

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/10/86 00:00:00

End : 03/10/86 23:59:00

03/10 22:00

2129

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 069

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4717 (S01W52) CONTINUED TO DECAY. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4717 PROVIDES A VERY SLIGHT CHANCE OF MODERATE ACTIVITY (M-LEVEL X-RAY).

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:

THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE THE FIRST HALF OF THE PERIOD. STORM CONDITIONS ARE PROBABLE AT HIGH LATITUDES. THIS DISTURBANCE IS BASED ON A NEGATIVE CORONAL HOLE THAT WAS AT CENTRAL MERIDIAN 8 MAR. THE LAST HALF OF THE PERIOD IS EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 11 MAR-13 MAR

CLASS M 02/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 083

PREDICTED 11 MAR-13 MAR 081/076/072

90 DAY MEAN 10 MAR 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 MAR 004/009

ESTIMATED AFR/AP 10 MAR 003/010

PREDICTED AFR/AP 11 MAR-13 MAR 019/025-015/020-009/015

SOLTERWARN

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