

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 092

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. NEW REGION 4642 (S21E40) DEVELOPED OVERNIGHT AND IS A SMALL C TYPE GROUP. ITS PLAGE IS SMALL AND ONLY MODERATELY BRIGHT. REGION 4640 (S26E29) NO LONGER HAS A SPOT GROUP AND REGION 4637 (N06W72) IS DECAYING.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS.

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

III. EVENT PROBABILITIES 03 APR-05 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APR 073

PREDICTED 03 APR-05 APR 073/073/073

90 DAY MEAN 02 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 APR 020/024

ESTIMATED AFR/AP 02 APR 012/021

PREDICTED AFR/AP 03 APR-05 APR 015/020-010/020-010/015

SOLTERWARN

BT