

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/29/87 00:00:00

End : 11/29/87 23:59:00

11/29 22:00

2201

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 333

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUE# 2200Z 29 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY WAS VERY LOW. WEAK SURGING WAS OBSERVED NEAR SW20 AS REGION 4891 TRANSITED THE LIMB. SPOTLESS REGION 4895 (N28W30) PRODUCED A C1 FLARE AT 29/1611Z. NEWLY ASSIGNED REGION 4899 (N28E57) WAS NUMBERED TODAY.

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 QUIET TO UNSETTLED AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE ON 30 NOVEMBER. THE REMAINING TWO DAYS WILL BE QUIET TO UNSETTLED.

III. EVENT PROBABILITIES 30 NOV-02 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 NOV 093

PREDICTED 30 NOV-02 DEC 094/095/095

90 DAY MEAN 29 NOV 095

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 NOV 008/013

ESTIMATED AFR/AP 29 NOV 004/008

PREDICTED AFR/AP 30 NOV-02 DEC 010/016-005/015-005/013

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