

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/14/86 00:00:00

End : 04/14/86 23:59:00

04/14 22:00

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FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 104

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100 TO 14/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4723 (S12W06) HAS REVERTED BACK TO A CLASS B TYPE GROUP WITH LITTLE ELSE IN THE REGION CHANGED. TWO REGIONS ROTATED OVER THE EAST LIMB AND ARE NUMBERED 4724 (S08E68) AND 4725 (S01E71). REGION 4724 IS A SMALL B TYPE GROUP AND 4725 IS A SMALL H GROUP. NOTHING DYNAMIC HAS BEEN REPORTED IN CONJUNCTION WITH EITHER REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS. A SLIGHT INCREASE IN FLARE OCCURRENCE CAN BE EXPECTED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED WITH PERIODIC CONDITIONS OF ACTIVE TO MINOR STORM LEVELS BEING OBSERVED AT SOME HIGH LATITUDE STATIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE WITH OCCASIONAL QUIET CONDITIONS AT MID LATITUDES.

III. EVENT PROBABILITIES 15 APR-17 APR

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 APR 076

PREDICTED 15 APR-17 APR 076/077/078

90 DAY MEAN 14 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 APR 003/009

ESTIMATED AFR/AP 14 APR 005/012

PREDICTED AFR/AP 15 APR-17 APR 010/015-005/015-014/020

SOLTERWARN

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