

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/17/87 00:00:00

End : 01/17/87 23:59:00

01/17 22:00

2215

HFUS3 BOU 172200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 017

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 JAN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4764 (S27E36) HAS REGAINED ITS SPOT AND NEW REGION 4765 (S27E45) WAS NUMBERED TODAY. BOTH REGIONS ARE AXX TYPE SPOT GROUPS. THE REST OF THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. REGIONS 4764 AND 4765 ARE NOT EXPECTED TO PRODUCE SIGNIFICANT FLARE ACTIVITY. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND UNSETTLED TO SLIGHTLY ACTIVE AT HIGH LATITUDES FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 18 JAN-20 JAN

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JAN 073

PREDICTED 18 JAN-20 JAN 073/073/073

90 DAY MEAN 17 JAN 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 JAN 009/013

ESTIMATED AFR/AP 17 JAN 008/011

PREDICTED AFR/AP 18 JAN-20 JAN 012/015-014/017-012/015

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01/17 22:00

2246

HFUS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 9P,

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