

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/18/87 00:00:00

End : 09/18/87 23:59:00

09/18 22:00

2201

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 261

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 SEP 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. A SIMPLE BIPOLAR SPOT GROUP LOCATED AT S30W02 WAS ASSIGNED SESC REGION NUMBER 4857.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED AT MID-LATITUDES. HIGH LATITUDES HAVE EXPERIENCED QUIET TO ACTIVE LEVELS WITH A BRIEF INTERVAL EARLY IN THE PERIOD OF MINOR STORM CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE TO MAJOR STORM LEVELS BASED ON DISAPPEARING FILAMENTS THAT OCCURRED ON 17 SEP AND ON RECURRENCE.

III. EVENT PROBABILITIES 19 SEP-21 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEP 082

PREDICTED 19 SEP-21 SEP 082/082/083

90 DAY MEAN 18 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 SEP 014/028

ESTIMATED AFR/AP 18 SEP 010/024

PREDICTED AFR/AP 19 SEP-21 SEP 015/030-020/030-025/050

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