

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 063

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 MAR 1989

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY WAS LOW. ONLY A FEW C-CLASS SUBFLARES WERE OBSERVED. MOST DISK REGIONS HAVE DECAYED SINCE YESTERDAY. ONE SMALL NEW REGION WAS NUMBERED (5391).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. THERE IS A SMALL CHANCE OF AN ISOLATED M-CLASS FLARE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD WAS AT QUIET TO ACTIVE LEVELS WITH ISOLATED PERIODS OF MINOR STORM CONDITIONS.

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

III. EVENT PROBABILITIES 05 MAR-07 MAR

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAR 166

PREDICTED 05 MAR-07 MAR 165/160/165

90 DAY MEAN 04 MAR 221

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 MAR 027/035

ESTIMATED AFR/AP 04 MAR 014/020

PREDICTED AFR/AP 05 MAR-07 MAR 015/020-015/020-010/018