

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/10/87 00:00:00

End : 07/10/87 23:59:00

07/10 22:00

2201

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 191

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 JUL 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4822 (S18W79) WAS QUIET AND APPEARS TO BE DECLINING AS IT ROTATES OFF THE LIMB. SOME PROMINENCE ACTIVITY WAS OBSERVED ON THE EAST LIMB AT LATITUDES OF ABOUT N35 AND S32. NO NEW REGIONS WERE NUMBERED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO ACTIVE LEVELS WITH A BRIEF PERIOD OF MINOR STORM CONDITIONS AT HIGH LATITUDES FROM 0130-0430Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET TO UNSETTLED FOR THE NEXT THREE DAYS. THERE IS A SLIGHT POSSIBILITY FOR EFFECTS ON 12 JULY FROM THE EAST LIMB PROMINENCE ERUPTION REPORTED ON 7 JULY.

III. EVENT PROBABILITIES 11 JUL-13 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUL 074

PREDICTED 11 JUL-13 JUL 075/075/075

90 DAY MEAN 10 JUL 082

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 JUL 013/014

ESTIMATED AFR/AP 10 JUL 012/017

PREDICTED AFR/AP 11 JUL-13 JUL 007/012-010/012-005/010

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