

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 01 Hasloh, Alter Kirchweg

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       | 1     |       |       |       |       |       |       |       |        | 1     |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       | 43    | 158   | 126   | 5     |       |       |       |       |        | 332   |
| 07 - 08 |                      |       | 25    | 144   | 65    | 1     |       |       |       |       |        | 235   |
| 08 - 09 |                      |       | 41    | 111   | 49    | 1     |       |       |       |       |        | 202   |
| 09 - 10 |                      |       | 32    | 92    | 53    |       |       |       |       |       |        | 177   |
| 10 - 11 |                      |       | 44    | 125   | 88    | 4     |       |       |       |       |        | 261   |
| 11 - 12 |                      |       | 46    | 112   | 113   | 5     |       |       |       |       |        | 276   |
| 12 - 13 |                      |       | 25    | 80    | 78    | 5     |       |       |       |       |        | 188   |
| 13 - 14 |                      |       | 26    | 87    | 71    | 2     |       |       |       |       |        | 186   |
| 14 - 15 |                      |       | 29    | 113   | 57    | 3     |       |       |       |       |        | 202   |
| 15 - 16 |                      |       | 19    | 144   | 117   | 4     |       |       |       |       |        | 284   |
| 16 - 17 |                      |       | 37    | 79    | 77    | 1     |       |       |       |       |        | 194   |
| 17 - 18 |                      |       | 36    | 84    | 47    | 2     |       |       |       |       |        | 169   |
| 18 - 19 |                      |       | 23    | 147   | 73    | 5     |       |       |       |       |        | 248   |
| 19 - 20 |                      |       | 28    | 137   | 63    | 1     |       |       |       |       |        | 229   |
| 20 - 21 |                      |       | 35    | 94    | 38    |       |       |       |       |       |        | 167   |
| 21 - 22 |                      |       | 18    | 53    | 39    |       |       |       |       |       |        | 110   |
| 22 - 23 |                      |       | 8     | 96    | 50    | 1     |       |       |       |       |        | 155   |
| 23 - 00 |                      |       | 1     | 9     | 11    |       |       |       |       |       |        | 21    |
| Tag     |                      |       | 507   | 1760  | 1154  | 39    |       |       |       |       |        | 3460  |
| Nacht   |                      |       | 10    | 106   | 61    | 1     |       |       |       |       |        | 178   |
| Gesamt  |                      |       | 517   | 1866  | 1215  | 40    |       |       |       |       |        | 3638  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

M 02 Harkshörn, Grundschule

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       | 53    | 30    |       |       |       |       |       |       |        | 83    |
| 07 - 08 |                      |       | 33    | 34    | 1     |       |       |       |       |       |        | 68    |
| 08 - 09 |                      |       | 16    | 34    | 1     |       |       |       |       |       |        | 51    |
| 09 - 10 |                      |       | 19    | 21    | 2     |       |       |       |       |       |        | 42    |
| 10 - 11 |                      |       | 22    | 54    | 1     |       |       |       |       |       |        | 77    |
| 11 - 12 |                      |       | 13    | 53    | 10    |       |       |       |       |       |        | 76    |
| 12 - 13 |                      |       | 18    | 37    | 3     |       |       |       |       |       |        | 58    |
| 13 - 14 |                      |       | 21    | 55    | 2     |       |       |       |       |       |        | 78    |
| 14 - 15 |                      |       | 25    | 37    | 2     |       |       |       |       |       |        | 64    |
| 15 - 16 |                      |       | 26    | 53    | 4     |       |       |       |       |       |        | 83    |
| 16 - 17 |                      |       | 12    | 39    | 1     |       |       |       |       |       |        | 52    |
| 17 - 18 |                      |       | 10    | 33    | 1     |       |       |       |       |       |        | 44    |
| 18 - 19 |                      |       | 33    | 37    | 2     |       |       |       |       |       |        | 72    |
| 19 - 20 |                      |       | 24    | 32    |       |       |       |       |       |       |        | 56    |
| 20 - 21 |                      |       | 23    | 21    |       |       |       |       |       |       |        | 44    |
| 21 - 22 |                      |       | 13    | 10    | 1     |       |       |       |       |       |        | 24    |
| 22 - 23 |                      |       | 5     | 6     |       |       |       |       |       |       |        | 11    |
| 23 - 00 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| Tag     |                      |       | 361   | 580   | 31    |       |       |       |       |       |        | 972   |
| Nacht   |                      |       | 5     | 7     |       |       |       |       |       |       |        | 12    |
| Gesamt  |                      |       | 366   | 587   | 31    |       |       |       |       |       |        | 984   |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

