

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/28/87 00:00:00

End : 11/28/87 23:59:00

11/28 22:00

2201

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 332

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY WAS VERY LOW. WEAK SURGING HAS BEEN OBSERVED AT WEST LIMB NEAR S21 AND S33 WHERE REGIONS 4891 AND 4896 ARE NOW LOCATED. REGION 4898 (S31 E14) IS THE SOLE SPOTTED REGION VISIBLE AT THIS TIME.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH AN INTERVAL OF ACTIVE CONDITIONS OCCURRING NEAR MIDDAY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS FORECAST TO BE GENERALLY UNSETTLED TO ACTIVE THROUGH THE END OF THE MONTH. QUIET TO UNSETTLED CONDITIONS ARE ANTICIPATED 01 DEC.

III. EVENT PROBABILITIES 29 NOV-01 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

RF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 NOV 095

PREDICTED 29 NOV-01 DEC 094/094/095

90 DAY MEAN 28 NOV 095

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 NOV 018/034

ESTIMATED AFR/AP 28 NOV 012/017

PREDICTED AFR/AP 29 NOV-01 DEC 015/018-015/022-005/015

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