

Three Invisible Clocks | Almost Zero, The Unwritten Laws, 120 x 150 cm

The air's three daily tides, at the hour two of them cancel.

The data

The readings come from a home weather station with a barometer at La Saladita, read every five minutes and averaged to hours, from November 2023 to September 2026. Slow swings from passing weather were removed first, leaving the small rhythms that repeat every day.

The method

For each month of the year, with the years pooled together, the hourly record was fitted with waves of fixed length: one day, half a day and a third of a day. Each wave has a size A and a time of peak:

$$p(t) = A \cdot \cos(2\pi \cdot (t - t_{\text{peak}}) / P)$$

In January, at 06:22, the day wave and the half-day wave are equal and opposite, +0.6864 mb and -0.6864 mb, so they cancel, and the third-of-a-day wave (-0.2195 mb) is what is left. The painting draws the blue field above the day wave and the sand field below the mirror image of the half-day wave, so the two fields touch exactly where the waves cancel. The rust wedge is as long as the wave that remains.

What the checks found

A computer compared the finished painting with the exact shapes: 3/3 figure regions, each in its place, with nothing added, and the light and dark of the image follow the shapes closely. A second check recalculated the waves from the raw readings and measured the rust wedge in the painting: 160.3 px against 164.6 px expected. Before any of this, the checking software was tried on deliberately broken copies, and it caught every one. The full technical record is available on request.

Sources & verification

Every shape in the finished image matches the geometry computed from the barometer readings. All three shapes are there, each in its place, and nothing was added. The 06:22 moment was recalculated from the raw readings and matches the painting to within a few pixels. The full record is available on request, so anyone can rerun the checks.

What the checks establish: every shape in the finished image matches the geometry computed from the data or the published model. They do not test the model against nature itself; that rests on the data and the published science named above.