

SESC Solar Summary and Forecast - For Joe Hirman

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

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

03/04 22:00

44

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 063

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. TWO NEW BIPOLAR REGIONS EMERGED TODAY: REGION 4777 (S22W72) AND REGION 4778 (N07E02). THE ONLY OTHER SPOTTED REGION ON THE DISK, 4773 (N38W24), WAS QUIET AND STABLE DURING THE PERIOD. A 33 DEGREE FILAMENT CENTERED AT S40E22 AT HFUS3 BOU 042200 RTD FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO SDF NUMBER 063

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IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH OCCASIONAL ACTIVE PERIODS AT HIGH LATITUDES. A BRIEF PERIOD OF MINOR STORM CONDITIONS WAS OBSERVED BY SOME STATIONS FROM 0000-0300UT.

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

III. EVENT PROBABILITIES 05 MAR-07 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAR 075

PREDICTED 05 MAR-07 MAR 075/074/074

90 DAY MEAN 04 MAR 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 MAR 007/011

ESTIMATED AFR/AP 04 MAR 012/012

PREDICTED AFR/AP 05 MAR-07 MAR 008/011-010/012-010/012

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