

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/08/87 00:00:00

End : 05/08/87 23:59:00

05/08 22:00

2234

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 128

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 MAY 1987

I. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4806 (S31E27) PRODUCED A FEW LOW B-LEVEL X-RAY SUBFLARES. IT WAS STILL A SINGLE REGION BECAUSE OF THE INTERTWINED GROUPING OF THE TWO BI-POLES. THIS COMPLEX WAS A BETA-GAMMA MAGNETIC CONFIGURATION DUE TO ITS SINGLE REGION CATALOGUE. IF IT WERE SPLIT INTO TWO SEPARATE REGIONS, THEY WOULD BE SIMPLE BETA-TYPES WITH PENUMBRA ON ONLY THE LEADING SPOTS. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4806 PROVIDES A VERY SLIGHT CHANCE OF MODERATE ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

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

III. EVENT PROBABILITIES 09 MAY-11 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAY 087

PREDICTED 09 MAY-11 MAY 088/089/089

90 DAY MEAN 08 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 MAY 008/016

ESTIMATED AFR/AP 08 MAY 007/010

PREDICTED AFR/AP 09 MAY-11 MAY 007/010-007/010-008/010

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05/08 22:00

2236

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER ODK

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05/08 22:22

2237

HFUS3 BOU 082222

128

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 MAY 1987

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4806 (S31E27) PRODUCED A FEW LOW B-LEVEL X-RAY SUBFLARES. IT WAS STILL A SINGLE REGION BECAUSE OF THE INTERTWINED GROUPING OF THE TWO BI-POLES. THIS COMPLEX WAS A BETA-GAMMA MAGNETIC CONFIGURATION DUE TO ITS SINGLE REGION CATALOGUE. IF IT WERE SPLIT INTO TWO SEPARATE REGIONS, THEY WOULD BE SIMPLE BETA-TYPES WITH PENUMBRA ON ONLY THE LEADING SPOTS. NO NEW REGION WAS ASSIGNED.

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