

Noise survey — Production area

Measured locations and estimated spatial variation

SURVEY

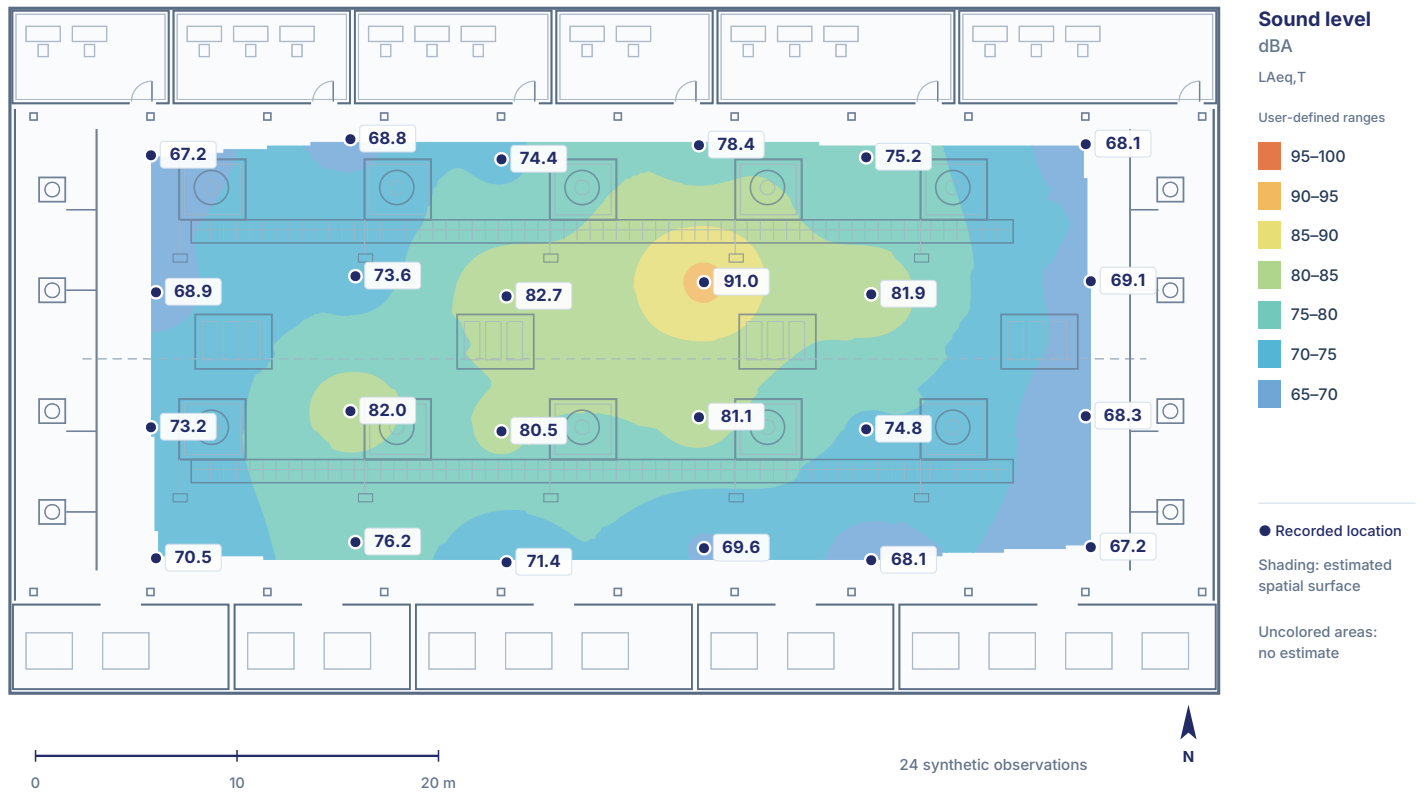
Production area

OBSERVATIONS

24 locations

QUANTITY

LAeq,T · dBA



Illustrative facility drawing · Demonstration data

MAPPING METHOD

Spatial IDW of measured dBA levels.
Distances are expressed in meters.
Color intervals are user-defined.

READING THE MAP

Point labels show the synthetic observations.
Shaded areas show the estimated surface.
Uncolored areas have no estimate.

DEMONSTRATION DATA

This illustrative facility and dataset are provided for design review.

Measurement register

Synthetic observations used in the illustrated noise map

SURVEY

Production area

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QUANTITY

LAeq,T · dBA

Point ID	X (m)	Y (m)	LAeq,T (dBA)
N-01	7.00	7.30	67.2
N-02	16.90	6.50	68.8
N-03	24.40	7.50	74.4
N-04	34.20	6.80	78.4
N-05	42.50	7.40	75.2
N-06	53.40	6.75	68.1
N-07	7.25	14.10	68.9
N-08	17.15	13.30	73.6
N-09	24.65	14.30	82.7
N-10	34.45	13.60	91.0
N-11	42.75	14.20	81.9
N-12	53.65	13.55	69.1
N-13	7.00	20.80	73.2
N-14	16.90	20.00	82.0
N-15	24.40	21.00	80.5
N-16	34.20	20.30	81.1
N-17	42.50	20.90	74.8
N-18	53.40	20.25	68.3
N-19	7.25	27.30	70.5
N-20	17.15	26.50	76.2
N-21	24.65	27.50	71.4
N-22	34.45	26.80	69.6
N-23	42.75	27.40	68.1
N-24	53.65	26.75	67.2

ILLUSTRATION SETTINGS

IDW power: 2 · Up to 8 neighbors · Search distance: 24 m

Minimum 3 nearby observations except at an exact observation.

Estimated coverage is limited to the observation hull.