

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/15/86 00:00:00

End : 04/15/86 23:59:00

04/15 22:00

2134

NUJS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 105

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. NO MAJOR CHANGES WERE REPORTED IN THE THREE VISIBLE DISK REGIONS. HOWEVER, REGION 4724 (S10E55) DEVELOPED INTO A SMALL H TYPE SPOT GROUP AND FOR A BRIEF PERIOD HAD AN ACTIVE DARK FILAMENT. REGIONS 4723 (S12W17) AND 4725 (S01E57) APPEAR DORMANT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS. SUBFLARE ACTIVITY IS A LIKELY POSSIBILITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED WITH ACTIVE TO MINOR STORM CONDITIONS BEING OBSERVED OCCASIONALLY AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS MOST OF THE PERIOD BUT SOME QUIET CONDITIONS EARLY IN THE PERIOD ARE POSSIBLE.

III. EVENT PROBABILITIES 16 APR-18 APR

CLASS M 05/05/05

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 APR 076

PREDICTED 16 APR-18 APR 077/078/078

90 DAY MEAN 15 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 APR 002/009

ESTIMATED AFR/AP 15 APR 007/010

PREDICTED AFR/AP 16 APR-18 APR 005/015-014/020-018/020

SOLTERWARN

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