M 03 Quickborn, Goethe-Schule

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       | 72    | 97    | 2     | 1     |       |       |       |       |        | 172   |
| 07 - 08 |                      |       | 42    | 60    | 10    | 10    |       |       |       |       |        | 122   |
| 08 - 09 |                      |       | 33    | 38    | 18    | 9     |       |       |       |       |        | 98    |
| 09 - 10 |                      |       | 23    | 53    | 21    | 20    |       |       |       |       |        | 117   |
| 10 - 11 |                      |       | 38    | 86    | 27    | 13    |       |       |       |       |        | 164   |
| 11 - 12 |                      |       | 41    | 118   | 23    | 11    |       |       |       |       |        | 193   |
| 12 - 13 |                      |       | 26    | 70    | 28    | 11    |       |       |       |       |        | 135   |
| 13 - 14 |                      |       | 30    | 66    | 20    | 12    |       |       |       |       |        | 128   |
| 14 - 15 |                      |       | 25    | 60    | 28    | 10    |       |       |       |       |        | 123   |
| 15 - 16 |                      |       | 44    | 114   | 11    | 5     |       |       |       |       |        | 174   |
| 16 - 17 |                      |       | 29    | 78    | 19    | 2     |       |       |       |       |        | 128   |
| 17 - 18 |                      |       | 22    | 45    | 10    | 6     |       |       |       |       |        | 83    |
| 18 - 19 |                      |       | 61    | 77    | 10    | 7     |       |       |       |       |        | 155   |
| 19 - 20 |                      |       | 48    | 56    | 15    | 6     |       |       |       |       |        | 125   |
| 20 - 21 |                      |       | 27    | 36    | 9     | 8     |       |       |       |       |        | 80    |
| 21 - 22 |                      |       | 23    | 22    | 19    | 6     |       |       |       |       |        | 70    |
| 22 - 23 |                      |       | 11    | 29    | 33    | 66    |       |       |       |       |        | 139   |
| 23 - 00 |                      |       | 5     | 4     | 5     | 3     |       |       |       |       |        | 17    |
| Tag     |                      |       | 584   | 1076  | 270   | 137   |       |       |       |       |        | 2067  |
| Nacht   |                      |       | 16    | 33    | 39    | 69    |       |       |       |       |        | 157   |
| Gesamt  |                      |       | 600   | 1109  | 309   | 206   |       |       |       |       |        | 2224  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 04 Norderstedt, Altes Rathaus

