

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/02/86 00:00:00

End : 04/02/86 23:59:00

04/02 22:00

2134

US3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 092

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY WAS VERY LOW. NEWLY ASSIGNED REGION 4721 (S02W07) WAS A SIMPLE ALPHA-TYPE. IT PRODUCED SMALL ARCHED FILAMENTS EARLY IN THE PERIOD AND IS APPROXIMATELY 10 DEGREES WEST OF WHERE OLD, RETURNING REGION 4717 (S00, L-038) WOULD HAVE BEEN. A FIVE DEGREE LONG FILAMENT DISAPPEARED FROM N25E19 BY 2/0239Z.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:

GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 03 APR-05 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APR 071

PREDICTED 03 APR-05 APR 071/070/070

90 DAY MEAN 02 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 APR 006/011

ESTIMATED AFR/AP 02 APR 004/012

PREDICTED AFR/AP 03 APR-05 APR 016/020-011/020-005/015

SOLTERWARN

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