

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/18/86 00:00:00

End : 07/18/86 23:59:00

18 22:00

2131

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 199

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4738 (N07E30) IS DECAYING TO A SIMPLE BIPOLAR GROUP. REGION 4739 (S06E15) HAS LOST ITS SPOTS. AN ACTIVE PROMINENCE AT S34 WAS OBSERVED AT THE WEST LIMB EARLY IN THE PERIOD.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 19 JUL-21 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUL 072

PREDICTED 19 JUL-21 JUL 071/070/070

90 DAY MEAN 18 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 JUL 011/017

ESTIMATED AFR/AP 18 JUL 006/012

PREDICTED AFR/AP 19 JUL-21 JUL 010/012-010/012-010/010

SOLTERWARN

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