

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/23/87 00:00:00

End : 09/23/87 23:59:00

09/23 22:00

2216
HFUS3 BOU 232200 RTD
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 266

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 23 SEP 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z
TO 23/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE NEW AXX TYPE
REGION AT S19E53 WAS NUMBERED 4858 TODAY. ALL OF THE SOLAR
ACTIVE REGIONS WERE QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:
THE GEOMAGNETIC FIELD WAS AT ACTIVE TO MINOR STORM LEVELS WITH
PERIODS OF MAJOR STORM CONDITIONS AT HIGH LATITUDES UNTIL ABOUT
1500Z WHEN CONDITIONS DROPPED OFF TO QUIET TO UNSETTLED LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT MINOR STORM LEVELS FOR 24-25 SEPTEMBER AS A
RESULT OF THE DISAPPEARANCE OF SEVERAL FILAMENTS BETWEEN 20-21
SEPTEMBER. THE DISTURBANCE IS EXPECTED TO TAPER OFF WITH
UNSETTLED TO ACTIVE CONDITIONS LIKELY ON 26 SEPTEMBER.

III. EVENT PROBABILITIES 24 SEP-26 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 SEP 080

PREDICTED 24 SEP-26 SEP 080/080/078

90 DAY MEAN 23 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 SEP 024/036

ESTIMATED AFR/AP 23 SEP 020/037

PREDICTED AFR/AP 24 SEP-26 SEP 035/040-035/040-015/020

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09/23 22:00

2232
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