

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/26/87 00:00:00

End : 04/26/87 23:59:00

04/26 22:00

01

HFUS3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 116

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z

TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED

REGIONS WERE QUIET AND STABLE. REGION 4797 (N04E10) HAS

DECREASED IN SIZE. REGION 4798 (N27W82) IS DISPLAYING SURGE

ACTIVITY AS IT APPROACHES THE WEST LIMB. NO NEW REGIONS WERE

NUMBERED.

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

VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND

QUIET TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE GENERALLY UNSETTLED WITH BRIEF PERIODS OF ACTIVE

CONDITIONS AT HIGH LATITUDES FOR 27-28 APRIL, BECOMING QUIET TO

UNSETTLED FOR 29 APRIL.

III. EVENT PROBABILITIES 27 APR-29 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

CAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APR 073

PREDICTED 27 APR-29 APR 074/074/075

90 DAY MEAN 26 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 APR 006/007

ESTIMATED AFR/AP 26 APR 005/010

PREDICTED AFR/AP 27 APR-29 APR 010/014-010/014-005/010

NNNN

<003>

04/26 22:00

2247

HFUS3 BOU 262200 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 116

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z

TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED

REGIONS WERE QUIET AND STABLE. REGION 4797 (N04E10) HAS

INCREASED IN SIZE. REGION 4798 (N27W82) IS DISPLAYING SURGE

ACTIVITY AS IT APPROACHES THE WEST LIMB. NO NEW REGIONS WERE
NUMBERED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND
QUIET TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED WITH BRIEF PERIODS OF ACTIVE
CONDITIONS AT HIGH LATITUDES FOR 27-28 APRIL, BECOMING QUIET TO
UNSETTLED FOR 29 APRIL.

III. EVENT PROBABILITIES 27 APR-29 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APR 073

PREDICTED 27 APR-29 APR 074/074/075

90 DAY MEAN 26 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 APR 006/007

ESTIMATED AFR/AP 26 APR 005/010

PREDICTED AFR/AP 27 APR-29 APR 010/014-010/014-005/010

NNNN

<003>

04/26 22:00

249

HFUS3 BOU 262200 RTD

RETRANSMITTED AS REQUESTED.

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 116

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 APR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z
TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED
REGIONS WERE QUIET AND STABLE. REGION 4797 (N04E10) HAS
DECREASED IN SIZE. REGION 4798 (N27W82) IS DISPLAYING SURGE
ACTIVITY AS IT APPROACHES THE WEST LIMB. NO NEW REGIONS WERE
NUMBERED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET AT MID-LATITUDES AND
QUIET TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED WITH BRIEF PERIODS OF ACTIVE
CONDITIONS AT HIGH LATITUDES FOR 27-28 APRIL, BECOMING QUIET TO
UNSETTLED FOR 29 APRIL.

III. EVENT PROBABILITIES 27 APR-29 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

UNOBSERVED 26 APR 073
PREDICTED 27 APR-29 APR 074/074/075
90 DAY MEAN 26 APR 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 APR 006/007

ESTIMATED AFR/AP 26 APR 005/010

PREDICTED AFR/AP 27 APR-29 APR 010/014-010/014-005/010

NNNN

<003>