

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 07/17/87 00:00:00

End : 07/17/87 23:59:00

07/17 22:00

2204

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 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z

TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4823

(N27W87) IS NEARLY OFF THE DISK AND REGION 4824 (S32E57)

HAS BEEN STABLE AND QUIET. THERE CONTINUES TO BE SOME

SURGING BEHIND THE LIMB AT APPROXIMATELY THE SAME LATITUDE

AS REGION 4824, BUT AS YET IT IS NOT CORRELATED WITH ANY

ACTIVITY OR REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPE

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07/17 22:00

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HFUS3 BOU 172200

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IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE

VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED EXCEPT

BETWEEN THE HOURS OF 17/0130Z AND 17/0730Z WHEN HIGH LATITUDE

STATIONS WERE AT MINOR TO MAJOR STORM LEVELS. THE REASONS

BEHIND THE INCREASED ACTIVITY LEVELS IS NOT KNOWN AT THIS

TIME.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE GENERALLY UNSETTLED FOR THE FIRST AND THIRD

DAY OF THE FORECAST PERIOD. UNSETTLED TO ACTIVE CONDITIONS

ARE EXPECTED TO PREDOMINATE ON 19 JULY.

III. EVENT PROBABILITIES 18 JUL-20 JUL

CLASS M 01/01/01

CLASS X 01/01/01

CTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 17 JUL 079  
PREDICTED 18 JUL-20 JUL 080/081/081  
90 DAY MEAN 17 JUL 080  
V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 16 JUL 023/029  
ESTIMATED AFR/AP 17 JUL 016/026  
PREDICTED AFR/AP 18 JUL-20 JUL 010/015-015/018-010/015

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2210  
HFUS3 BOU 172200 RTD  
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