

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/16/87 00:00:00

End : 02/16/87 23:59:00

02/16 22:00

208

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 047

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100Z TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4771 (N18W28) HAS DECAYED TO A PLAGE REGION DURING THE LAST 24 HOURS. NO NEW REGIONS WERE NUMBERED TODAY AND THE REMAINDER OF THE DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT THREE DAYS. NO REGIONS ARE EXPECTED TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS. A BRIEF PERIOD OF MINOR STORM CONDITIONS WAS OBSERVED AT HIGH LATITUDES MIDWAY THRU THE DAY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED AT ALL LATITUDES FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17 FEB-19 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 FEB 070

PREDICTED 17 FEB-19 FEB 070/071/071

90 DAY MEAN 16 FEB 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 FEB 007/008

ESTIMATED AFR/AP 16 FEB 010/014

PREDICTED AFR/AP 17 FEB-19 FEB 007/012-007/012-007/010

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