

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 09/28/87 00:00:00

End : 09/28/87 23:59:00

09/28 22:00

2217

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 271

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 SEP 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z

TO 28/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. PRESENT

NUMBERED REGIONS HAVE BEEN RELATIVELY QUIET WITH ONLY SMALL

SUBFLARES OBSERVED. REGION 4859 (S20E66) IS ONLY ONE SMALL

SPOT IN WHITE LIGHT AND DOES NOT APPEAR OVERLY THREATENING.

MORE OF THIS REGION, OR POSSIBLY ANOTH

HFUS3 BOU 282200 RTD

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MORE OF THIS REGION, OR POSSIBLY ANOTHER REGION, IS STILL

ROUNDING THE EAST LIMB.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN

VERY LOW. ONLY SUBFLARES ARE EXPECTED FROM THE REGIONS

PRESENTLY ON THE DISK.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:

THE GEOMAGNETIC FIELD AT MIDDLE LATITUDES HAS BEEN AT QUIET

TO ACTIVE LEVELS FOR THE PAST 24 HOURS. THE HIGH LATITUDE

FIELD HAS BEEN AT UNSETTLED TO MAJOR STORM LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE GENERALLY UNSETTLED FOR THE NEXT THREE DAYS.

ACTIVE CONDITIONS ARE POSSIBLE AT HIGH LATITUDES ON 29

SEPTEMBER.

III. EVENT PROBABILITIES 29 SEP-01 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEP 082

PREDICTED 29 SEP-01 OCT 084/086/088

90 DAY MEAN 28 SEP 087

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 SEP 010/015

ESTIMATED AFR/AP 28 SEP 018/028

PREDICTED AFR/AP 29 SEP-01 OCT 010/020-010/015-010/013

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2229  
 HFUS3 BOU 282200 COR  
 FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
 SDF NUMBER 271

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