

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/01/86 00:00:00

End : 08/01/86 23:59:00

08/01 22:00

2119

033 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 213

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 AUG 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100 TO 01/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4741 (N09E09) HAS DECAYED TO A C50/BETA SPOT GROUP. SOME MINOR FLARES, BOTH OPTICAL AND X-RAY, HAVE OCCURRED DURING THE PAST 24 HOURS. REPORTS INDICATE THE REGION CONTINUES TO DECAY IN MOST CHARACTERISTICS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. IT LOOKS DOUBTFUL THAT REGION 4741 WILL ROTATE ACROSS THE ENTIRE DISK AND NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z: GEOMAGNETIC ACTIVITY WAS UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE THE NEXT THREE DAYS. THE FORECAST CONDITIONS OF 2 AUGUST LOOK UNLIKELY FOR OCCURRENCE AT THIS TIME.

III. EVENT PROBABILITIES 02 AUG-04 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUG 071

PREDICTED 02 AUG-04 AUG 071/070/070

90 DAY MEAN 01 AUG 070

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 JUL 011/020

ESTIMATED AFR/AP 01 AUG 010/012

PREDICTED AFR/AP 02 AUG-04 AUG 013/015-010/015-010/015

SOLTERWARN

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