

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/29/86 00:00:00

End : 12/29/86 23:59:00

12/29 22:00

2227

HFUS3 BOU 292200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 363

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THERE HAS BEEN REPORTS OF AN ERUPTIVE PROMINENCE (EPL) LOCATED AT S29W90, HOWEVER, THE DISAPPEARANCE IS TAKING SEVERAL HOURS TO COMPLETE AND IS NOT EXPECTED TO HAVE ANY SIGNIFICANT EFFECTS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE ENTIRE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 DEC-01 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DEC 072

PREDICTED 30 DEC-01 JAN 071/071/071

90 DAY MEAN 29 DEC 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 DEC 004/005

ESTIMATED AFR/AP 29 DEC 006/008

PREDICTED AFR/AP 30 DEC-01 JAN 007/012-007/010-005/010

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