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       |       | Gesamt |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 | ≥ 100 |        |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 06 - 07 |                      |       |       | 142   | 70    |       |       |       |       |       |       | 212    |
| 07 - 08 |                      |       |       | 86    | 68    |       |       |       |       |       |       | 154    |
| 08 - 09 |                      |       |       | 52    | 58    | 1     |       |       |       |       |       | 111    |
| 09 - 10 |                      |       |       | 37    | 64    |       |       |       |       |       |       | 101    |
| 10 - 11 |                      |       |       | 60    | 101   | 3     |       |       |       |       |       | 164    |
| 11 - 12 |                      |       |       | 74    | 91    | 10    |       |       |       |       |       | 175    |
| 12 - 13 |                      |       |       | 40    | 74    | 4     |       |       |       |       |       | 118    |
| 13 - 14 |                      |       |       | 41    | 61    | 1     |       |       |       |       |       | 103    |
| 14 - 15 |                      |       |       | 42    | 46    | 2     |       |       |       |       |       | 90     |
| 15 - 16 |                      |       |       | 106   | 105   | 1     |       |       |       |       |       | 212    |
| 16 - 17 |                      |       |       | 43    | 68    | 2     | 1     |       |       |       |       | 114    |
| 17 - 18 |                      |       |       | 37    | 47    |       | 1     |       |       |       |       | 85     |
| 18 - 19 |                      |       |       | 92    | 65    |       | 1     |       |       |       |       | 158    |
| 19 - 20 |                      |       |       | 67    | 68    |       |       |       |       |       |       | 135    |
| 20 - 21 |                      |       |       | 54    | 37    | 2     |       |       |       |       |       | 93     |
| 21 - 22 |                      |       |       | 31    | 26    | 2     |       |       |       |       |       | 59     |
| 22 - 23 |                      |       |       | 15    | 23    | 1     |       |       |       |       |       | 39     |
| 23 - 00 |                      |       |       | 4     | 2     |       |       |       |       |       |       | 6      |
| Tag     |                      |       |       | 1004  | 1049  | 28    | 3     |       |       |       |       | 2084   |
| Nacht   |                      |       |       | 19    | 25    | 1     |       |       |       |       |       | 45     |
| Gesamt  |                      |       |       | 1023  | 1074  | 29    | 3     |       |       |       |       | 2129   |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

M 05 Langenhorn, Kohrswort

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       | 1     | 1     | 1     |       |       |       |       |        | 3     |
| 01 - 02 |                      |       |       | 1     | 1     |       |       |       |       |       |        | 2     |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| 05 - 06 |                      |       |       | 2     |       |       |       |       |       |       |        | 2     |
| 06 - 07 |                      |       | 77    | 209   | 56    | 9     | 21    | 14    | 1     |       |        | 387   |
| 07 - 08 |                      |       | 51    | 101   | 40    | 125   | 21    | 14    | 2     |       |        | 354   |
| 08 - 09 |                      |       | 35    | 54    | 29    | 156   | 33    | 6     |       |       |        | 313   |
| 09 - 10 |                      |       | 26    | 55    | 34    | 209   | 41    | 9     |       |       |        | 374   |
| 10 - 11 |                      |       | 53    | 83    | 49    | 200   | 33    | 20    | 1     |       |        | 439   |
| 11 - 12 |                      |       | 53    | 88    | 41    | 138   | 44    | 9     | 2     |       |        | 375   |
| 12 - 13 |                      |       | 34    | 71    | 50    | 171   | 37    | 4     |       |       |        | 367   |
| 13 - 14 |                      |       | 27    | 55    | 58    | 176   | 45    | 4     |       |       |        | 365   |
| 14 - 15 |                      |       | 25    | 55    | 48    | 231   | 38    | 4     | 1     |       |        | 402   |
| 15 - 16 |                      |       | 62    | 110   | 49    | 126   | 31    | 9     |       |       |        | 387   |
| 16 - 17 |                      |       | 40    | 85    | 61    | 177   | 17    | 3     |       |       |        | 383   |
| 17 - 18 |                      |       | 28    | 58    | 64    | 225   | 19    | 4     |       |       |        | 398   |
| 18 - 19 |                      |       | 31    | 68    | 47    | 187   | 43    | 1     |       |       |        | 377   |
| 19 - 20 |                      |       | 23    | 63    | 30    | 142   | 35    | 13    | 1     |       |        | 307   |
| 20 - 21 |                      |       | 26    | 55    | 35    | 127   | 37    | 6     | 2     |       |        | 288   |
| 21 - 22 |                      |       | 24    | 34    | 34    | 195   | 23    | 7     | 1     |       |        | 318   |
| 22 - 23 |                      |       | 16    | 35    | 33    | 243   | 28    | 5     | 1     |       |        | 361   |
| 23 - 00 |                      |       | 4     | 2     | 1     | 40    | 3     |       |       |       |        | 50    |
| Tag     |                      |       | 615   | 1244  | 725   | 2594  | 518   | 127   | 11    |       |        | 5834  |
| Nacht   |                      |       | 20    | 42    | 36    | 284   | 31    | 5     | 1     |       |        | 419   |
| Gesamt  |                      |       | 635   | 1286  | 761   | 2878  | 549   | 132   | 12    |       |        | 6253  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 07 Langenhorn, Kortenkamp

