

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/28/87 00:00:00

End : 02/28/87 23:59:00

02/28 22:00

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HFUSS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 059

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. HOWEVER, REGION 4773 (N38E26) HAS PRODUCED TWO FLARES OF NOTE; A C3/1N WITH MAXIMUM AT 0706Z, AND A C2/ON WITH MAXIMUM AT 1632Z. NO RADIO OUTPUT WAS OBSERVED WITH EITHER EVENT. A SINGLE SPOT EMERGED DURING THE PERIOD NEAR S33W04 AND IS ASSIGNED REGION NUMBER 4775. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. AN ISOLATED C-CLASS FLARE FROM REGION 4773 IS LIKELY DURING THE INTERVAL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE. THERE WAS A SHORT PERIOD OF MINOR STORM CONDITIONS AT ALL LATITUDES AROUND MIDDAY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY QUIET TO UNSETTLED ON 01 MARCH, AND SLIGHTLY MORE DISTURBED THEREAFTER.

III. EVENT PROBABILITIES 01 MAR-03 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 FEB 075

PREDICTED 01 MAR-03 MAR 076/076/076

90 DAY MEAN 28 FEB 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 FEB 011/014

ESTIMATED AFR/AP 28 FEB 010/015

PREDICTED AFR/AP 01 FEB-03 MAR 005/012-010/015-010/015

*[Handwritten Signature]*

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