

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/11/86 00:00:00

End : 04/11/86 23:59:00

04/11 22:00

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N US3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 101

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4723 (S10E32) HAS BEEN QUIET AS IT HAS GROWN SLIGHTLY IN WHITE LIGHT. THE REMAINDER OF THE DISK HAS ALSO BEEN QUIET AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE GENERALLY QUIET TO UNSETTLED THROUGH 13 APRIL. ACTIVE CONDITIONS ARE FORECAST 14 APRIL IN RESPONSE TO DISAPPEARING FILAMENTS OF APRIL 10.

III. EVENT PROBABILITIES 12 APR-14 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 APR 072

PREDICTED 12 APR-14 APR 072/073/073

90 DAY MEAN 11 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 APR 016/037

ESTIMATED AFR/AP 11 APR 005/015

PREDICTED AFR/AP 12 APR-14 APR 005/015-005/015-015/025

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