

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/27/87 00:00:00

End : 04/27/87 23:59:00

04/27 22:00

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HFUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 117

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100Z TO 27/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED REGIONS WERE QUIET. REGION 4797 (N03W03) IS THE ONLY REGION WITH SPOTS AND HAS NOT PRODUCED ANY SIGNIFICANT ACTIVITY DURING THE PAST 24 HOURS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES. THE HIGH LATITUDE FIELD HAS BEEN MOSTLY UNSETTLED WITH PERIODS AT ACTIVE LEVELS.

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

III. EVENT PROBABILITIES 28 APR-30 APR

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 APR 074

PREDICTED 28 APR-30 APR 074/074/075

90 DAY MEAN 27 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 APR 005/008

ESTIMATED AFR/AP 27 APR 010/014

PREDICTED AFR/AP 28 APR-30 APR 010/014-005/010-005/010

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