

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/18/86 00:00:00

End : 06/18/86 23:59:00

06/18 22:00

2123

HFUS3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 169

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100 TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS. NO NEW REGION WAS ASSIGNED. THE 16 DEGREE LONG FILAMENT NEAR THE EQUATOR AND CENTRAL MERIDIAN ON 16 JUN HAS ALMOST COMPLETELY DISAPPEARED DURING THE PAST TWO DAYS. 11 DEGREES LENGTH DISAPPEARED FROM ITS MIDDLE SECTION (N10W04) BY 17/2045Z, AND ANOTHER THREE DEGREES BY 18/1335Z FROM N18W15. NO APPARENT ASSOCIATED X-RAY NOR ANY OTHER PARAMETER HAS BEEN CORRELATED.

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

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

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

III. EVENT PROBABILITIES 19 JUN-21 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUN 068

PREDICTED 19 JUN-21 JUN 068/068/068

90 DAY MEAN 18 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 JUN 009/013

ESTIMATED AFR/AP 18 JUN 008/017

PREDICTED AFR/AP 19 JUN-21 JUN 008/013-008/013-009/017

SOLTERWARN

BT

NNNN

<003>