

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/27/86 00:00:00

End : 01/27/86 23:59:00

01/27 22:00

2119

0053 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 027

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: 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 CONTINUE AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE WITH OCCASIONAL MINOR STORM CONDITIONS. MAJOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS WITH NIGHTTIME STORM CONDITIONS FOR ANOTHER 36 TO 48 HOURS.

III. EVENT PROBABILITIES 28 JAN-30 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 069

PREDICTED 28 JAN-30 JAN 069/069/069

DAY MEAN 27 JAN 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 JAN 008/013

ESTIMATED AFR/AP 27 JAN 025/030

PREDICTED AFR/AP 28 JAN-30 JAN 020/025-020/025-015/015

SOLTERWARN

BT

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