

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/02/86 00:00:00

End : 11/02/86 23:59:00

11/02 22:00

2201

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 306

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 02 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGIONS 4751 AND 4752 HAVE ROTATED OFF THE SOLAR DISK. AN ACTIVE PROMINENCE WAS OBSERVED FROM 4752 ON THE WEST LIMB AT ABOUT S20. REGION 4754 (NOOW09) IS BREAKING UP FROM ITS SINGLE H-TYPE SPOT CONFIGURATION. REGION 4755 (NO2E04) ALSO SEEMS TO BE ON THE DECLINE AS ITS TRAILER SPOTS ARE LOSING PENUMBRA AND THE POLES OF THE REGION ARE SPREADING APART. BOTH REGIONS HAVE PRODUCED A FEW SUBFLARES DURING THE PERIOD. RADIO NOISE AND BURSTS AT 245MHZ HAVE BEEN OBSERVED FREQUENTLY DURING THE DAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET ON 3 NOVEMBER, BECOMING UNSETTLED WITH PERIODS OF ACTIVE CONDITIONS LATE ON 4 NOVEMBER AND CONTINUING THROUGH 5 NOVEMBER.

III. EVENT PROBABILITIES 03 NOV-05 NOV

CLASS M 08/07/06

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 NOV 086

PREDICTED 03 NOV-05 NOV 084/082/080

90 DAY MEAN 02 NOV 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 NOV 011/017

ESTIMATED AFR/AP 02 NOV 005/009

PREDICTED AFR/AP 03 NOV-05 NOV 005/011-010/011-015/011

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11/02 22:03

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HFUS3 BOU 022203 RTD

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 306

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

::::::: CORRECTED COPY :::::::::::::::::::::

ISSUED 2200Z 02 NOV 1986

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PREDICTED AFR/AP 03 NOV-05 NOV 005/011-010/011-015/011

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11/02 22:05

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HFUS3 BOU 022205 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

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: : : : : CORRECTED COPY : : : : : : : : : : :

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