

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/26/86 00:00:00

End : 03/26/86 23:59:00

03/26 22:00

2144

US3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 085

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. REGION 4720 (N05E27) IS NOW A BXO TYPE SPOT GROUP. NO NEW REGIONS WERE NUMBERED TODAY. THE DISK AND LIMBS WERE GENERALLY QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN UNSETTLED TO ACTIVE WITH BRIEF MINOR STORM CONDITIONS AT MIDDLE LATITUDES AND ACTIVE WITH EXTENDED PERIODS OF MINOR STORM CONDITIONS AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED FOR THE NEXT 48 HOURS AND UNSETTLED TO ACTIVE FOR THE SUBSEQUENT 24 HOURS.

III. EVENT PROBABILITIES 27 MAR-29 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 26 MAR 071

PREDICTED 27 MAR-29 MAR 073/074/075

90 DAY MEAN 26 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 MAR 024/034

ESTIMATED AFR/AP 26 MAR 009/015

PREDICTED AFR/AP 27 MAR-29 MAR 008/015-008/015-012/020

SOLTERWARN

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