

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 01/17/86 00:00:00

End : 01/17/86 23:59:00

17 22:00

2136

AFUS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 017

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 JAN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100  
TO 17/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.  
REGION 4710 (S12W102) PROVIDED LOOPS TO .09 RADII WITH SMALL  
CLASS C X-RAY EVENTS. AN 11 DEGREE LONG FILAMENT HAD  
DISAPPEARED FROM S23W35 BY 16/2225Z.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z:  
THE GEOMAGNETIC FIELD WAS QUIET.

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

III. EVENT PROBABILITIES 18 JAN-20 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JAN 077

PREDICTED 18 JAN-20 JAN 074/072/071

DAY MEAN 17 JAN 076

GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 JAN 005/005

ESTIMATED AFR/AP 17 JAN 007/007

PREDICTED AFR/AP 18 JAN-20 JAN 008/010-009/010-013/015

SOLTERWARN

BT

NNNN

<003>