

OBSERVED NEAR S31W09 EARLY IN THE DAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET AT ALL LATITUDES WITH THE EXCEPTION OF UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS AT ONE MIDDLE LATITUDE STATION.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET AT MIDDLE LATITUDES AND UNSETTLED AT HIGH LATITUDES FOR THE NEXT TWO DAYS. UNSETTLED CONDITIONS AT MIDDLE LATITUDES AND ACTIVE CONDITIONS AT HIGH LATITUDES ARE EXPECTED ON THE THIRD DAY.

III. EVENT PROBABILITIES 18 DEC-20 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DEC 074

PREDICTED 18 DEC-20 DEC 073/073/072

90 DAY MEAN 17 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 DEC 011/013

ESTIMATED AFR/AP 17 DEC 004/007

PREDICTED AFR/AP 18 DEC-20 DEC 005/010-005/010-010/015

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SESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/16/86 00:00:00

End : 12/16/86 23:59:00

12/16 22:00

2201

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 350

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 DEC 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100Z TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK REMAINS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z:

THE GEOMAGNETIC FIELD WAS GENERALLY QUIET TO UNSETTLED AT

MID-LATITUDES AND UNSETTLED TO ACTIVE AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET TO UNSETTLED FOR THE NEXT 72

HOURS. ISOLATED PERIODS OF ACTIVE CONDITIONS MAY OCCUR AROUND

LOCAL MIDNIGHT.

III. EVENT PROBABILITIES 17 DEC-19 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 DEC 073

PREDICTED 17 DEC-19 DEC 073/072/072

90 DAY MEAN 16 DEC 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 DEC 004/006

ESTIMATED AFR/AP 16 DEC 010/010

PREDICTED AFR/AP 17 DEC-19 DEC 005/010-005/010-005/010

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