

Complex Layout with Image

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1 Introduction to the Complex Layout

This fixture is the Stage 3 example: a genuinely complex document layout that combines a title block, section headings, an embedded raster image, text wrapping around that image, a multi-column region, and a table all in one document. Its primary assertion target is the section heading **Complex Layout with Image** and the prose marker `layoutsentinel-intro`, which appears only here and nowhere else in the document.

The image above is embedded as a solid-color square with no text content. The surrounding prose, however, is meant to be extracted, and it carries the distinctive marker `layoutsentinel-wrap`. The `wrapfig` environment places the figure on the right and lets this paragraph flow around it, so the physical layout here is more complex than the plain single-column fixtures. When this document is parsed, the text of this paragraph should still be recovered even though the figure sits beside it.



Figure 1: Sentinel image caption for the wrapped figure.

Additional filler prose follows so that the wrapping behavior is visually obvious and the paragraph genuinely extends beside the figure rather than merely sitting above or below it.

This describes the seasonal variation of precipitation across the northern uplands, the gradual retreat of the glaciers, and the corresponding shift in the distribution of alpine vegetation. None of this filler carries a sentinel; it exists purely to give the layout real body so the test fixture reads as an authentic complex page rather than a toy.

2 Multi-Column Region

In this section the text flows across two columns. The left-hand content begins here and continues into the second column automatically. The marker `layoutsentinel-multicol` is placed in this two-column region so that the tests can confirm that multi-column text is still extracted as readable prose, just as in the earlier two-column fixture. Additional narrative about the measurement campaign, the calibration of the instruments, and the number of recordings taken per season follows to give the columns reasonable height.

The second column carries the marker `layoutsentinel-multicol-2`. It repeats the theme of the previous column while adding further detail about the data processing pipeline: the raw readings are smoothed, outliers are flagged, and the resulting series are aggregated into the summary table shown below. Together these two sentinels let the tests verify that text spanning a multi-column break is recovered intact.

3 Summary Table

The document also embeds a `tabular` table so that table extraction can be exercised alongside the image and multi-column features. The table below carries the sentinel `layoutsentinel-table` in its first data cell.

Region	Recordings	Flag
layoutsentinel-table	128	active
Northern	64	active
Alpine	32	retired

4 Conclusion

This concluding section spans the second page of the fixture and re-states the heading **Complex Layout with Image** alongside the marker `layoutsentinel-conclusion`. It ensures the document runs to at least two pages and that a reliable, text-only assertion target exists on the final page regardless of how the image is routed during extraction. The image itself is blank, so the automated tests deliberately assert only on the surrounding text and heading.