

BESC Solar Summary and Forecast - For Joe Hirman

Begin: 12/18/87 00:00:00

End : 12/18/87 23:59:00

12/18 22:00

2202

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 352

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 DEC 1987

I. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW. A LOOP PROMINENCE AT N50 TO N62 ON THE NORTHEAST LIMB DISAPPEARED BETWEEN 17/1534 AND 18512 TODAY. ITS DISAPPEARANCE MAY BE ASSOCIATED WITH A CORONAL MASS EJECTION (CME) FROM BEHIND THE NORTHEAST LIMB AT 18/0119Z. NO NEW REGION WAS ASSIGNED.

II. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED.

IIIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 19 DEC-21 DEC

CLASS M 03/02/01

CLASS X 01/01/01

ROTOM 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 093

PREDICTED 19 DEC-21 DEC 093/092/091

20 DAY MEAN 18 DEC 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 DEC 013/020

ESTIMATED AFR/AP 18 DEC 008/011

PREDICTED AFR/AP 19 DEC-21 DEC 008/015-008/018-008/016

NNNN

003>