

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/24/87 00:00:00

End : 01/24/87 23:59:00

01/24 22:00

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HFUS3 BOU 242200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 024

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 24 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 23/2100Z TO 24/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4765 (S25W45) HAS DECAYED CONSIDERABLY DURING THE PAST 24 HOURS ACCORDING TO REPORTS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW DURING THE ENTIRE FORECAST PERIOD. FURTHER DECAY AND CONTINUED ACTIVITY DECREASE IS EXPECTED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 23/2100Z TO 24/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED ON 25 AND 27 JANUARY WITH ACTIVE CONDITIONS EXPECTED ON 26 JANUARY DUE TO PARAMETERS DISCUSSED IN YESTERDAYS FORECAST NARRATIVE.

III. EVENT PROBABILITIES 25 JAN-27 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JAN 074

PREDICTED 25 JAN-27 JAN 074/074/074

90 DAY MEAN 24 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 23 JAN 009/011

ESTIMATED AFR/AP 24 JAN 010/013

PREDICTED AFR/AP 25 JAN-27 JAN 010/013-015/017-010/013

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