

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/15/86 00:00:00

End : 06/15/86 23:59:00

06/15 22:00

2127

H033 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 166

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100 TO 15/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK IS CURRENTLY SPOTLESS. THE ONLY ACTIVITY NOTED WAS A FRAGMENTED FILAMENT (S34E53 18 DEGREES IN LENGTH) THAT DISAPPEARED LATE YESTERDAY OR EARLY THIS DAY. THE EXACT TIME COULD NOT BE DETERMINED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE ARE NO REGIONS EXPECTED TO RETURN DURING THE NEXT 3 DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED WITH BRIEF PERIODS OF ACTIVE CONDITIONS OBSERVED AT HIGH LATITUDES LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE. BASED ON CURRENT ANALYSIS THE FILAMENT THAT DISAPPEARED OVERNIGHT IS NOT EXPECTED TO INFLUENCE THE FIELD.

III. EVENT PROBABILITIES 16 JUN-18 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

POF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUN 069

PREDICTED 16 JUN-18 JUN 070/070/070

90 DAY MEAN 15 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 JUN 008/010

ESTIMATED AFR/AP 15 JUN 010/010

PREDICTED AFR/AP 16 JUN-18 JUN 008/015-007/010-005/010

SOLTERWARN

BT

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