

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/29/87 00:00:00

End : 04/29/87 23:59:00

04/29 22:00

2201

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 119

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED REGIONS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO REGIONS ARE DUE TO RETURN WITHIN THIS FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MIDDLE LATITUDES. THE HIGH LATITUDE FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE FIRST DAY OF THE FORECAST PERIOD, BECOMING UNSETTLED TO ACTIVE FOR THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 30 APR-02 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 APR 073

PREDICTED 30 APR-02 MAY 075/075/075

90 DAY MEAN 29 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 APR 002/006

ESTIMATED AFR/AP 29 APR 004/007

PREDICTED AFR/AP 30 APR-02 MAY 005/010-012/015-012/015

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