

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/20/86 00:00:00

End : 03/20/86 23:59:00

03/20 22:00

2140

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 079

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100 TO 20/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. HOWEVER, A SMALL SPOT GROUP DEVELOPED NEAR S12W29 AND IS NUMBERED 4719. THIS GROUP IS A SIMPLE B TYPE GROUP ASSOCIATED WITH A SEGMENT OF MODERATELY BRIGHT PLAGE.

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 19/2100Z TO 20/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED WITH BRIEF ACTIVE CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT THREE DAYS. THE RECURRENT PATTERN IS EXPECTED TO BE THE PRIME INFLUENCE FOR THESE CONDITIONS.

III. EVENT PROBABILITIES 21 MAR-23 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAR 069

PREDICTED 21 MAR-23 MAR 070/071/072

90 DAY MEAN 20 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 MAR 009/011

ESTIMATED AFR/AP 20 MAR 008/010

PREDICTED AFR/AP 21 MAR-23 MAR 015/020-015/025-012/025

SOLTERWARN

BT

NNNN

<003>