

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/28/86 00:00:00

End : 12/28/86 23:59:00

12/28 22:00

2200

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 362

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4760 (LO;283) IS DUE BACK ON 30 DECEMBER, HOWEVER, IT LEFT THE DISK AS A SPOTLESS REGION AND IS NOT EXPECTED TO BE OF SIGNIFICANCE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT ALL LATITUDES DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT TWO DAYS AND QUIET TO UNSETTLED ON THE THIRD DAY OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 29 DEC-31 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 DEC 072

PREDICTED 29 DEC-31 DEC 071/071/071

90 DAY MEAN 28 DEC 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 DEC 009/009

ESTIMATED AFR/AP 28 DEC 008/010

PREDICTED AFR/AP 29 DEC-31 DEC 014/018-012/015-007/012

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12/28 22:00

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HFUS3 BOU 282200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

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