

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 (NOOWO9) 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

2221  
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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V. GEOMAGNETIC A INDICES

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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 22:05

0008

HFUS3 BOU 022205 COR  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 306

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OBSERVED FROM 4752 ON THE WEST LIMB AT ABOUT S20. REGION 4754  
(NOOW09) IS BREAKING WLS

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