

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 08/18/87 00:00:00

End : 08/18/87 23:59:00

08/18 22:00

2249

HFUS3 BOU 182200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 230

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 AUG 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. RETURNING REGION 4831 (N29, L-143) IS EXPECTED TO RETURN DURING THE FIRST DAY (19 AUG) AS A SPOTLESS PLAGE AREA. RETURNING REGION 4834 (N16, L-120) MAY STILL HAVE ITS SPOT WHEN IT IS AGAIN EXPECTED ON THE DISK DURING THE LAST DAY (21 AUG).

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z:

THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED TO QUIET.

III. EVENT PROBABILITIES 19 AUG-21 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 AUG 098

PREDICTED 19 AUG-21 AUG 096/093/089

90 DAY MEAN 18 AUG 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 AUG 010/020

ESTIMATED AFR/AP 18 AUG 007/015

PREDICTED AFR/AP 19 AUG-21 AUG 008/015-008/012-007/010

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