

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

2113

US3 BOU 142200

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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