

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/07/86 00:00:00

End : 04/07/86 23:59:00

04/07 22:00

2146

HPUS3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 097

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE MOST SIGNIFICANT ACTIVITY CONSISTED OF A PROMINENCE ERUPTING FROM S13E90 AT 0332Z TODAY. AN IMPORTANCE TWO TYPE II SWEEP AND A B-6 X-RAY ENHANCEMENT ACCCOMPANIED THE EVENT. NEWLY ASSIGNED REGION 4722 (S09W02) WAS BORN ON THE DISK. THE REGION CONSISTS OF TWO SPOTS, ARCH-FILAMENTS, AND COMPACT PLAGE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE UNSETTLED TO ACTIVE THROUGHOUT THE PERIOD. A RECURRENT DISTURBANCE IS EXPECTED 09 APRIL.

III. EVENT PROBABILITIES 08 APR-10 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV OTTAWA 10.7 CM FLUX

OBSERVED 07 APR 072

PREDICTED 08 APR-10 APR 072/072/073

90 DAY MEAN 07 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 APR 003/009

ESTIMATED AFR/AP 07 APR 003/010

PREDICTED AFR/AP 08 APR-10 APR 010/010-015/025-010/015

SOLTERWARN

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