

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/31/86 00:00:00

End : 03/31/86 23:59:00

03/31 22:00

2120

US3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 090

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 31/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO SPOTTED REGIONS WERE VISIBLE ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: GEOMAGNETIC ACTIVITY WAS GENERALLY QUIET TO UNSETTLED UNTIL 31/1200Z. AFTER THAT TIME, THE FIELD BECAME UNSETTLED TO ACTIVE WITH BRIEF STORM CONDITIONS OBSERVED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE LEVELS WITH POSSIBLE MINOR STORM CONDITIONS OCCURRING ON 02 APRIL.

III. EVENT PROBABILITIES 01 APR-03 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 071

PREDICTED 01 APR-03 APR 072/072/072

DAY MEAN 31 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 MAR 004/008

ESTIMATED AFR/AP 31 MAR 008/012

PREDICTED AFR/AP 01 APR-03 APR 015/020-019/030-016/025

SOLTERWARN

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