

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/13/86 00:00:00

End : 12/13/86 23:59:00

12/13 22:00

2201

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 347

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100Z TO 13/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. BOTH REGIONS ON THE DISK HAVE BEEN QUIET. A LARGE QUIESCENT PROMINENCE POSITIONED NEAR N40 AT EAST LIMB DISAPPEARED SOME TIME EARLY IN THE PERIOD. HOWEVER, THERE WERE NO SIGNIFICANT X-RAY ENHANCEMENTS DETECTED DURING THAT TIME.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD WILL REMAIN AT QUIET TO UNSETTLED LEVELS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 14 DEC-16 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 DEC 074

PREDICTED 14 DEC-16 DEC 074/075/075

90 DAY MEAN 13 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 DEC 003/006

ESTIMATED AFR/AP 13 DEC 005/008

PREDICTED AFR/AP 14 DEC-16 DEC 010/010-005/005-005/005

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