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       | 1     |       |       |        | 1     |
| 01 - 02 |                      |       |       |       |       | 1     |       |       |       |       |        | 1     |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       | 1     |       |       |        | 1     |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       |       | 3     | 32    | 8     |       |       |       |        | 43    |
| 07 - 08 |                      |       |       |       | 2     | 27    | 142   | 16    |       |       |        | 187   |
| 08 - 09 |                      |       |       | 2     | 9     | 21    | 135   | 63    |       | 1     |        | 231   |
| 09 - 10 |                      |       |       |       | 10    | 24    | 206   | 73    | 1     |       |        | 314   |
| 10 - 11 |                      |       |       | 3     | 11    | 53    | 196   | 66    |       |       |        | 329   |
| 11 - 12 |                      |       |       | 3     | 8     | 56    | 130   | 41    |       |       |        | 238   |
| 12 - 13 |                      |       |       | 2     | 10    | 42    | 155   | 51    | 1     |       |        | 261   |
| 13 - 14 |                      |       |       | 1     | 16    | 43    | 170   | 68    | 2     |       |        | 300   |
| 14 - 15 |                      |       |       |       | 10    | 39    | 202   | 78    | 1     |       |        | 330   |
| 15 - 16 |                      |       |       | 4     | 16    | 51    | 114   | 32    | 1     |       |        | 218   |
| 16 - 17 |                      |       |       |       | 8     | 43    | 161   | 45    |       |       |        | 257   |
| 17 - 18 |                      |       |       | 2     | 15    | 37    | 194   | 54    |       |       |        | 302   |
| 18 - 19 |                      |       |       |       | 9     | 52    | 159   | 61    |       |       |        | 281   |
| 19 - 20 |                      |       |       | 1     | 13    | 29    | 130   | 53    |       |       |        | 226   |
| 20 - 21 |                      |       |       | 1     | 11    | 40    | 118   | 37    |       |       |        | 207   |
| 21 - 22 |                      |       |       | 1     | 2     | 23    | 171   | 64    |       |       |        | 261   |
| 22 - 23 |                      |       |       | 2     | 2     | 15    | 190   | 99    |       |       |        | 308   |
| 23 - 00 |                      |       |       |       |       | 1     | 23    | 18    |       |       |        | 42    |
| Tag     |                      |       |       | 20    | 153   | 612   | 2391  | 802   | 6     | 1     |        | 3985  |
| Nacht   |                      |       |       | 2     | 2     | 17    | 214   | 118   |       |       |        | 353   |
| Gesamt  |                      |       |       | 22    | 155   | 629   | 2605  | 920   | 6     | 1     |        | 4338  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 08 Niendorf, Empfängerstation

