICTED 27 JUN-29 JUN 068/068/069

90 DAY MEAN 26 JUN 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 JUN 014/016

ESTIMATED AFR/AP 26 JUN 015/023

PREDICTED AFR/AP 27 JUN-29 JUN 015/015-010/015-013/015

SOLTERWARN

BT