

4.2.1 Der Prognosebetrieb MGL2015

Im Gutachten [7] wurden für den Prognose-Betrieb des Jahres 2015 am Flughafen Mönchengladbach schon die sich ergebenden Schutzzonen sowie Detailinformationen zu Einzelpunkten vorgelegt. Hier soll zusätzlich als Ausgangsbasis die Matrix der Leq(4)-Werte für das Großgebiet vorgelegt werden.

Tabelle 7 : Der Prognosebetrieb MGL2015

ERGEBNISSE : AEQUIVALENTE DAUERSCHALLPEGEL LEQ(4)

BEZUGSSYSTEM: X-ACHSE IN OST-WEST, Y-ACHSE IN NORD-SUED UM FLUGHAFEN-BEZUGSPUNKT

X-Y-KOORD.	-12000	-11000	-10000	-9000	-8000	-7000	-6000	-5000	-4000	-3000	-2000	-1000	0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	
14000 *	28.9	33.4	36.6	37.9	36.4	31.8	25.1	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13000 *	30.3	34.2	37.1	37.9	35.6	30.3	23.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12000 *	31.9	35.0	37.5	37.7	34.6	28.8	21.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11000 *	37.0	37.5	39.0	38.3	34.3	27.7	18.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10000 *	41.4	41.9	41.9	40.2	36.5	31.3	23.1	0.0	9.3	30.2	20.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9000 *	44.0	45.6	45.5	43.9	40.3	36.4	31.4	20.4	18.8	31.9	19.3	0.0	0.0	0.0	21.9	21.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8000 *	45.6	47.1	48.4	47.8	45.5	41.5	37.5	32.1	20.1	32.1	20.5	1.1	0.0	0.0	21.9	21.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7000 *	45.3	45.7	47.5	49.6	49.3	46.9	43.0	38.6	32.7	32.1	23.7	3.3	0.3	19.1	26.6	23.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6000 *	42.8	41.3	43.7	47.4	50.3	50.9	48.4	44.3	39.7	36.3	26.5	8.8	5.5	26.2	29.1	24.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5000 *	39.8	36.0	38.7	43.1	47.2	50.9	52.7	49.9	45.6	41.7	35.3	14.7	8.2	29.0	26.0	24.9	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4000 *	38.3	34.2	33.8	37.7	41.9	46.6	50.9	54.3	51.7	47.3	42.5	37.2	15.2	30.4	21.2	25.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3000 *	38.8	33.3	28.0	30.9	36.3	40.9	45.6	50.5	55.5	54.0	49.8	45.5	36.6	30.5	15.4	25.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2000 *	39.8	35.3	29.8	22.6	24.7	33.8	39.6	44.5	49.8	56.8	59.3	53.1	44.7	38.4	14.2	24.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1000 *	40.7	37.6	33.1	27.0	17.6	7.1	29.4	37.5	44.7	51.7	58.5	65.8	52.9	44.8	39.8	29.6	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0 *	40.9	39.5	35.9	30.8	24.4	16.5	24.9	30.2	38.0	43.3	48.0	55.5	75.9	55.4	46.9	41.6	30.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-1000 *	40.3	40.6	38.2	34.1	29.3	30.4	28.2	17.4	22.8	33.8	39.2	44.5	52.7	65.9	55.3	47.9	37.1	29.9	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-2000 *	39.0	40.7	39.9	36.6	34.6	27.4	18.2	16.7	22.0	19.3	21.3	12.8	13.0	0.0	29.6	42.9	45.6	52.2	56.0	48.1	41.0	31.2	24.1	16.1	0.0	0.0	0.0	0.0	0.0	
-3000 *	37.4	40.1	40.7	38.8	34.9	29.6	22.0	19.3	21.3	12.8	13.0	0.0	29.6	42.9	45.6	52.2	56.0	48.1	41.0	31.2	24.1	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-4000 *	35.8	38.8	40.6	40.2	37.3	32.8	26.7	23.0	21.2	14.5	6.3	0.0	22.6	34.3	35.7	42.6	50.0	55.1	48.8	43.1	30.3	24.2	19.6	10.0	0.0	0.0	0.0	0.0	0.0	
-5000 *	34.2	37.2	39.9	40.7	39.3	35.6	30.4	26.5	22.2	11.9	0.0	0.0	23.5	32.3	25.6	32.1	38.0	42.6	46.4	50.0	49.3	43.9	38.0	25.9	21.7	16.2	9.3	5.6	7.7	
-6000 *	32.4	35.6	38.6	40.5	40.4	38.0	33.7	30.0	23.7	5.3	0.0	0.0	23.5	32.3	25.6	32.1	38.0	42.6	46.4	50.0	49.3	43.9	38.0	25.9	21.7	16.2	9.3	5.6	7.7	
-7000 *	29.7	33.8	37.1	39.7	40.8	39.7	36.5	32.8	26.1	15.5	6.2	12.8	23.5	32.1	29.1	33.3	37.2	38.7	40.7	43.8	47.6	48.8	44.2	38.6	28.3	25.7	23.9	22.9	23.5	
-8000 *	26.1	31.3	35.3	38.4	40.5	40.6	38.7	35.3	29.2	21.7	22.2	24.1	26.9	31.3	33.5	36.0	37.1	38.3	37.7	35.6	42.1	45.5	47.4	44.2	39.9	32.6	31.7	31.3	31.6	
-9000 *	23.4	28.1	33.0	36.8	39.6	40.8	40.2	37.5	32.9	30.0	30.6	31.8	33.3	35.4	37.1	37.9	38.5	38.9	37.7	36.3	36.0	40.7	44.0	46.1	44.5	41.5	37.6	37.2	37.4	
-10000 *	21.6	25.3	30.1	34.7	38.2	40.5	41.0	39.7	37.3	36.1	36.5	37.3	38.3	39.3	39.8	40.3	40.6	40.2	39.4	39.0	38.9	39.2	41.6	43.9	45.4	45.0	43.2	41.5	41.1	
-11000 *	18.4	21.6	26.8	32.0	36.3	39.4	40.9	41.0	40.4	40.0	40.3	40.8	41.3	41.5	41.8	42.0	41.7	41.2	40.2	39.8	39.4	39.1	39.0	39.0	39.0	39.1	40.8	42.1	42.6	41.4
-12000 *	11.3	15.7	21.7	28.0	33.1	36.9	39.4	40.7	41.1	41.3	41.4	41.5	41.6	41.7	41.8	41.5	40.8	40.2	39.8	39.4	39.1	39.0	39.0	39.0	39.1	40.8	42.1	42.6	41.4	
-13000 *	0.0	5.2	13.4	22.1	28.2	32.6	35.9	37.9	39.1	39.5	39.5	39.6	39.7	39.9	39.6	38.6	37.5	36.7	36.0	35.4	35.1	34.9	34.6	34.4	34.4	34.5	36.7	38.2	38.6	
-14000 *	0.0	0.0	0.0	11.8	21.0	26.4	30.4	33.0	34.7	35.5	35.9	36.5	37.1	36.9	35.7	33.9	32.3	30.9	29.9	29.5	29.1	28.6	28.1	27.8	27.6	27.6	28.7	30.0	32.4	

Deutlich ist der Einflußbereich des Mönchengladbacher Flugbetriebes zu erkennen, der in der nordöstlichen Region akustisch nicht wirksam ist da dort keine Mönchengladbacher Flugstrecken verlaufen. Dort ist nur noch der Düsseldorfer Einfluß akustisch vorherrschend.