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 64    | 128   | 22    |       |       |       |       |        | 214   |
| 07 - 08 |                      |       |       | 15    | 80    | 16    |       |       |       |       |        | 111   |
| 08 - 09 |                      |       |       | 18    | 63    | 10    |       |       |       |       |        | 91    |
| 09 - 10 |                      |       |       | 26    | 39    | 11    | 1     |       |       |       |        | 77    |
| 10 - 11 |                      |       |       | 32    | 99    | 15    | 1     |       |       |       |        | 147   |
| 11 - 12 |                      |       |       | 36    | 98    | 13    | 2     |       |       |       |        | 149   |
| 12 - 13 |                      |       |       | 25    | 70    | 11    |       |       |       |       |        | 106   |
| 13 - 14 |                      |       |       | 21    | 53    | 20    | 2     |       |       |       |        | 96    |
| 14 - 15 |                      |       |       | 25    | 63    | 4     | 1     |       |       |       |        | 93    |
| 15 - 16 |                      |       |       | 29    | 97    | 13    | 1     |       |       |       |        | 140   |
| 16 - 17 |                      |       |       | 30    | 68    | 6     |       |       |       |       |        | 104   |
| 17 - 18 |                      |       |       | 28    | 59    | 11    | 1     |       |       |       |        | 99    |
| 18 - 19 |                      |       |       | 44    | 77    | 5     |       |       |       |       |        | 126   |
| 19 - 20 |                      |       |       | 42    | 66    | 17    |       |       |       |       |        | 125   |
| 20 - 21 |                      |       |       | 29    | 70    | 4     |       |       |       |       |        | 103   |
| 21 - 22 |                      |       |       | 12    | 38    | 14    | 2     |       |       |       |        | 66    |
| 22 - 23 |                      |       |       | 10    | 34    | 13    | 1     |       |       |       |        | 58    |
| 23 - 00 |                      |       |       | 3     | 5     | 3     |       |       |       |       |        | 11    |
| Tag     |                      |       |       | 476   | 1168  | 192   | 11    |       |       |       |        | 1847  |
| Nacht   |                      |       |       | 14    | 39    | 16    | 1     |       |       |       |        | 70    |
| Gesamt  |                      |       |       | 490   | 1207  | 208   | 12    |       |       |       |        | 1917  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 09 Quickborn, Droysenkehre

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       |       | Gesamt |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 | ≥ 100 |        |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |       |        |
| 06 - 07 |                      |       |       | 69    | 21    | 1     |       |       |       |       |       | 91     |
| 07 - 08 |                      |       |       | 72    | 13    | 1     |       |       |       |       |       | 86     |
| 08 - 09 |                      |       |       | 51    | 8     |       |       |       |       |       |       | 59     |
| 09 - 10 |                      |       |       | 41    | 10    | 1     |       |       |       |       |       | 52     |
| 10 - 11 |                      |       |       | 67    | 34    | 1     |       |       |       |       |       | 102    |
| 11 - 12 |                      |       |       | 55    | 40    | 3     |       |       |       |       |       | 98     |
| 12 - 13 |                      |       |       | 44    | 21    |       |       |       |       |       |       | 65     |
| 13 - 14 |                      |       |       | 59    | 20    | 3     |       |       |       |       |       | 82     |
| 14 - 15 |                      |       |       | 62    | 21    |       |       |       |       |       |       | 83     |
| 15 - 16 |                      |       |       | 64    | 50    | 2     |       |       |       |       |       | 116    |
| 16 - 17 |                      |       |       | 32    | 37    | 3     | 2     |       |       |       |       | 74     |
| 17 - 18 |                      |       |       | 54    | 6     | 1     |       |       |       |       |       | 61     |
| 18 - 19 |                      |       |       | 80    | 16    | 1     |       |       |       |       |       | 97     |
| 19 - 20 |                      |       |       | 70    | 18    |       |       |       |       |       |       | 88     |
| 20 - 21 |                      |       |       | 56    | 10    |       |       |       |       |       |       | 66     |
| 21 - 22 |                      |       |       | 27    | 12    | 1     |       |       |       |       |       | 40     |
| 22 - 23 |                      |       |       | 6     | 12    |       |       |       |       |       |       | 18     |
| 23 - 00 |                      |       |       | 1     | 1     |       |       |       |       |       |       | 2      |
| Tag     |                      |       |       | 903   | 337   | 18    | 2     |       |       |       |       | 1260   |
| Nacht   |                      |       |       | 7     | 13    |       |       |       |       |       |       | 20     |
| Gesamt  |                      |       |       | 910   | 350   | 18    | 2     |       |       |       |       | 1280   |



# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 10 Stellungen, Wasserwerk

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 03 - 04 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       |       | 19    | 51    | 9     |       |       |       |        | 79    |
| 07 - 08 |                      |       |       | 1     | 13    | 29    | 11    | 1     |       |       |        | 55    |
| 08 - 09 |                      |       |       | 2     | 8     | 25    | 12    | 1     |       |       |        | 48    |
| 09 - 10 |                      |       |       | 2     | 14    | 18    | 16    | 4     |       |       |        | 54    |
| 10 - 11 |                      |       |       | 4     | 10    | 54    | 24    | 1     |       |       |        | 93    |
| 11 - 12 |                      |       |       | 2     | 21    | 64    | 39    | 1     |       |       |        | 127   |
| 12 - 13 |                      |       |       | 4     | 14    | 36    | 23    | 2     |       |       |        | 79    |
| 13 - 14 |                      |       |       | 4     | 15    | 38    | 21    | 2     |       |       |        | 80    |
| 14 - 15 |                      |       |       | 1     | 23    | 36    | 39    | 6     |       |       |        | 105   |
| 15 - 16 |                      |       |       | 6     | 29    | 67    | 23    | 3     |       |       |        | 128   |
| 16 - 17 |                      |       |       | 2     | 18    | 37    | 20    | 5     |       |       |        | 82    |
| 17 - 18 |                      |       |       | 2     | 22    | 37    | 51    | 9     |       |       |        | 121   |
| 18 - 19 |                      |       |       |       | 20    | 45    | 50    | 7     | 1     |       |        | 123   |
| 19 - 20 |                      |       |       | 5     | 15    | 40    | 51    | 6     |       |       |        | 117   |
| 20 - 21 |                      |       |       | 2     | 5     | 20    | 31    | 3     |       |       |        | 61    |
| 21 - 22 |                      |       |       |       | 3     | 14    | 54    | 9     |       |       |        | 80    |
| 22 - 23 |                      |       |       | 2     | 7     | 10    | 71    | 22    |       |       |        | 112   |
| 23 - 00 |                      |       |       |       |       | 4     | 3     |       |       |       |        | 7     |
| Tag     |                      |       |       | 37    | 249   | 611   | 474   | 60    | 1     |       |        | 1432  |
| Nacht   |                      |       |       | 2     | 9     | 14    | 74    | 22    |       |       |        | 121   |
| Gesamt  |                      |       |       | 39    | 258   | 625   | 548   | 82    | 1     |       |        | 1553  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 11 Norderstedt, Reitstall Ohlenhoff

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 3     | 56    | 249   | 22    |       |       |       |        | 330   |
| 07 - 08 |                      |       | 2     | 9     | 50    | 172   | 7     |       |       |       |        | 240   |
| 08 - 09 |                      |       | 1     | 16    | 47    | 114   | 11    |       |       |       |        | 189   |
| 09 - 10 |                      |       | 3     | 27    | 57    | 99    | 12    |       |       |       |        | 198   |
| 10 - 11 |                      |       | 3     | 37    | 63    | 153   | 26    |       |       |       |        | 282   |
| 11 - 12 |                      |       | 6     | 27    | 65    | 152   | 31    | 1     |       |       |        | 282   |
| 12 - 13 |                      |       | 5     | 31    | 45    | 111   | 18    |       |       |       |        | 210   |
| 13 - 14 |                      |       | 2     | 22    | 35    | 104   | 29    |       |       |       |        | 192   |
| 14 - 15 |                      |       | 2     | 21    | 71    | 105   | 14    |       |       |       |        | 213   |
| 15 - 16 |                      |       | 3     | 23    | 46    | 171   | 29    |       |       |       |        | 272   |
| 16 - 17 |                      |       | 4     | 24    | 38    | 99    | 18    | 1     |       |       |        | 184   |
| 17 - 18 |                      |       | 4     | 20    | 49    | 92    | 5     | 1     |       |       |        | 171   |
| 18 - 19 |                      |       | 4     | 16    | 62    | 171   | 7     |       |       |       |        | 260   |
| 19 - 20 |                      |       | 1     | 16    | 63    | 144   | 5     |       |       |       |        | 229   |
| 20 - 21 |                      |       |       | 15    | 59    | 83    | 13    |       |       |       |        | 170   |
| 21 - 22 |                      |       | 1     | 12    | 38    | 56    | 6     |       |       |       |        | 113   |
| 22 - 23 |                      |       |       | 27    | 77    | 35    | 9     | 1     |       |       |        | 149   |
| 23 - 00 |                      |       |       | 3     | 5     | 12    |       |       |       |       |        | 20    |
| Tag     |                      |       | 41    | 319   | 844   | 2075  | 253   | 3     |       |       |        | 3535  |
| Nacht   |                      |       |       | 31    | 82    | 47    | 9     | 1     |       |       |        | 170   |
| Gesamt  |                      |       | 41    | 350   | 926   | 2122  | 262   | 4     |       |       |        | 3705  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 12 Groß Borstel, Seniorenwohnheim

