

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/20/86 00:00:00

End : 04/20/86 23:59:00

04/20 22:00

2126

US3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 110

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100 TO 20/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4725 (N01W06) IS A COMPLEX CSO TYPE SPOT GROUP. TRAILER SPOTS WERE OBSERVED TO THE EAST AND SOUTH OF THE NORTHERN HEMISPHERE LEADER SPOTS. THE SOUTHERN GROUP OF TRAILER SPOTS IS IN THE SOUTHERN HEMISPHERE AND MAY DEVELOP INTO A SEPARATE REGION. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: GEOMAGNETIC ACTIVITY WAS UNSETTLED FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED FOR THE NEXT TWO DAYS AND SLIGHTLY ACTIVE FOR THE SUBSEQUENT DAY. ISOLATED PERIODS OF MINOR STORM CONDITIONS ARE POSSIBLE AT HIGH LATITUDES DURING THE PERIOD.

III. EVENT PROBABILITIES 21 APR-23 APR

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APR 074

PREDICTED 21 APR-23 APR 074/075/076

90 DAY MEAN 20 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 APR 009/016

ESTIMATED AFR/AP 20 APR 005/010

PREDICTED AFR/AP 21 APR-23 APR 010/015-010/015-015/020

SOLTERWARN

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