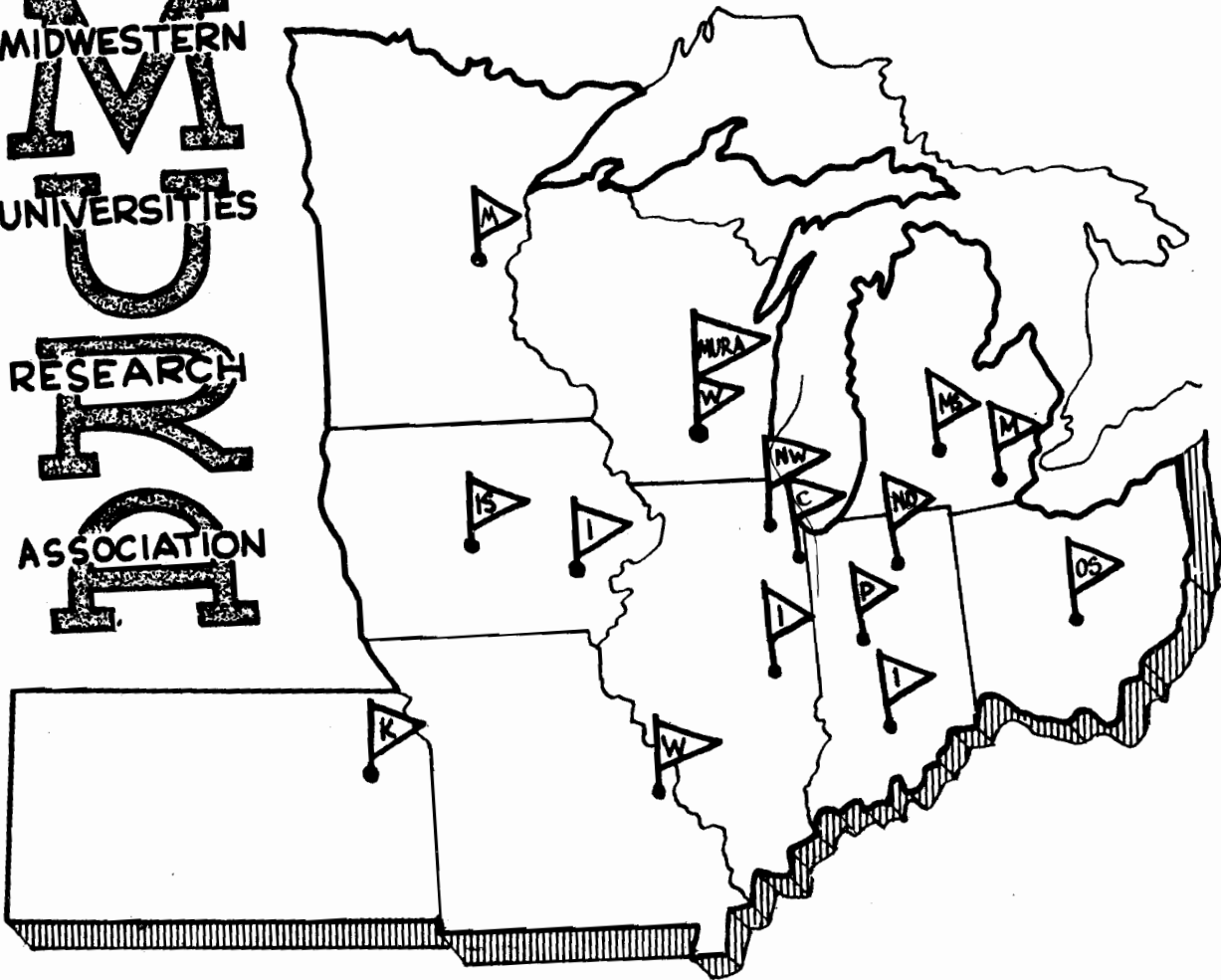




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REPORT TTT SCOPE SIMULATION
(Program 232)
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TTT SCOPE SIMULATION
(Program 232)

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This program is identical in most respects to its forerunner TTT Scope (Program No. 119) except in its method of producing graphical plots. The familiar diagrams which appeared on the face of the CRT display unit and were permanently recorded on 35 mm film are now simulated onto a single sheet of paper on the IBM 716 Printer. These plots are produced only after all printing for the particular run is completed in the case of bounded plots. In unbounded plots, the graphs will appear immediately after that step which completes a full page of information. This corresponds to a single film frame of the former TTT Scope Program. Two minor features of the old program have been removed. These are the Commercial and the grid lines. Consequently, one should not attempt to attach agenda concerning these items to his main agendum sheets. In all other respects, the program functions identically to its predecessor.

In preparing agenda for this program, the user should go about his normal writing as though he were still submitting data to TTT Scope (Program 119). In fact, he must use the same agendum forms of that program and the only modification which is requested is that the program number 119 be blocked out and 232 written in its place.

It may be necessary to point out that the TTT Scope Program allowed for the simultaneous plotting of two sets of coordinates on the same frame. One can still fill out an agendum calling for two different graphs but the program will ignore the second one entirely.

The raster size on paper is 103 x 64. There are 103 distinct points along any horizontal axis and 64 on a vertical axis. However, on any paper plot only 62 lines are printed since the top two horizontal lines are omitted. A set of axis consisting of asterisks is plotted through the center of the page on both bounded and unbounded cases.

I should make one last note concerning a slight change in the printing format; in case it disturbs any of those acquainted with the former program. Printing is identical in all cases, except that in the case of integers all leading zeroes are suppressed.

For more details and possible refreshment on the general scope of the TTT Program, the reader is referred to two internal reports, MURA-225 and MURA-299.