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 03 - 04 |                      |       |       | 2     | 1     |       |       |       |       |       |        | 3     |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 54    | 30    | 57    | 5     |       |       |       |        | 146   |
| 07 - 08 |                      |       |       | 28    | 21    | 35    | 4     |       |       |       |        | 88    |
| 08 - 09 |                      |       |       | 8     | 14    | 21    | 1     |       |       |       |        | 44    |
| 09 - 10 |                      |       |       | 25    | 12    | 18    | 1     |       |       |       |        | 56    |
| 10 - 11 |                      |       |       | 16    | 25    | 47    | 5     |       |       |       |        | 93    |
| 11 - 12 |                      |       |       | 25    | 36    | 64    | 5     |       |       |       |        | 130   |
| 12 - 13 |                      |       |       | 24    | 23    | 36    | 3     |       |       |       |        | 86    |
| 13 - 14 |                      |       |       | 21    | 18    | 36    | 4     |       |       |       |        | 79    |
| 14 - 15 |                      |       |       | 32    | 32    | 34    | 1     |       |       |       |        | 99    |
| 15 - 16 |                      |       |       | 33    | 48    | 63    | 6     |       |       |       |        | 150   |
| 16 - 17 |                      |       |       | 22    | 28    | 31    | 4     |       |       |       |        | 85    |
| 17 - 18 |                      |       |       | 35    | 29    | 32    |       |       |       |       |        | 96    |
| 18 - 19 |                      |       |       | 36    | 37    | 37    | 3     |       |       |       |        | 113   |
| 19 - 20 |                      |       |       | 29    | 40    | 39    | 4     | 1     |       |       |        | 113   |
| 20 - 21 |                      |       |       | 32    | 20    | 14    | 1     |       |       |       |        | 67    |
| 21 - 22 |                      |       |       | 21    | 20    | 15    | 2     |       |       |       |        | 58    |
| 22 - 23 |                      |       |       | 34    | 22    | 13    |       |       |       |       |        | 69    |
| 23 - 00 |                      |       |       | 2     | 6     | 2     |       |       |       |       |        | 10    |
| Tag     |                      |       |       | 441   | 433   | 579   | 49    | 1     |       |       |        | 1503  |
| Nacht   |                      |       |       | 38    | 30    | 15    |       |       |       |       |        | 83    |
| Gesamt  |                      |       |       | 479   | 463   | 594   | 49    | 1     |       |       |        | 1586  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 13 Poppenbüttel, Kiwittredder

