

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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HFUS3 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 C2/0N 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

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