

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/28/86 00:00:00

End : 04/28/86 23:59:00

04/28 22:00

2138

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 118

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100 TO 28/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4726 (N04W59) DECAYED SLIGHTLY IN ALL ASPECTS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE. ONE PERIOD OF MAJOR STORM CONDITIONS WAS OBSERVED AT HIGH LATITUDES. THIS DISTURBANCE WAS POSSIBLY THE CONSEQUENCE OF THE TWO M-LEVEL X-RAY FLARES ON 24 APR 86.

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

III. EVENT PROBABILITIES 29 APR-01 MAY

CLASS M 20/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 APR 079

PREDICTED 29 APR-01 MAY 077/075/074

DAY MEAN 28 APR 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 APR 003/007

ESTIMATED AFR/AP 28 APR 013/020

PREDICTED AFR/AP 29 APR-01 MAY 011/020-009/015-008/010

SOLTERWARN

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