

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/23/86 00:00:00

End : 10/23/86 23:59:00

10/23 22:00

2312

HFUS3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 296

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 OCT 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4750 (N23W05) CONTINUES TO PRODUCE MINOR RADIO SWEEPS/BURSTS AND X-RAY EVENTS - THE LARGEST OF WHICH WAS A C1/ON AT 23/0107Z - AND HAS APPEARED TO DECAY. NO NEW REGION WAS NUMBERED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4750 IS EXPECTED TO CONTINUE DECAYING SLOWLY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 24 OCT-26 OCT

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 OCT 099

PREDICTED 24 OCT-26 OCT 098/097/095

90 DAY MEAN 23 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 OCT 005/010

ESTIMATED AFR/AP 23 OCT 008/012

PREDICTED AFR/AP 24 OCT-26 OCT 010/015-010/015-010/015

SOLTERWARN

BT

NNNN

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10/23 22:28

2232

HFUS3 BOU 232228

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 296

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IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE