

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/29/87 00:00:00

End : 10/29/87 23:59:00

10/29 22:00

2201

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 302

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 OCT 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4978 (S20E22) PRODUCED SMALL B-CLASS X-RAY SUBFLARES WITHOUT SIGNIFICANT RADIO ASPECTS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE TO UNSETTLED. BRIEF MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE TO UNSETTLED THROUGHOUT THE NEXT THREE DAYS (30OCT-01NOV). OCCASIONAL STORM CONDITIONS ARE EXPECTED AT HIGH LATITUDES.

III. EVENT PROBABILITIES 30 OCT-01 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

I OTTAWA 10.7 CM FLUX

OBSERVED 29 OCT 104

PREDICTED 30 OCT-01 NOV 105/100/095

90 DAY MEAN 29 OCT 092

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 OCT 033/058

ESTIMATED AFR/AP 29 OCT 017/023

PREDICTED AFR/AP 30 OCT-01 NOV 015/020-016/025-014/020

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