

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 01 Hasloh, Alter Kirchweg

Jahr 2017



|         | 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 |                      |       | 6     | 9     | 1     | 1     | 1     |       |       |       |        | 18    |
| 01 - 02 |                      |       | 1     | 2     |       |       |       |       |       |       |        | 3     |
| 02 - 03 |                      |       | 3     |       | 1     |       |       |       |       |       |        | 4     |
| 03 - 04 |                      |       | 1     | 1     |       |       |       |       |       |       |        | 2     |
| 04 - 05 |                      |       | 1     | 1     |       |       |       |       |       |       |        | 2     |
| 05 - 06 |                      |       | 11    | 14    | 1     |       |       |       |       |       |        | 26    |
| 06 - 07 |                      |       | 536   | 2019  | 1657  | 157   | 1     |       |       |       |        | 4370  |
| 07 - 08 |                      |       | 525   | 2060  | 1732  | 95    | 1     |       |       |       |        | 4413  |
| 08 - 09 |                      |       | 575   | 1748  | 993   | 54    | 1     |       |       |       |        | 3371  |
| 09 - 10 |                      |       | 843   | 2226  | 817   | 86    | 8     |       |       |       |        | 3980  |
| 10 - 11 |                      |       | 773   | 2401  | 1767  | 130   | 2     |       |       |       |        | 5073  |
| 11 - 12 |                      |       | 622   | 1922  | 1485  | 122   |       |       |       |       |        | 4151  |
| 12 - 13 |                      |       | 471   | 1847  | 1227  | 152   | 1     |       |       |       |        | 3698  |
| 13 - 14 |                      |       | 507   | 1774  | 1220  | 72    | 4     | 3     |       |       |        | 3580  |
| 14 - 15 |                      |       | 507   | 1956  | 1110  | 62    |       |       |       |       |        | 3635  |
| 15 - 16 |                      |       | 603   | 2032  | 1268  | 80    |       | 1     |       |       |        | 3984  |
| 16 - 17 |                      |       | 648   | 1682  | 1092  | 85    | 4     |       |       |       |        | 3511  |
| 17 - 18 |                      |       | 685   | 1935  | 1073  | 57    |       |       |       |       |        | 3750  |
| 18 - 19 |                      |       | 631   | 2255  | 1859  | 93    | 1     |       |       |       |        | 4839  |
| 19 - 20 |                      |       | 927   | 2362  | 1587  | 106   | 3     |       |       |       |        | 4985  |
| 20 - 21 |                      |       | 693   | 1807  | 875   | 57    | 2     |       |       |       |        | 3434  |
| 21 - 22 |                      |       | 402   | 1681  | 836   | 41    |       |       |       |       |        | 2960  |
| 22 - 23 |                      |       | 355   | 1616  | 510   | 16    |       |       |       |       |        | 2497  |
| 23 - 00 |                      |       | 38    | 247   | 170   |       |       |       |       |       |        | 455   |
| Tag     |                      |       | 9948  | 31707 | 20598 | 1449  | 28    | 4     |       |       |        | 63734 |
| Nacht   |                      |       | 416   | 1890  | 683   | 17    | 1     |       |       |       |        | 3007  |
| Gesamt  |                      |       | 10364 | 33597 | 21281 | 1466  | 29    | 4     |       |       |        | 66741 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 02 Harkshörn, Grundschule

Jahr 2017



|         | 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 |                      |       | 364   | 248   | 9     |       |       |       |       |       |        | 621   |
| 07 - 08 |                      |       | 359   | 205   | 13    |       |       |       |       |       |        | 577   |
| 08 - 09 |                      |       | 258   | 187   | 11    |       |       |       |       |       |        | 456   |
| 09 - 10 |                      |       | 266   | 254   | 15    | 1     |       |       |       |       |        | 536   |
| 10 - 11 |                      |       | 318   | 325   | 13    | 2     | 1     |       | 1     |       |        | 660   |
| 11 - 12 |                      |       | 321   | 318   | 19    | 2     |       |       |       |       |        | 660   |
| 12 - 13 |                      |       | 244   | 341   | 31    | 4     | 1     |       |       |       |        | 621   |
| 13 - 14 |                      |       | 234   | 320   | 13    | 1     |       |       |       |       |        | 568   |
| 14 - 15 |                      |       | 255   | 316   | 23    | 1     |       |       |       |       |        | 595   |
| 15 - 16 |                      |       | 431   | 427   | 30    | 1     |       |       |       |       |        | 889   |
| 16 - 17 |                      |       | 268   | 273   | 24    | 4     |       |       |       |       |        | 569   |
| 17 - 18 |                      |       | 295   | 221   | 16    | 1     |       |       |       |       |        | 533   |
| 18 - 19 |                      |       | 273   | 208   | 12    |       |       |       |       |       |        | 493   |
| 19 - 20 |                      |       | 413   | 411   | 7     | 2     |       |       |       |       |        | 833   |
| 20 - 21 |                      |       | 289   | 268   | 13    |       |       |       |       |       |        | 570   |
| 21 - 22 |                      |       | 151   | 121   | 6     |       |       |       |       |       |        | 278   |
| 22 - 23 |                      |       | 56    | 51    | 5     |       |       |       |       |       |        | 112   |
| 23 - 00 |                      |       | 17    | 11    | 3     |       |       |       |       |       |        | 31    |
| Tag     |                      |       | 4739  | 4443  | 255   | 19    | 2     |       | 1     |       |        | 9459  |
| Nacht   |                      |       | 73    | 63    | 8     |       |       |       |       |       |        | 144   |
| Gesamt  |                      |       | 4812  | 4506  | 263   | 19    | 2     |       | 1     |       |        | 9603  |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

