

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/06/87 00:00:00

End : 08/06/87 23:59:00

08/06 22:00

2218

HFUS3 BOU 062200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 218

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 AUG 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100Z TO 06/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4834 (N16W87) HAS BEEN QUIET SINCE YESTERDAY. REGION 4835 (S24W08) CONTINUES TO GROW. THIS REGION IS MATURING AS A D-TYPE SPOT GROUP AND HAS PRODUCED FREQUENT PLAGUE FLUCTUATIONS OVER THE PAST DAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. THE CHANCE OF C-CLASS FLARE ACTIVITY IS INCREASING AS REGION 4835 DEVELOPS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES FOR THE PAST 24 HOURS. THE HIGH LATITUDE FIELD HAS BEEN UNSETTLED TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED.

III. EVENT PROBABILITIES 07 AUG-09 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

POW GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 AUG 083

PREDICTED 07 AUG-09 AUG 086/086/086

90 DAY MEAN 06 AUG 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 AUG 015/027

ESTIMATED AFR/AP 06 AUG 011/015

PREDICTED AFR/AP 07 AUG-09 AUG 010/015-010/012-005/011

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