

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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