

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/30/86 00:00:00

End : 03/30/86 23:59:00

03/30 22:00

2131

HEUS3 BOU 302200

NATIONAL SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 089

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY WAS VERY LOW THE PAST 24 HOURS. REGION 4720 (NO3W29) CONTINUED TO BE QUIET AND STABLE. THE REGION WAS REPORTED AS AN AXX-ALPHA SPOT GROUP PRIOR TO 30/1200Z. ALL REPORTS AFTER THAT TIME CALLED THE REGION SPOTLESS. THE REMAINDER OF THE DISK AND LIMBS WERE QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: GEOMAGNETIC ACTIVITY WAS GENERALLY QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS WITH THE FIELD POSSIBLY REACHING MINOR STORM LEVELS ON THE FINAL DAY. THE INCREASE TO STORM CONDITIONS IS DUE PRIMARILY TO THE FILAMENT DISAPPEARANCE MENTIONED IN YESTERDAYS REPORT.

III. EVENT PROBABILITIES 31 MAR-02 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

AF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAR 072

PREDICTED 31 MAR-02 APR 072/072/072

90 DAY MEAN 30 MAR .078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 MAR 007/013

ESTIMATED AFR/AP 30 MAR 004/008

PREDICTED AFR/AP 31 MAR-02 APR 008/010-015/015-019/030

SOLTERWARN

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