

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/21/87 00:00:00

End : 12/21/87 23:59:00

12/21 22:00

2202

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 355

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 DEC 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100Z TO 21/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED. ONE BRIEF MINOR STORM CONDITION OCCURRED AT HIGH LATITUDES VERY LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED.

III. EVENT PROBABILITIES 22 DEC-24 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 DEC 094

PREDICTED 22 DEC-24 DEC 093/093/092

70 DAY MEAN 21 DEC 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 DEC 004/009

ESTIMATED AFR/AP 21 DEC 006/013

PREDICTED AFR/AP 22 DEC-24 DEC 008/015-010/015-012/015

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