

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/15/86 00:00:00

End : 07/15/86 23:59:00

07/15 22:00

2141

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 196

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4736 (N06W120) PRODUCED ITS LAST LONG DURATION X-RAY EVENT (LDE) AT 15/1047Z. NEWLY NUMBERED REGION 4738 (N06E70) ROTATED ONTO THE DISK AS A DSO CLASSIFICATION BUT MAY BE MORE COMPLICATED WHEN MORE FULLY VISIBLE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE. STORM CONDITIONS ARE POSSIBLE AS THE RESULT OF THE IMPACT OF THE 11/0506Z AND 13/0401Z LONG DURATION X-RAY EVENTS AND ASSOCIATED CORONAL MASS EJECTIONS.

III. EVENT PROBABILITIES 16 JUL-18 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUL 072

PREDICTED 16 JUL-18 JUL 071/071/071

90 DAY MEAN 15 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 JUL 005/009

ESTIMATED AFR/AP 15 JUL 008/010

PREDICTED AFR/AP 16 JUL-18 JUL 020/025-016/020-015/020

SOLTERWARN

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