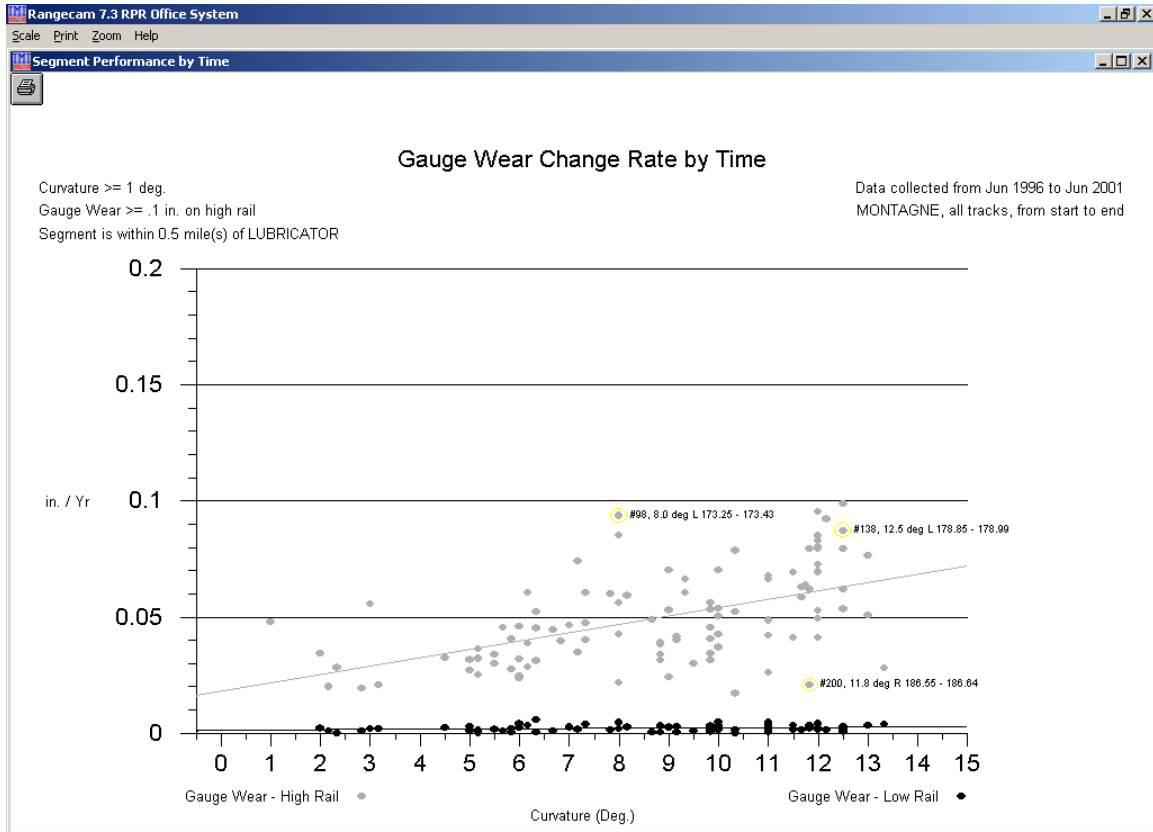


# Rail Wear Analyst

by Industrial Metrics Inc.

## Selected Screen Shots



*Curve Performance Comparison Chart*

### *Curve Performance Comparison*

This capability allows you to:

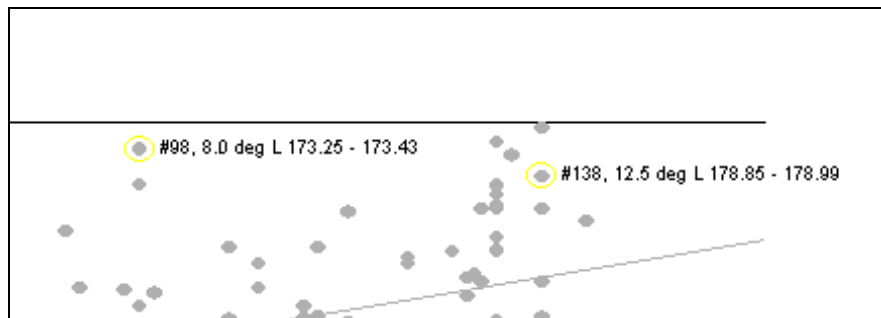
- explore the database to determine the factors causing below-average and above-average curve wear
- quantify the effects on wear rates of lubrication, over/under elevation, metallurgy, etc.
- compare average wear rates between all curves in one territory and another

- compare average wear rates over time, to assess changes in traffic patterns, maintenance practices, etc.

