

AFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 100

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. NO SPOTTED REGIONS WERE OBSERVED ON THE DISK AND THE LIMBS WERE QUIET. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO RETURNING REGIONS ARE EXPECTED TO PROVIDE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE FOR THE PAST 24 HOURS. THE MINOR MAGNETIC STORM OF 09 APRIL 85 HAD ENDED BY 2100UT ON THE NINTH. QUIET CONDITIONS PREVAILED EARLY IN THE PERIOD THIS WAS FOLLOWED BY GENERALLY UNSETTLED CONDITIONS AT LOW LATITUDES AND ACTIVE CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 11 APR-13 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 APR 069

PREDICTED 11 APR-13 APR 069/069/070

90 DAY MEAN 10 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 APR 028/042

ESTIMATED AFR/AP 10 APR 012/016

PREDICTED AFR/AP 11 APR-13 APR 012/020-010/020-008/015

SOLTERWARN

BT