

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/11/86 00:00:00

End : 07/11/86 23:59:00

07/11 22:00

2135

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 192

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY WAS MODERATE DUE TO A 2695MHZ RADIO BURST (TENFLARE). WITHOUT THIS QUALIFICATION, SOLAR ACTIVITY WAS VERY LOW. REGION 4736 (N08W64) PRODUCED A C3/ON EVENT AT 11/0506Z WITH AN ASSOCIATED 2695MHZ RADIO BURST OF 230SFU, TYPE II AND III RADIO SWEEPS (IMPORTANCE ONE), AND CORRELATED BURSTS ON ALL OTHER MONITORED DISCRETE FREQUENCIES. IT HAS PEAKED IN ITS RECENT DEVELOPMENT AND IS NOW DECAYING. SPOTTED REGIONS DURING THIS ROTATION HAVE EVOLVED AND DECAYED IN AS LITTLE AS SIX DAYS, AND REGION 4736 APPEARS TO BE FOLLOWING THIS TREND. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD WAS UNSETLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETLED TO ACTIVE.

III. EVENT PROBABILITIES 12 JUL-14 JUL

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUL 072

PREDICTED 12 JUL-14 JUL 072/072/071

90 DAY MEAN 11 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JUL 006/010

ESTIMATED AFR/AP 11 JUL 004/010

PREDICTED AFR/AP 12 JUL-14 JUL 008/012-009/012-010/015

SOLTERWARN

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