

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 10/02/87 00:00:00

End : 10/02/87 23:59:00

10/02 22:00

2208

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 275

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 OCT 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z

TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4859

(S24E21) HAS LOST ALL TRACE OF SPOTS BUT WAS RESPONSIBLE FOR

THE LARGEST FLARE OBSERVED IN THE LAST 24 HOURS - B6/SF AT

1748 UT. REGION 4860 (N29E32) REMAINED QUIET THROUGH THE

PERIOD. REPORTS INDICATE THE SPOTS

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10/02 22:00

2233

HFUS3 BOU 022200 RTD

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10/02 22:53

2254

HFUS3 BOU 022253 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 275

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PERIOD. REPORTS INDICATE THE SPOTS WITHIN REGION 4860 HAVE

GROWN OVERNIGHT WITH THE GROUP ASSUMING AN 'ESI' CONFIGURATION WHILE THE PLAGE COVERAGE HAS DECREASED. NEWLY NUMBERED REGION 4862 (N34E72) ROTATED ON THE DISK AND APPEARS TO BE A 'BXD' GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4860 IS EXPECTED TO INCREASE IN ACTIVITY OVER THE FORECAST PERIOD.

I. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED AT MID-LATITUDES AND ACTIVE AT HIGH LATITUDES THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 OCT-05 OCT

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 OCT 085

PREDICTED 03 OCT-05 OCT 086/086/088

90 DAY MEAN 02 OCT 088

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 OCT 011/017

ESTIMATED AFR/AP 02 OCT 014/018

PREDICTED AFR/AP 03 OCT-05 OCT 015/018-015/020-010/020

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