

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/28/87 00:00:00

End : 04/28/87 23:59:00

04/28 22:00

2201

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 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4797 (N04W16) CONTINUES TO DECAY SLOWLY AND HAS NOT PRODUCED ANY SIGNIFICANT ACTIVITY. THREE SMALL BIPOLAR REGIONS WERE NUMBERED TODAY: 4801 (N26E31), 4802 (S36W25), AND 4803 (S28E01).

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MOSTLY 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.

III. EVENT PROBABILITIES 29 APR-01 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 APR 073

PREDICTED 29 APR-01 MAY 074/075/075

90 DAY MEAN 28 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 APR 011/014

ESTIMATED AFR/AP 28 APR 002/008

PREDICTED AFR/AP 29 APR-01 MAY 005/010-005/010-012/014

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