

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/02/86 00:00:00

End : 03/02/86 23:59:00

02 22:00

2132

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 061

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100 TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4717 (N01E55) REMAINS THE MOST IMPRESSIVE SPOT GROUP ON THE DISK. THIS MAGNETICALLY COMPLEX DKC TYPE SPOT GROUP HAS PRODUCED MINOR FLARES. A NEW REGION WAS NUMBERED AS 4718 (N04W13) AND IS A SIMPLE CSO TYPE SPOT GROUP. SEVERAL PLAGE REGIONS WERE QUIET, AS WERE THE REST OF THE DISK AND LIMBS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW FOR THE NEXT THREE DAYS. REGION 4717 IS CAPABLE OF M-CLASS X-RAY ACTIVITY. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: GEOMAGNETIC ACTIVITY HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST 24 HOURS. BRIEF MINOR STORM CONDITIONS WERE OBSERVED AT HIGH LATITUDES.

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

III. EVENT PROBABILITIES 03 MAR-05 MAR

CLASS M 30/20/20

CLASS X 02/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAR 089

PREDICTED 03 MAR-05 MAR 092/095/098

90 DAY MEAN 02 MAR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 MAR 014/022

ESTIMATED AFR/AP 02 MAR 012/018

PREDICTED AFR/AP 03 MAR-05 MAR 008/015-005/010-005/015

SOLTERWARN

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