

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/14/86 00:00:00

End : 11/14/86 23:59:00

11/14 22:00

2206

HFUS3 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 318

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 14 NOV 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4757 (N25E75) ROTATED ONTO THE DISK ENOUGH TO BE CLASSIFIED A DSD TYPE. IT WAS A CYCLE 22 BETA MAGNETIC CONFIGURATION. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4757 PROVIDES A SLIGHT CHANCE OF MODERATE ACTIVITY (M-LEVEL OR GREATER X-RAY FLARES).

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. A RECURRENT DISTURBANCE IS EXPECTED TO BEGIN MIDWAY THROUGH THE PERIOD.

III. EVENT PROBABILITIES 15 NOV-17 NOV

CLASS M 30/25/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 076

PREDICTED 15 NOV-17 NOV 079/082/085

90 DAY MEAN 14 NOV 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 13 NOV 003/009

ESTIMATED AFR/AP 14 NOV 004/008

PREDICTED AFR/AP 15 NOV-17 NOV 010/015-013/015-015/020

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