

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/17/86 00:00:00

End : 12/17/86 23:59:00

12/17 22:00

2204

HFUS3 BOU 172200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 351

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK HAS NO SPOTTED NUMBERED REGIONS, BUT A SMALL TRANSIENT SPOT WAS OBSERVED NEAR S31W09 EARLY IN THE DAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT ALL LATITUDES WITH THE EXCEPTION OF UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS AT ONE MIDDLE LATITUDE STATION.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET AT MIDDLE LATITUDES AND UNSETTLED AT HIGH LATITUDES FOR THE NEXT TWO DAYS. UNSETTLED CONDITIONS AT MIDDLE LATITUDES AND ACTIVE CONDITIONS AT HIGH LATITUDES ARE EXPECTED ON THE THIRD DAY.

III. EVENT PROBABILITIES 18 DEC-20 DEC

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DEC 074

PREDICTED 18 DEC-20 DEC 073/073/072

90 DAY MEAN 17 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 DEC 011/013

ESTIMATED AFR/AP 17 DEC 004/007

PREDICTED AFR/AP 18 DEC-20 DEC 005/010-005/010-010/015

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2238

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