

*RUN" P25

HFUS 3 BOU 102200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 070

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 10 MAR 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100
TO 10/2100Z: SOLAR ACTIVITY HAS CONTINUED LOW DURING THIS PERIOD
WITH ONLY SMALL B CLASS X RAY EVENTS BEING RECORDED. ALL
REGIONS ARE MAGNETICALLY SIMPLE AGAIN TODAY AND HAVE EXHIBITED
LITTLE CHANGE IN SIZE. NO NEW REGIONS WERE REPORTED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN LOW DURING THIS FORECAST PERIOD AS CURRENT DISK AND OLD
RETURNING REGIONS DO NOT APPEAR CAPABLE OF ENERGETIC ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:
THE GEOMAGNETIC FIELD WAS AT GENERALLY UNSETTLED TO SLIGHTLY
ACTIVE LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT UNSETTLED LEVELS UNTIL THE LAST DAY OF THIS
FORECAST WHEN ACTIVE CONDITIONS ARE EXPECTED. SHORT PERIODS OF
ACTIVE TO MINOR STORM CONDITIONS PROBABLY WILL OCCUR DURING THE
NIGHT TIME SECTORS AT THE HIGH LATITUDE SITES THE LAST HALF OF
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 11 MAR-13 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 100

PREDICTED 11 MAR-13 MAR 100/098/098

90 DAY MEAN 10 MAR 118

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 MAR 012/015

ESTIMATED AFR/AP 10 MAR 011/015

PREDICTED AFR/AP 11 MAR-13 MAR 012/015-015/015-015/020

SOLTERWARN

BT