

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/01/87 00:00:00

End : 03/01/87 23:59:00

03/01 22:00

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HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 060

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100Z TO 01/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4773 (N38E17) REMAINED GENERALLY STABLE IN WHITE LIGHT AND PRODUCED SEVERAL SUB C CLASS BURSTS. REGION 4775 (S32W16) CONTINUED A SLOW EMERGENCE WITH A FEW ENHANCEMENTS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 01/2100Z: THE MID LATITUDE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET. AT HIGH LATITUDES UNSETTLED CONDITIONS PREDOMINATED. BRIEF HIGH LATITUDE MINOR STORM LEVELS OCCURRED EARLY ON 01 MAR.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE PREDOMINATELY UNSETTLED AT ALL LATITUDES FOR THE DURATION OF THE PERIOD.

III. EVENT PROBABILITIES 02 MAR-04 MAR

CLASS M 05/05/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAR 074

PREDICTED 02 MAR-04 MAR 074/074/073

90 DAY MEAN 01 MAR 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 FEB 011/016

ESTIMATED AFR/AP 01 MAR 006/013

PREDICTED AFR/AP 02 MAR-04 MAR 008/011-008/009-005/010

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