

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/27/86 00:00:00

End : 04/27/86 23:59:00

04/27 22:00

2118

FUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 117

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4726 (N03W45) PRODUCED A FEW VERY LOW C-LEVEL X-RAY EVENTS, BUT MOST WERE B-LEVELS. ALTHOUGH THE REGION HAD ENLARGED ITS TRAILING PORTION AND OVERALL AREA, IT HAD DECREASED IN SPOTS AND MAGNETIC GRADIENT. THE 10.7CM EAST-WEST SCAN ALSO INDICATES A DECREASE OF THAT 2800MHZ ENERGY. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED. ACTIVE CONDITIONS ARE PROBABLE AT HIGH LATITUDES.

III. EVENT PROBABILITIES 28 APR-30 APR

CLASS M 25/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 APR 082

PREDICTED 28 APR-30 APR 079/077/076

90 DAY MEAN 27 APR 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 APR 007/012

ESTIMATED AFR/AP 27 APR 005/010

PREDICTED AFR/AP 28 APR-30 APR 007/015-011/015-012/015

SOLTERWARN

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