

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/20/86 00:00:00

End : 09/20/86 23:59:00

09/20 22:00

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HF053 BOU 202200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 263

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100 TO 20/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK CONTINUES TO BE SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: THE GEOMAGNETIC ACTIVITY WAS GENERALLY ACTIVE AT BOTH MID AND HIGH LATITUDE STATIONS. HOWEVER, THE HIGH LATITUDE STATIONS DID OBSERVE AN EXTENDED PERIOD OF STORM CONDITIONS MIDWAY THROUGH THE 24 HOUR PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE AT MID LATITUDES AND ACTIVE WITH POSSIBLE BRIEF PERIODS OF MINOR STORM CONDITIONS AT HIGH LATITUDES.

III. EVENT PROBABILITIES 21 SEP-23 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 SEP 068

PREDICTED 21 SEP-23 SEP 068/068/068

90 DAY MEAN 20 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 SEP 017/032

ESTIMATED AFR/AP 20 SEP 018/025

PREDICTED AFR/AP 21 SEP-23 SEP 018/025-015/025-015/025

REISSUED FOR AFGWC/WSE NO CHANGE IN ORIGINAL TEXT

SOLTERWARN

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