

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/16/86 00:00:00

End : 04/16/86 23:59:00

04/16 22:00

2145

US3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 106

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100 TO 16/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. THE SPOTS IN REGION 4723 (S11W36) APPEAR TO COME AND GO AND PRESENTLY ARE VISIBLE AS A SMALL A TYPE GROUP. REGIONS 4724 (S07E43) AND 4725 (N01E46) REMAIN SMALL, SIMPLE AND DORMANT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD WAS AT GENERALLY UNSETTLED TO ACTIVE LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17 APR-19 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 APR 075

PREDICTED 17 APR-19 APR 075/075/075

90 DAY MEAN 16 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 APR 006/011

ESTIMATED AFR/AP 16 APR 009/012

PREDICTED AFR/AP 17 APR-19 APR 014/020-018/020-010/020

SOLTERWARN

BT

NNNN

<003>