

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/14/86 00:00:00

End : 06/14/86 23:59:00

06/14 22:00

2130

US3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 165

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 JUN 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100 TO 14/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. CURRENTLY, THE DISK IS SPOTLESS. HOWEVER, A WEAK FILAMENT THAT APPEARED ON THE DISK EARLY YESTERDAY (CURRENTLY AT N09E34) HAS GROWN FROM 10 DEGREES TO 18 DEGREES IN LENGTH. SOME DARKENING HAS BEEN NOTICED, BUT NO SIGNIFICANT ACTIVITY. THE PLAGE AREA AROUND THE FILAMENT IS VERY DULL AND STABLE AT THIS TIME.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT 3 DAYS. THE FILAMENT AT N09E34 IS NOT EXPECTED TO CREATE ACTIVITY AT THIS TIME, BUT IT DOES REQUIRE MONITORING BECAUSE OF VISIBLE CHANGES FROM YESTERDAY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED FOR THE PREVIOUS 24 HOURS. SOME BRIEF ACTIVE CONDITIONS WERE OBSERVED AT HIGH LATITUDES LATE IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT 3 DAYS. THE PRIMARY FORECAST BASIS IS RECURRENCE.

III. EVENT PROBABILITIES 15 JUN-17 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JUN 070

PREDICTED 15 JUN-17 JUN 070/070/071

90 DAY MEAN 14 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 JUN 010/011

ESTIMATED AFR/AP 14 JUN 008/011

PREDICTED AFR/AP 15 JUN-17 JUN 010/015-008/015-007/010

SOLTERWARN

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