

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/01/87 00:00:00

End : 04/01/87 23:59:00

04/01 22:00

2201

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 091

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100Z TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4783 (N04W17) WAS QUIET AND CONTINUES TO DECLINE SLIGHTLY. REGION 4785 (S22W26) LOST ITS SPOTS AND IS A DULL AREA OF PLAGE. NO NEW REGIONS WERE NUMBERED DURING THE PERIOD.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED AT MID-LATITUDES AND UNSETTLED TO ACTIVE WITH A BRIEF PERIOD OF MINOR STORM CONDITIONS AT HIGH LATITUDES. THE FIELD HAS BEEN QUIET TO UNSETTLED SINCE ABOUT 1630UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED FOR THE NEXT THREE DAYS, WITH A POSSIBILITY FOR OCCASIONAL ACTIVE PERIODS AT HIGH LATITUDES ON 3-4 APRIL.

III. EVENT PROBABILITIES 02 APR-04 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 APR 073

PREDICTED 02 APR-04 APR 072/072/072

90 DAY MEAN 01 APR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 MAR 006/008

ESTIMATED AFR/AP 01 APR 010/013

PREDICTED AFR/AP 02 APR-04 APR 010/011-010/020-010/015

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