

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/09/86 00:00:00

End : 07/09/86 23:59:00

07/09 22:00

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HFUSS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 190

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 JUL 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PREVIOUS 24 HOURS. REGION 4734 HAS DECAYED TO A PLAGE REGION AND REGION 4735 (NOOE25 DSO/BETA) HAS BEEN QUIET AND STABLE. SOME REPORTS HAVE INDICATED A DECREASE IN SPOTS IN REGION 4735, HOWEVER, THE SEEING HAS BEEN LIMITED AND GENERALLY LESS THAN GOOD.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: GEOMAGNETIC ACTIVITY WAS GENERALLY QUIET TO UNSETTLED DURING THE PAST 24 HOURS. BRIEF PERIODS OF ACTIVE CONDITIONS, MOSTLY AT HIGH LATITUDES, WERE OBSERVED MIDWAY THROUGH THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO SLIGHTLY ACTIVE ON 10 AND 12 JULY. ACTIVE CONDITIONS SHOULD PREVAIL ON THE 11TH. THE ACTIVE CONDITIONS OF THE SECOND DAY ARE BASED ON THE EFFECTS OF THE FILAMENT DISAPPEARANCE DISCUSSED IN YESTERDAYS REPORT AND THE ACTIVITY OF THE PAST 3 DAYS FROM REGION 4735.

III. EVENT PROBABILITIES 10 JUL-12 JUL

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUL 070

PREDICTED 10 JUL-12 JUL 070/070/070

90 DAY MEAN 09 JUL 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 JUL 007/011

ESTIMATED AFR/AP 09 JUL 008/012

PREDICTED AFR/AP 10 JUL-12 JUL 010/015-015/018-010/012

SOLTERWARN

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