

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/09/87 00:00:00

End : 03/09/87 23:59:00

03/09 22:00

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HFUS3 BOU 092200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 068

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 MAR 1987

I. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100Z TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4778 (N05W67) IS NOW A SIMPLIFIED CSO TYPE SPOT GROUP. ONLY A FEW MINOR FLARES WERE OBSERVED. NO NEW REGIONS WERE NUMBERED TODAY AND THE REST OF THE DISK AND LIMBS WERE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS RANGED FROM QUIET TO ACTIVE AT ALL LATITUDES WITH A FEW PERIODS OF MINOR STORM CONDITIONS AT SOME OF THE HIGHER LATITUDE STATIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED AT MIDDLE LATITUDES AND UNSETTLED TO SLIGHTLY ACTIVE AT HIGH LATITUDES FOR THE NEXT 24 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE AT MIDDLE LATITUDES AND ACTIVE AT HIGH LATITUDES DURING THE SUBSEQUENT 48 HOURS.

III. EVENT PROBABILITIES 10 MAR-12 MAR

CLASS M 04/02/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAR 075

PREDICTED 10 MAR-12 MAR 074/073/073

90 DAY MEAN 09 MAR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 MAR 014/015

ESTIMATED AFR/AP 09 MAR 012/013

PREDICTED AFR/AP 10 MAR-12 MAR 007/015-014/025-018/025

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