Each charted point shows the wear rate on the high-rail or low-rail of a given curve. By clicking on the point, you can see the curve location. By double-clicking, you can access additional information about the curve, including the presence of lubricators, crossings, etc.; you can also see wear charts and trend charts for the curve.

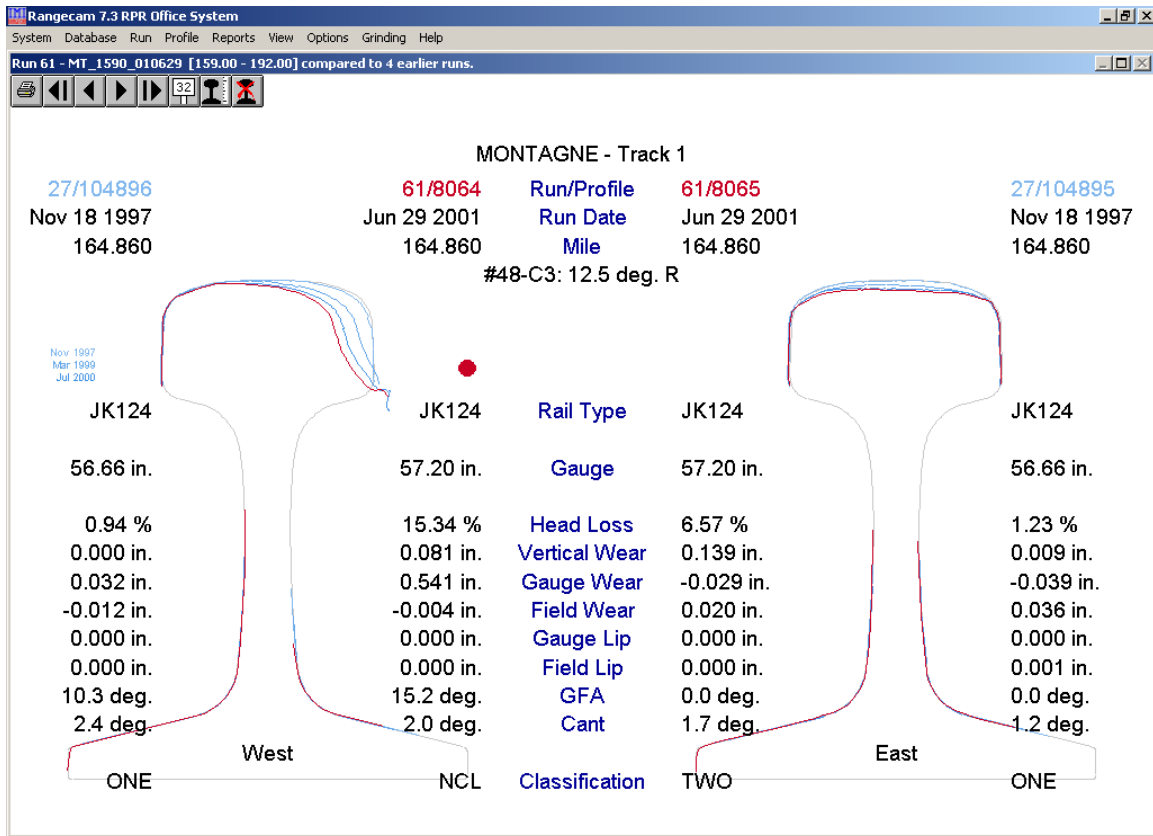
An average wear rate by degree of curvature can be plotted for all included curves. Curves above the line are worse-than-average performers; below the line are better-than-average.

