

AFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 095

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z TO 05/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGIONS 4642 (S20E01) AND 4643 (S15E49) HAVE RETAINED THEIR SPOT GROUPS; BOTH ARE SMALL SIMPLE BETA TYPES. ISOLATED SUBFLARES HAVE BEEN OBSERVED IN BOTH REGIONS. THE REST OF THE DISK AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

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

III. EVENT PROBABILITIES 06 APR-08 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 APR 071

PREDICTED 06 APR-08 APR 071/070/070

90 DAY MEAN 05 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 APR 016/021

ESTIMATED AFR/AP 05 APR 010/015

PREDICTED AFR/AP 06 APR-08 APR 010/010-008/010-008/010

SOLTERWARN

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