

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/10/86 00:00:00

End : 04/10/86 23:59:00

04/10 22:00

2149

HFUSS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 100

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED, BUT FOUR FILAMENTS HAVE DISAPPEARED WITH THE LARGEST BEING 38 DEGREES LONG FROM S39E70. A NEW REGION WAS NUMBERED AND IT IS REGION 4723 (S10E45). A SIMPLE BIPOLE WITH SCATTERED PLAGE CONSTITUTE THE REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT GENERALLY ACTIVE TO MINOR STORM LEVELS THE PAST 24 HOURS. MAJOR STORM CONDITIONS WERE ATTAINED PERIODICALLY AT HIGH-LATITUDES. A RECURRENT DISTURBANCE MAY BE RESPONSIBLE FOR THE ACTIVITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: (U?A)

A

1!

)?)A

A! \$

(

NNNN

<003>

04/10 22:00

2154

HFUSS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 100

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 APR 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED, BUT FOUR FILAMENTS HAVE DISAPPEARED WITH THE LARGEST BEING 38 DEGREES LONG FROM S39E70. A NEW REGION WAS NUMBERED AND IT IS REGION 4723 (S10E45). A SIMPLE BIPOLE WITH SCATTERED PLAGE CONSTITUTE THE REGION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT GENERALLY ACTIVE TO MINOR STORM LEVELS THE PAST 24 HOURS. MAJOR STORM CONDITIONS WERE ATTAINED PERIODICALLY AT HIGH-LATITUDES. A RECURRENT DISTURBANCE MAY BE RESPONSIBLE FOR THE ACTIVITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY QUIET TO UNSETTLED, WITH HIGH-LATITUDES EXPERIENCING A SLIGHTLY HIGHER LEVEL OF

ACTIVITY.

III. EVENT PROBABILITIES 11 APR-13 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 APR 072

PREDICTED 11 APR-13 APR 072/073/073

90 DAY MEAN 10 APR 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 APR 013/018

ESTIMATED AFR/AP 10 APR 020/040

PREDICTED AFR/AP 11 APR-13 APR 010/015-005/015-005/015

SOLTERWARN

BT

NNNN

<003>