

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/11/87 00:00:00

End : 05/11/87 23:59:00

05/11 22:00

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HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 131

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4806 (S31W08) PRODUCED A FEW LOW B-LEVEL X-RAY SUBFLARES. IT DECAYED SLIGHTLY IN MOST ASPECTS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. BRIEF STORM CONDITIONS ARE POSSIBLE THE LAST HALF OF THE PERIOD. THIS DISTURBANCE IS IN RESPONSE TO TWO DISAPPEARING FILAMENTS OF 10 MAY.

III. EVENT PROBABILITIES 12 MAY-14 MAY

CLASS M 02/01/01

CLASS X 01/01/01

PROTON 01/01/21

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAY 085

PREDICTED 12 MAY-14 MAY 083/081/078

90 DAY MEAN 11 MAY 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 MAY 012/014

ESTIMATED AFR/AP 11 MAY 006/009

PREDICTED AFR/AP 12 MAY-14 MAY 008/015-015/018-010/015

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