

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/29/86 00:00:00

End : 09/29/86 23:59:00

09/29 22:00

2201

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 272

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NEWLY ASSIGNED REGION 4746 (N06E74) ROTATED FULLY ONTO THE DISK EARLY IN THE DAY. THE REGION CONSISTS OF A SINGLE SPOT WITH PENUMBRA AND SCATTERED PLAGE. NO ACTIVITY HAS BEEN OBSERVED THERE AS YET.

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

IIA. GEOPHYSICAL

NNNN

<003>

09/29 22:00

2207

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 272

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 SEP 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NEWLY ASSIGNED REGION 4746 (N06E74) ROTATED FULLY ONTO THE DISK EARLY IN THE DAY. THE REGION CONSISTS OF A SINGLE SPOT WITH PENUMBRA AND SCATTERED PLAGE. NO ACTIVITY HAS BEEN OBSERVED THERE AS YET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED. ACTIVE TO MINOR STORM CONDITIONS WERE OBSERVED EARLY IN THE INTERVAL.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED TO ACTIVE THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 30 SEP-02 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 SEP 071

PREDICTED 30 SEP-02 OCT 071/072/072

90 DAY MEAN 29 SEP 069

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 SEP 015/018

ESTIMATED AFR/AP 29 SEP 011/017

PREDICTED AFR/AP 30 SEP 02 OCT 010/018-010/025-015/020

NNNN