

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/27/87 00:00:00

End : 11/27/87 23:59:00

11/27 22:00

2309

HFUS3 BOU 272200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 331

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100Z TO 27/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE ONLY X-RAY FLARE OF THE PERIOD WAS A B8/SF AT 27/1335Z FROM NEARLY SPOTLESS REGION 4891 (S29W69). REGION 4896 (S22W82) WAS QUIET AS IT BEGAN WEST LIMB TRANSIT. SMALL NEW REGION 4898 (S31E28) EMERGED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE MIDDLE LATITUDE GEOMAGNETIC FIELD WAS ACTIVE. THE HIGH LATITUDE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS FOR MOST OF THE DAY WITH MAJOR STORM CONDITIONS OBSERVED BETWEEN 27/0900-1200Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GENERALLY ACTIVE GEOMAGNETIC CONDITIONS ARE FORECAST FOR THE NEXT THREE DAYS. PERIODS AT MINOR STORM LEVELS ARE LIKELY. THE MOST DISTURBED PERIODS SHOULD OCCUR ON 28 NOV.

III. EVENT PROBABILITIES 28 NOV-30 NOV

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 NOV 098

PREDICTED 28 NOV-30 NOV 096/095/094

90 DAY MEAN 27 NOV 095

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 NOV 014/021

ESTIMATED AFR/AP 27 NOV 022/032

PREDICTED AFR/AP 28 NOV-30 NOV 023/025-015/018-015/022

PLAIN

RETRANSMITTED PER GWC REQUEST

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