

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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