

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/04/86 00:00:00

End : 08/04/86 23:59:00

08/04 22:00

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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 216

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4741 (N09W31), ACCORDING TO OPTICAL REPORTS, HAS AGAIN BEGUN TO DECAY. THE REGION IS NOW A CSO/BETA SPOT GROUP. ACTIVITY FROM THE REGION HAS BEEN MINIMAL DURING THE PAST 24 HOURS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGIONS 4741 IS NOT EXPECTED TO HAVE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE WITH MINOR STORM LEVELS OCCURRING AT MID LATITUDES AND MINOR TO MAJOR STORM LEVELS OCCURRING AT HIGH LATITUDES DURING THE PREVIOUS 24 HOURS. ALTHOUGH UNCONFIRMED, THE HIGH LEVEL OF ACTIVITY IS BELIEVED ASSOCIATED WITH THE FILAMENT DISAPPEARANCE DISCUSSED IN YESTERDAYS FORECAST.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS. THE ELEVATED LEVELS OF ACTIVITY OF TODAY ARE NOT EXPECTED TO CONTINUE.

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 070

PREDICTED 05 AUG-07 AUG 070/070/070

90 DAY MEAN 04 AUG 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 AUG 019/029

ESTIMATED AFR/AP 04 AUG 025/027

PREDICTED AFR/AP 05 AUG-07 AUG 012/020-008/015-008/015

SOLTERWARN

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