

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/19/86 00:00:00

End : 09/19/86 23:59:00

09/19 22:00

2133

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 262

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK IS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW. NO SIGNIFICANT REGIONS ARE EXPECTED TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: GEOMAGNETIC ACTIVITY AT MID LATITUDES WAS ACTIVE WITH PERIODS OF MINOR STORM CONDITIONS. HIGH LATITUDE STATIONS OBSERVED MINOR STORM TO ACTIVE LEVELS WITH MAJOR STORM CONDITIONS OCCURRING PERIODICALLY THROUGHOUT THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE MID LATITUDE STATIONS ARE EXPECTED TO HAVE ACTIVE CONDITIONS WITH BRIEF PERIODS OF MINOR STORM POSSIBLE DURING THE NEXT 24 HOURS. ACTIVE TO MINOR STORM LEVELS WITH PERIODS OF MAJOR STORM ARE EXPECTED AT HIGH LATITUDES DURING THE SAME TIME PERIOD. THE ACTIVITY IS EXPECTED TO BE GENERALLY ACTIVE ON THE SECOND AND THIRD DAYS OF THE FORECAST WITH THE HIGH LATITUDE STATIONS HAVING THE STRONGEST POSSIBILITY OF STORM CONDITIONS. THE FORECAST IS PRIMARILY BASED ON RECURRENCE.

III. EVENT PROBABILITIES 20 SEP-22 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 SEP 068

PREDICTED 20 SEP-22 SEP 068/068/068

90 DAY MEAN 19 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 SEP 019/030

ESTIMATED AFR/AP 19 SEP 020/030

PREDICTED AFR/AP 20 SEP-22 SEP 020/025-018/025-015/020

SOLTERWARN

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