

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/12/86 00:00:00

End : 03/12/86 23:59:00

03/12 22:00

2142

HFUS3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 071

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 MAR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4717 (S01W77) CONTINUED TO DECAY. FOUR FILAMENTS DISAPPEARED: REGION 4715 S (S13, L-063) LEFT AT 12/0912Z AFTER AN EXTENSION TO .11 SOLAR RADII AT 0824Z IN CONJUNCTION WITH A B2/ON FLARE IN REGION 4717; A SEVEN DEGREE LEFT AT 12/1410Z FROM S45W30; AN EIGHT DEGREE LEFT FROM S10W71 AT 12/1515Z; AND THE REMAINING 13 DEGREES LEFT FROM S16W75 AT 12/1610Z. THE LAST TWO HAVE BEEN REFORMING LATE IN THE PERIOD. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

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

III. EVENT PROBABILITIES 13 MAR-15 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAR 078

PREDICTED 13 MAR-15 MAR 075/072/069

90 DAY MEAN 12 MAR 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 MAR 002/006

ESTIMATED AFR/AP 12 MAR 008/008

PREDICTED AFR/AP 13 MAR-15 MAR 009/010-007/010-006/010

SOLTERWARN

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