

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/30/87 00:00:00

End : 07/30/87 23:59:00

07/30 22:00

2201

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 211

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 JUL 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE FOUR SPOTTED REGIONS WERE GENERALLY QUIET AND STABLE. THERE IS NEW EMERGING FLUX NEAR N15E12. SURGING HAS BEEN NOTED ON BOTH LIMBS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES EARLY IN THE PERIOD.

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

III. EVENT PROBABILITIES 31 JUL-02 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUL 091

PREDICTED 31 JUL-02 AUG 089/087/085

90 DAY MEAN 30 JUL 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 JUL 036/069

ESTIMATED AFR/AP 30 JUL 010/018

PREDICTED AFR/AP 31 JUL-02 AUG 010/015-005/010-005/010

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