

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/18/86 00:00:00

End : 03/18/86 23:59:00

03/18 22:00

2118

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 077

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE DISK REMAINS 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 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED TO ACTIVE AS IT RESPONDS TO THE EFFECTS OF THE RECURRENCE PATTERN STARTING 19 MARCH. STORM CONDITIONS POSSIBLE ON 21 MARCH.

III. EVENT PROBABILITIES 19 MAR-21 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MAR 070

PREDICTED 19 MAR-21 MAR 070/071/072

90 DAY MEAN 18 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 MAR 007/010

ESTIMATED AFR/AP 18 MAR 012/015

PREDICTED AFR/AP 19 MAR-21 MAR 015/025-020/020-020/030

SOLTERWARN

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