

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/23/86 00:00:00

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

09/23 22:00

2128

US3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 266

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE SOLAR DISK CONTINUES TO BE SPOTLESS, QUIET, AND STABLE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: GEOMAGNETIC ACTIVITY WAS UNSETTLED TO ACTIVE AT MID LATITUDES AND AT MAJOR TO MINOR STORM LEVELS AT HIGH LATITUDES. THE ACTIVITY IS BELIEVED ASSOCIATED WITH A RECURRENT PATTERN THAT IS SEVERAL ROTATIONS OLD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE WITH MINOR STORM CONDITIONS POSSIBLE AT HIGH LATITUDES. THE RECURRENT PATTERN BELIEVED RESPONSIBLE FOR THE VARYING CONDITIONS IS EXPECTED TO CONTINUE INDEFINATELY.

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 068

PREDICTED 24 SEP-26 SEP 068/068/068

90 DAY MEAN 23 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 SEP 003/008

ESTIMATED AFR/AP 23 SEP 018/060

PREDICTED AFR/AP 24 SEP-26 SEP 018/035-015/025-015/020

SOLTERWARN

BT

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