

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/18/86 00:00:00

End : 12/18/86 23:59:00

12/18 22:00

2203

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 352

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED ON 19 DECEMBER, BECOMING UNSETTLED WITH A CHANCE FOR BRIEF PERIODS OF ACTIVE CONDITIONS ON 20-21 DECEMBER.

III. EVENT PROBABILITIES 19 DEC-21 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 074

PREDICTED 19 DEC-21 DEC 073/072/072

DAY MEAN 18 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 DEC 004/006

ESTIMATED AFR/AP 18 DEC 002/006

PREDICTED AFR/AP 19 DEC-21 DEC 005/010-010/015-010/015

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