This chart works with the new Track Segment Query. The Query allows you to select the curves and tangent sections that are plotted on the chart. Selection can be based on many different attributes including superelevation, metallurgy, annual MGT, absolute wear as of the most recent measurement, and proximity to track points such as lubricators. (These attributes must have been recorded in the database.)



*Curve Performance Comparison -  
'single-click' detail*

## Multi-Year Comparison

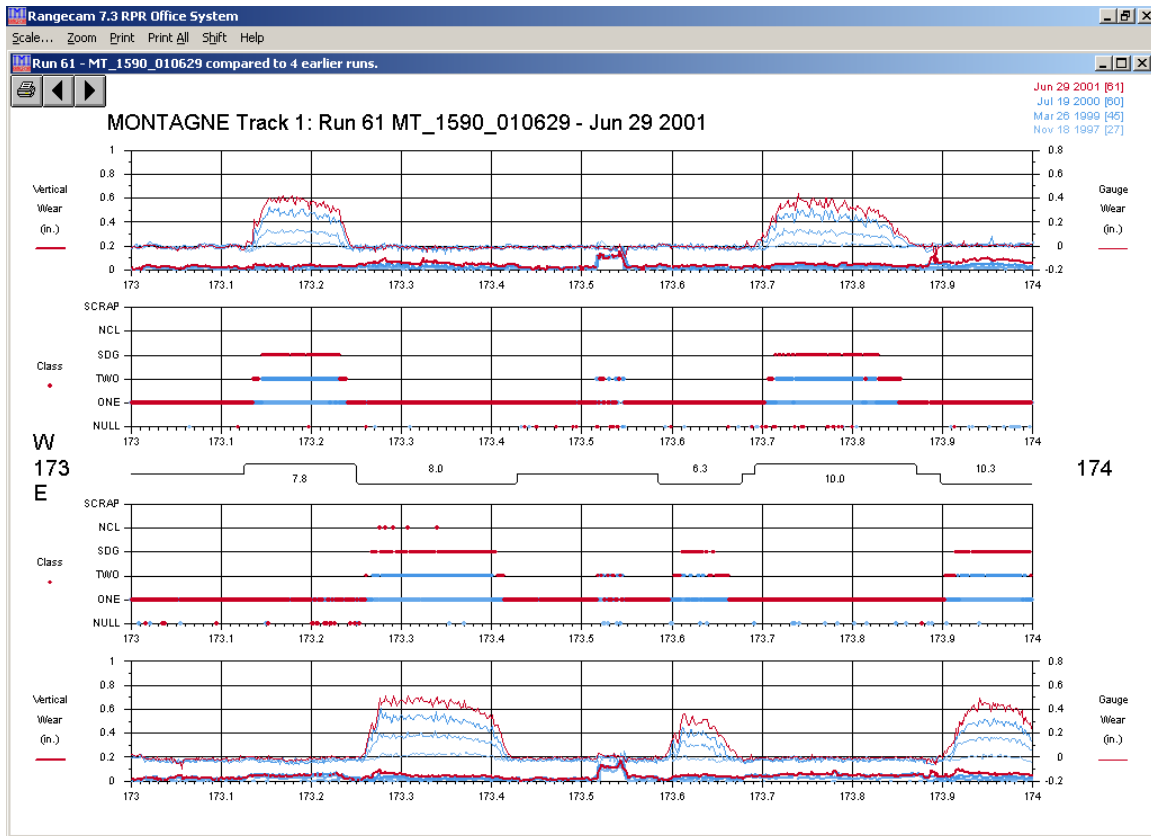


*Two-Up Profile View showing multi-year comparisons*

Now you can select multiple comparison runs - to a maximum of nine. This shows you very clearly what is happening to your rail over an extended period of time.

Multi-year comparisons are also available in wear charts (next page).

## Wear Chart Redesign



*New chart design, with multi-year comparison*

Wear charts have been redesigned for improved readability and looks. Design changes include:

- mileage range for the page in large font; more legible mileage values on horizontal axis
- track side in large font
- measurement legends moved to sides, beside the corresponding axis
- coloured legend identifying comparison runs on the page

For more information on Rail Wear Analyst, contact your reseller or:

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