

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/02/87 00:00:00

End : 05/02/87 23:59:00

05/02 22:00

02

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 122

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 02 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z
TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY MINOR
SUBFLARES HAVE BEEN OBSERVED SINCE THE BEGINNING OF THE
PERIOD. OBSERVATORY REPORTS INDICATE THAT NO SIGNIFICANT
CHANGES HAVE OCCURRED IN THE REGIONS. ONE NEW REGION
WAS NUMBERED. NEW REGION 4805 (N05E18) IS A BXO/BETA
SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW. THE REGIONS ON THE DISK APPEAR TO HAVE STABILIZED
CONSIDERABLY SINCE YESTERDAY. SMM REPORTED NO EVIDENCE OF
ANY ACTIVITY ASSOCIATED WITH THE EXPECTED RETURN OF REGION
4787/4790 COMPLEX. THE EAST LIMB IS BASICALLY QUIET.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH
ONLY BRIEF PERIODS OF ACTIVE CONDITIONS OBSERVED AT HIGH
LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 03 MAY-05 MAY

CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAY 080
PREDICTED 03 MAY-05 MAY 082/084/086
90 DAY MEAN 02 MAY 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 MAY 009/010
ESTIMATED AFR/AP 02 MAY 010/012
PREDICTED AFR/AP 03 MAY-05 MAY 010/015-014/020-012/015

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