

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/21/86 00:00:00

End : 03/21/86 23:59:00

03/21 22:00

2132

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 080

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE DISK IS ONCE AGAIN SPOTLESS AS NO SPOTS HAVE BEEN REPORTED IN REGION 4719 (S12W41) SINCE 1335UT.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED AND THEN BECAME ACTIVE AFTER 1500UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. THE RECURRENCE EFFECT APPEARS TO HAVE SET IN.

III. EVENT PROBABILITIES 22 MAR-24 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAR 069

PREDICTED 22 MAR-24 MAR 070/070/070

90 DAY MEAN 21 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 MAR 002/011

ESTIMATED AFR/AP 21 MAR 012/020

PREDICTED AFR/AP 22 MAR-24 MAR 015/025-012/020-012/020

SOLTERWARN

BT

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