

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/22/86 00:00:00

End : 03/22/86 23:59:00

3/22 22:00

2131

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 081

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100 TO 22/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4719 (S12W58) HAS REGENERATED A SMALL B TYPE SPOT GROUP WITH 3 SPOTS. NOTHING ELSE ON THE DISK HAS CHANGED.

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 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO ACTIVE LEVELS WITH PERIODS AT STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. THE RECURRENCE PATTERN HAS APPARENTLY RETURNED.

III. EVENT PROBABILITIES 23 MAR-25 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 MAR 070

PREDICTED 23 MAR-25 MAR 070/071/071

90 DAY MEAN 22 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 MAR 014/020

ESTIMATED AFR/AP 22 MAR 018/025

PREDICTED AFR/AP 23 MAR-25 MAR 015/020-012/020-012/020

SOLTERWARN

BT

NNNN

<003>