

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 173

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 JUN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4667(N09W61), AN AXB TYPE SPOT GROUP, WAS THE ONLY SPOTTED REGION ON THE DISK. AN ACTIVE PROMINENCE WAS REPORTED AT S28E90 AND QUIESCENT PROMINENCES AT S40W90 AND S12E90. NO REGION ON THE DISK PRODUCED ANY SIGNIFICANT ACTIVITY. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 72 HOURS. NO REGIONS ARE EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT 24 HOURS. THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE SUBSEQUENT 48 HOURS.

III. EVENT PROBABILITIES 23 JUN-25 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUN 069

PREDICTED 23 JUN-25 JUN 069/068/068

90 DAY MEAN 22 JUN 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 JUN 009/012

ESTIMATED AFR/AP 22 JUN 012/015

PREDICTED AFR/AP 23 JUN-25 JUN 008/015-005/010-005/010

SOLTERWARN

BT