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 01 - 02 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 4     | 22    | 15    |       |       |       |       |        | 41    |
| 07 - 08 |                      |       |       | 3     | 28    | 154   | 5     |       |       |       |        | 190   |
| 08 - 09 |                      |       |       | 6     | 30    | 168   | 21    | 1     |       |       |        | 226   |
| 09 - 10 |                      |       |       | 9     | 41    | 230   | 36    |       |       |       |        | 316   |
| 10 - 11 |                      |       |       | 13    | 50    | 236   | 22    |       |       |       |        | 321   |
| 11 - 12 |                      |       |       | 9     | 61    | 140   | 27    |       |       |       |        | 237   |
| 12 - 13 |                      |       |       | 11    | 40    | 185   | 19    |       |       |       |        | 255   |
| 13 - 14 |                      |       |       | 12    | 47    | 201   | 42    | 2     |       |       |        | 304   |
| 14 - 15 |                      |       |       | 7     | 46    | 260   | 41    | 4     |       |       |        | 358   |
| 15 - 16 |                      |       |       | 15    | 55    | 132   | 15    |       |       |       |        | 217   |
| 16 - 17 |                      |       |       | 14    | 52    | 184   | 16    |       |       |       |        | 266   |
| 17 - 18 |                      |       |       | 11    | 45    | 216   | 20    |       |       |       |        | 292   |
| 18 - 19 |                      |       |       | 12    | 59    | 193   | 18    |       |       |       |        | 282   |
| 19 - 20 |                      |       |       | 5     | 33    | 155   | 29    |       |       |       |        | 222   |
| 20 - 21 |                      |       |       | 8     | 52    | 130   | 14    | 1     |       |       |        | 205   |
| 21 - 22 |                      |       |       | 3     | 28    | 212   | 19    | 1     |       |       |        | 263   |
| 22 - 23 |                      |       |       | 3     | 24    | 251   | 26    |       |       |       |        | 304   |
| 23 - 00 |                      |       |       |       | 1     | 40    | 1     |       |       |       |        | 42    |
| Tag     |                      |       |       | 142   | 689   | 2811  | 344   | 9     |       |       |        | 3995  |
| Nacht   |                      |       |       | 3     | 27    | 291   | 27    |       |       |       |        | 348   |
| Gesamt  |                      |       |       | 145   | 716   | 3102  | 371   | 9     |       |       |        | 4343  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

M 14 Lurup

Mai 2022



|         | Pegelklassen [dB(A)] |       |       |       |       |       |       |       |       |       | Gesamt |       |
|---------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|         | < 55                 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 |        | ≥ 100 |
| 00 - 01 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       | 2     | 47    | 28    |       |       |       |       |       |        | 77    |
| 07 - 08 |                      |       | 9     | 26    | 18    |       |       |       |       |       |        | 53    |
| 08 - 09 |                      |       | 12    | 21    | 11    |       |       |       |       |       |        | 44    |
| 09 - 10 |                      |       | 27    | 9     | 10    |       |       |       |       |       |        | 46    |
| 10 - 11 |                      |       | 26    | 34    | 29    | 2     |       |       |       |       |        | 91    |
| 11 - 12 |                      |       | 31    | 33    | 52    | 2     |       |       |       |       |        | 118   |
| 12 - 13 |                      |       | 25    | 25    | 21    | 1     |       |       |       |       |        | 72    |
| 13 - 14 |                      |       | 27    | 16    | 29    |       |       |       |       |       |        | 72    |
| 14 - 15 |                      |       | 41    | 35    | 20    | 1     |       |       |       |       |        | 97    |
| 15 - 16 |                      |       | 29    | 49    | 37    | 1     |       |       |       |       |        | 116   |
| 16 - 17 |                      |       | 30    | 17    | 25    |       |       |       |       |       |        | 72    |
| 17 - 18 |                      |       | 45    | 25    | 24    |       |       |       |       |       |        | 94    |
| 18 - 19 |                      |       | 50    | 29    | 23    |       |       |       |       |       |        | 102   |
| 19 - 20 |                      |       | 51    | 27    | 16    |       |       |       |       |       |        | 94    |
| 20 - 21 |                      |       | 31    | 17    | 3     |       |       |       |       |       |        | 51    |
| 21 - 22 |                      |       | 52    | 8     | 1     |       |       |       |       |       |        | 61    |
| 22 - 23 |                      |       | 70    | 13    | 7     |       |       |       |       |       |        | 90    |
| 23 - 00 |                      |       | 2     | 3     | 1     |       |       |       |       |       |        | 6     |
| Tag     |                      |       | 488   | 418   | 347   | 7     |       |       |       |       |        | 1260  |
| Nacht   |                      |       | 72    | 16    | 8     |       |       |       |       |       |        | 96    |
| Gesamt  |                      |       | 560   | 434   | 355   | 7     |       |       |       |       |        | 1356  |