

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/16/87 00:00:00

End : 01/16/87 23:59:00

01/16 22:00

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HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 016

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100Z TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE SUNSPOT IN REGION 4764 (S25E48) IS NO LONGER VISIBLE. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH PERIODS OF ACTIVE CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17 JAN-19 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JAN 073

PREDICTED 17 JAN-19 JAN 073/074/074

DAY MEAN 16 JAN 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 JAN 004/005

ESTIMATED AFR/AP 16 JAN 010/013

PREDICTED AFR/AP 17 JAN-19 JAN 010/015-010/015-012/017

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