

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/30/86 00:00:00

End : 04/30/86 23:59:00

04/30 22:00

2136

NPUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 120

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4726 (N04W86) CONTINUED ITS SLOW DECAY. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. THE DISTURBANCE CONSEQUENT TO THE 28 DEGREE DISAPPEARING FILAMENT OF 29/0845Z FROM S12E03 IS EXPECTED TO START LATE ON THE LAST DAY (3 MAY).

III. EVENT PROBABILITIES 01 MAY-03 MAY

CLASS M 10/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 APR 074

PREDICTED 01 MAY-03 MAY 072/071/071

90 DAY MEAN 30 APR 079

GEO MAGNETIC A INDICES

OBSERVED AFR/AP 29 APR 008/017

ESTIMATED AFR/AP 30 APR 005/015

PREDICTED AFR/AP 01 MAY-03 MAY 008/010-010/015-019/022

SOLTERWARN

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