

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 108

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION 4546 (508E63) WAS A SIMPLE BETA-TYPE WITH THREE SPOTS IN WHITE-LIGHT. DARK SURGING AND AN ACTIVE DARK FILAMENT WAS OBSERVED WITH THIS REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO RETURNING REGION PROVIDES SIGNIFICANT ACTIVITY POTENTIAL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: GEOMAGNETIC ACTIVITY WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 19 APR-21 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 APR 071

PREDICTED 19 APR-21 APR 072/073/073

90 DAY MEAN 18 APR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 APR 005/010

ESTIMATED AFR/AP 18 APR 007/010

PREDICTED AFR/AP 19 APR-21 APR 028/015-007/015-006/010

SOLTERWARN

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