

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/08/87 00:00:00

End : 09/08/87 23:59:00

09/08 22:00

2246

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 251

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 SEP 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4849

(S22W19) GREW EARLY IN THE PERIOD IN THE TRAILER AREA AND DEVELOPED A BETA-GAMMA-DELTA MAGNETIC CONFIGURATION. NONETHELESS IN SPITE OF THE REGION'S SIZE AND COMPLEXITY IT PRODUCED ONLY SUBFLARE LEVEL ACTIVITY DURING

HFUS3 BOU 082200 RTD
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IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO MODERATE. REGION 4849 CONTINUES TO BE A LIKELY SOURCE FOR M-FLARES AND COULD POSSIBLY PRODUCE X-FLARES DURING THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID-LATITUDES AND GENERALLY UNSETTLED TO ACTIVE AT HIGH LATITUDES. A VERY BRIEF PERIOD OF MINOR STORM CONDITIONS WAS REPORTED AT SOME HIGH LATITUDE STATIONS FROM 0130Z TO 0300Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY ACTIVE AT MID-LATITUDES AND AT ACTIVE TO MINOR STORM LEVELS AT HIGH LATITUDES FOR THE NEXT THREE DAYS. THE FORECAST IS BASED PRIMARILY ON RECURRENCE.

III. EVENT PROBABILITIES 09 SEP-11 SEP

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 05/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 SEP 101

PREDICTED 09 SEP-11 SEP 103/103/103

90 DAY MEAN 08 SEP 086

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 SEP 009/017

ESTIMATED AFR/AP 08 SEP 010/020

PREDICTED AFR/AP 09 SEP-11 SEP 020/035-016/030-016/030

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09/08 22:00

2254

HFUS3 BOU 082200 COR
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

.....CORRECTED COPY:.....

SDF NUMBER 251

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 SEP 1987

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OBSERVED	08 SEP	101
PREDICTED	09 SEP-11 SEP	103/103/103
90 DAY MEAN	08 SEP	086

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ESTIMATED	AFR/AP 08 SEP	010/020
PREDICTED	AFR/AP 09 SEP-11 SEP	020/035-016/030-016/030

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