

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/03/87 00:00:00

End : 04/03/87 23:59:00

04/03 22:00

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AFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 093

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4783 (N05W44) IS STILL AN HSX TYPE SPOT GROUP. PLAGE REGION 4786 (S23E74) WAS NEWLY NUMBERED TODAY AND PRODUCED A FEW MINOR FLARES. PORTIONS OF A 30 DEGREE LONG FILAMENT LOCATED NEAR N40W02 DISAPPEARED OVERNIGHT. THE REST OF THE DISK AND LIMBS WERE QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN QUIET AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO GENERALLY UNSETTLED AT ALL LATITUDES FOR THE NEXT THREE DAYS. PERIODS OF ACTIVE CONDITIONS ARE EXPECTED AT HIGH LATITUDES ON 04 APRIL.

III. EVENT PROBABILITIES 04 APR-06 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APR 072

PREDICTED 04 APR-06 APR 072/072/072

90 DAY MEAN 03 APR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 APR 004/009

ESTIMATED AFR/AP 03 APR 001/007

PREDICTED AFR/AP 04 APR-06 APR 009/015-010/010-010/010

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