

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/12/86 00:00:00

: 02/12/86 23:59:00

02/12 22:00

2128

HFUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 043

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 FEB 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY WAS MODERATE. REGION 4713 (S01W60) PRODUCED ONE M1/0B FLARE AT 11/2325Z WITH A TYPE II RADIO SWEEP. OTHER THAN THIS ONE EVENT, THE SOLAR ACTIVITY WAS VERY LOW. REGION 4713 DECAYED SLIGHTLY TO A DK0 - BETA-DELTA. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4713 PROVIDES A SLIGHT CHANCE OF MODERATE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD WAS ACTIVE. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE. MINOR STORM CONDITIONS AT HIGH LATITUDES ARE EXPECTED ON 14 FEB DUE TO THE FLARE ACTIVITY OF 10-11 FEB.

III. EVENT PROBABILITIES 13 FEB-15 FEB

CLASS M 25/20/15

CLASS X 04/03/02

PROTON 04/04/04

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 FEB 091

PREDICTED 13 FEB-15 FEB 084/078/073

90 DAY MEAN 12 FEB 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 FEB 011/030

ESTIMATED AFR/AP 12 FEB 015/020

PREDICTED AFR/AP 13 FEB-15 FEB 015/020-025/030-020/020

SOLTERWARN

BT

NNNN

<003>