

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/19/86 00:00:00

End : 03/19/86 23:59:00

03/19 22:00

2120

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 078

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE DISK IS STILL SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT GENERALLY ACTIVE LEVELS FOR THE NEXT THREE DAYS WITH POSSIBLE STORM CONDITIONS ON THE 21ST. THIS ACTIVITY IS EXPECTED AS A RESULT OF RECURRING CONDITIONS.

III. EVENT PROBABILITIES 20 MAR-22 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

V. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAR 069

PREDICTED 20 MAR-22 MAR 070/070/071

90 DAY MEAN 19 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 MAR 009/014

ESTIMATED AFR/AP 19 MAR 010/010

PREDICTED AFR/AP 20 MAR-22 MAR 020/020-020/030-020/025

SOLTERWARN

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