

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/04/87 00:00:00

End : 12/04/87 23:59:00

12/04 22:00

2202

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 338

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 04 DEC 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z  
TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW REGION  
4901 (S23E19) WAS NUMBERED AND IS GROWING SLOWLY AS A SIMPLE  
BIPOLAR GROUP WITHOUT PENUMBRA. THE REMAINDER OF THE SOLAR DISK  
WAS QUIET AND STABLE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z:  
THE GEOMAGNETIC FIELD WAS GENERALLY QUIET. A PERIOD OF UNSETTLED  
LEVELS AT MID-LATITUDES AND UNSETTLED TO SLIGHTLY ACTIVE LEVELS  
AT HIGH LATITUDES WAS OBSERVED FROM 04/1800-04/2100Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE QUIET TO UNSETTLED FOR 05 DECEMBER, BECOMING  
INCREASINGLY UNSETTLED WITH ISOLATED ACTIVE PERIODS FOR 06-07  
DECEMBER.

III. EVENT PROBABILITIES 05 DEC-07 DEC

CLASS M 01/01/01

CLASS X 01/01/01

FLUTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 DEC 088

PREDICTED 05 DEC-07 DEC 089/089/090

90 DAY MEAN 04 DEC 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 DEC 012/015

ESTIMATED AFR/AP 04 DEC 005/008

PREDICTED AFR/AP 05 DEC-07 DEC 005/012-010/014-012/016

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