

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/26/86 00:00:00

End : 04/26/86 23:59:00

04/26 22:00

2144

FUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 116

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 4726 (N03W32) HAS CONTINUED TO PRODUCE BOTH X-RAY AND OPTICAL FLARES. THIS DKI-BETA SPOT GROUP HAS NOT SHOWN ANY APPRECIABLE CHANGES SINCE THE LAST REPORT. REGION 4727 (N06E00) HAS REMAINED QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW DURING THE FORECAST PERIOD. WHILE THERE HAVE NOT BEEN ANY ENERGETIC EVENTS DURING THE PAST 24 HOURS, THE ANALYSIS OF REGION 4726 INDICATES THAT IT STILL HAS POTENTIAL FOR MODERATE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED. BRIEF PERIODS OF ACTIVE CONDITIONS WERE OBSERVED AT SOME HIGH LATITUDE STATIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE ACTIVE FOR THE ENTIRE FORECAST PERIOD. THE ACTIVE CONDITIONS ARE FORECAST BASED ON THE SOLAR ACTIVITY OF REGION 4726 SINCE 24 APRIL.

III. EVENT PROBABILITIES 27 APR-29 APR

CLASS M 20/20/20

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APR 084

PREDICTED 27 APR-29 APR 083/083/082

90 DAY MEAN 26 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 APR 008/012

ESTIMATED AFR/AP 26 APR 012/012

PREDICTED AFR/AP 27 APR-29 APR 020/025-015/020-015/015

SOLTERWARN

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