

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 11/22/87 00:00:00

End : 11/22/87 23:59:00

11/22 22:00

2211

HFUS3 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 326

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 22 NOV 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4891 (S21W06) CONTINUES TO GROW IN BOTH WHITE LIGHT AND H-ALPHA. NEW REGION 4896 (S34W19) EMERGED AS A SIMPLE BIPOLAR SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. REGIONS 4PP ALPM KHMS KOWC KBOU DE KBOU 221545Z NOV 87

BT

REGION SN48 (S34W14) IS ASSIGNED SESC REGION NUMBER 4896.

LT. ABBOTT SENDS.

BT

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11/22 22:00

2215

HFUS3 BOU 222200 RTD

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IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4891 (S21W06) CONTINUES TO GROW IN BOTH WHITE LIGHT AND H-ALPHA. NEW REGION 4896 (S34W19) EMERGED AS A SIMPLE BIPOLAR SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. REGIONS 4890 (S25W66) AND 4891 HAVE SHOWN POTENTIAL TO SIGNIFICANTLY INCREASE THE ACTIVITY LEVELS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET TO UNSETTLED AT MID-LATITUDES AND UNSETTLED TO ACTIVE AT HIGH LATITUDES.

III. EVENT PROBABILITIES 23 NOV-25 NOV

CLASS M 25/25/20

CLASS X 05/05/05

FOR TON 05/05/05

FOR F GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 NOV 121
PREDICTED 23 NOV-25 NOV 121/120/118
90 DAY MEAN 22 NOV 094

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 NOV 007/011

ESTIMATED AFR/AP 22 NOV 008/011

PREDICTED AFR/AP 23 NOV-25 NOV 010/025-015/030-010/020

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