

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 04/27/87 00:00:00

End : 04/27/87 23:59:00

04/27 22:00

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HFUS3 BOU 272200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 117
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 27 APR 1987
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100Z
TO 27/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED
REGIONS WERE QUIET. REGION 4797 (N03W03) IS THE ONLY REGION
WITH SPOTS AND HAS NOT PRODUCED ANY SIGNIFICANT ACTIVITY
DURING THE PAST 24 HOURS.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN WITHIN
THIS FORECAST PERIOD.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE
LATITUDES. THE HIGH LATITUDE FIELD HAS BEEN MOSTLY UNSETTLED
WITH PERIODS AT ACTIVE LEVELS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED FOR THE FIRST DAY OF THE
FORECAST PERIOD, BECOMING QUIET TO UNSETTLED FOR THE REMAINDER
OF THE PERIOD.
III. EVENT PROBABILITIES 28 APR-30 APR
CLASS M 01/01/01
CLASS X 01/01/01
COTON 01/01/01
CAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 27 APR 074
PREDICTED 28 APR-30 APR 074/074/075
90 DAY MEAN 27 APR 077
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 26 APR 005/008
ESTIMATED AFR/AP 27 APR 010/014
PREDICTED AFR/AP 28 APR-30 APR 010/014-005/010-005/010

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