

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/04/87 00:00:00

End : 08/04/87 23:59:00

08/04 22:00

2200

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 216

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 AUG 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100Z TO 04/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4835 (S24E18) DEVELOPED AN ARCH-FILAMENT SYSTEM AND BEGAN GROWING AGAIN, ALTHOUGH IT DID NOT PRODUCE ANY ACTIVITY. REGION 4834 (N16W58) CONTINUED TO DECAY AND WAS QUIET. THE REMAINDER OF THE SOLAR DISK WAS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 05 AUG-07 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 082

PREDICTED 05 AUG-07 AUG 082/082/082

90 DAY MEAN 04 AUG 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 AUG 014/019

ESTIMATED AFR/AP 04 AUG 008/014

PREDICTED AFR/AP 05 AUG-07 AUG 010/015-010/015-010/015

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