

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/25/86 00:00:00

End : 03/25/86 23:59:00

03/25 22:00

2126

053 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 084

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4720 (N03E42) APPEARS STABLE. NO NEW REGIONS WERE NUMBERED TODAY AND THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN ACTIVE WITH PERIODS OF STORM CONDITIONS AT ALL LATITUDES. MINOR TO MAJOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES AFTER 0300 UT 25 MARCH. MINOR STORM CONDITIONS WERE OBSERVED AT MIDDLE LATITUDES 0300-1200 UT 25 MARCH.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 26 MAR-28 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 25 MAR 070

PREDICTED 26 MAR-28 MAR 071/073/074

90 DAY MEAN 25 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 MAR 015/026

ESTIMATED AFR/AP 25 MAR 018/025

PREDICTED AFR/AP 26 MAR-28 MAR 012/015-008/015-008/010

SOLTERWARN

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