

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/17/86 00:00:00

End : 07/17/86 23:59:00

17 22:00

2135

HFUS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 198

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100 TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW BIPOLAR REGION NUMBERED 4739 APPEARED ON THE DISK TODAY AT S06E28. REGION 4738 (N07E45) SHOWED SOME MINOR INVERSION LINE FLUCTUATIONS AND SLIGHTLY ENHANCED PLAGE INTENSITY BUT REMAINED QUIET. REGION 4735 CONTINUES TO DECAY AS IT ROTATES OFF THE VISIBLE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE IS A VERY SLIGHT CHANCE OF C-FLARE ACTIVITY FROM EITHER 4738 OR 4739.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETLED. A BRIEF PERIOD OF ACTIVE CONDITIONS AT MID-LATITUDES AND MINOR STORM CONDITIONS AT HIGH LATITUDES WAS EXPERIENCED FROM 0000-0600UT.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETLED.

III. EVENT PROBABILITIES 18 JUL-20 JUL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JUL 073

PREDICTED 18 JUL-20 JUL 072/072/072

90 DAY MEAN 17 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 JUL 007/010

ESTIMATED AFR/AP 17 JUL 012/015

PREDICTED AFR/AP 18 JUL-20 JUL 010/012-010/012-010/012

SOLTERWARN

BT

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