M 03 Quickborn, Goethe-Schule

Jahr 2017



|         | 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     | 2     | 7     | 3     |       |       |       |       |        | 13    |
| 01 - 02 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 02 - 03 |                      |       |       |       |       |       | 1     |       |       |       |        | 1     |
| 03 - 04 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       | 1     | 19    | 17    |       |       |       |       |        | 37    |
| 06 - 07 |                      |       | 826   | 1110  | 118   | 129   | 10    |       |       |       |        | 2193  |
| 07 - 08 |                      |       | 977   | 1005  | 254   | 250   | 4     |       |       |       |        | 2490  |
| 08 - 09 |                      |       | 460   | 576   | 544   | 495   | 8     |       |       |       |        | 2083  |
| 09 - 10 |                      |       | 340   | 524   | 814   | 694   | 9     |       |       |       |        | 2381  |
| 10 - 11 |                      |       | 701   | 1295  | 683   | 678   | 13    |       |       |       |        | 3370  |
| 11 - 12 |                      |       | 573   | 1151  | 507   | 495   | 13    |       |       |       |        | 2739  |
| 12 - 13 |                      |       | 522   | 950   | 546   | 506   | 17    | 1     |       |       |        | 2542  |
| 13 - 14 |                      |       | 474   | 795   | 458   | 571   | 12    |       |       |       |        | 2310  |
| 14 - 15 |                      |       | 509   | 755   | 531   | 513   | 6     | 1     |       |       |        | 2315  |
| 15 - 16 |                      |       | 563   | 964   | 433   | 301   | 5     |       |       |       |        | 2266  |
| 16 - 17 |                      |       | 476   | 872   | 394   | 368   | 2     |       |       |       |        | 2112  |
| 17 - 18 |                      |       | 476   | 684   | 451   | 487   | 4     |       |       |       |        | 2102  |
| 18 - 19 |                      |       | 912   | 1110  | 555   | 388   | 5     |       |       |       |        | 2970  |
| 19 - 20 |                      |       | 956   | 967   | 398   | 377   | 7     |       |       |       |        | 2705  |
| 20 - 21 |                      |       | 450   | 572   | 367   | 299   | 13    |       |       |       |        | 1701  |
| 21 - 22 |                      |       | 409   | 479   | 573   | 699   | 6     |       |       |       |        | 2166  |
| 22 - 23 |                      |       | 193   | 205   | 765   | 901   | 7     |       |       |       |        | 2071  |
| 23 - 00 |                      |       | 78    | 72    | 93    | 124   | 1     |       |       |       |        | 368   |
| Tag     |                      |       | 9624  | 13809 | 7626  | 7250  | 134   | 2     |       |       |        | 38445 |
| Nacht   |                      |       | 272   | 280   | 884   | 1045  | 9     |       |       |       |        | 2490  |
| Gesamt  |                      |       | 9896  | 14089 | 8510  | 8295  | 143   | 2     |       |       |        | 40935 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 04 Norderstedt, Altes Rathaus

Jahr 2017



|         | 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 |                      |       |       |       | 2     | 1     |       |       |       |       |        | 3     |
| 01 - 02 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 02 - 03 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 03 - 04 |                      |       |       | 1     |       |       |       |       |       |       |        | 1     |
| 04 - 05 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 1544  | 1386  | 44    | 2     | 2     |       |       |        | 2978  |
| 07 - 08 |                      |       |       | 1371  | 1220  | 29    | 10    | 4     |       | 1     |        | 2635  |
| 08 - 09 |                      |       |       | 729   | 819   | 26    | 2     | 3     | 1     |       |        | 1580  |
| 09 - 10 |                      |       |       | 584   | 851   | 74    | 3     |       |       |       |        | 1512  |
| 10 - 11 |                      |       |       | 1022  | 1553  | 48    | 6     | 2     |       |       |        | 2631  |
| 11 - 12 |                      |       |       | 823   | 1331  | 63    | 4     |       |       |       |        | 2221  |
| 12 - 13 |                      |       |       | 689   | 1215  | 59    | 2     | 1     |       |       |        | 1966  |
| 13 - 14 |                      |       |       | 675   | 1103  | 54    | 10    | 2     | 1     |       |        | 1845  |
| 14 - 15 |                      |       |       | 702   | 1082  | 32    | 4     | 3     |       |       |        | 1823  |
| 15 - 16 |                      |       |       | 919   | 1477  | 47    | 8     | 1     |       |       |        | 2452  |
| 16 - 17 |                      |       |       | 703   | 1059  | 29    | 1     | 2     |       |       |        | 1794  |
| 17 - 18 |                      |       |       | 868   | 847   | 25    |       | 2     |       |       |        | 1742  |
| 18 - 19 |                      |       |       | 1301  | 1440  | 35    | 3     | 1     |       |       |        | 2780  |
| 19 - 20 |                      |       |       | 1230  | 1354  | 48    | 1     | 2     | 1     | 1     |        | 2637  |
| 20 - 21 |                      |       |       | 838   | 882   | 29    | 3     | 1     |       |       |        | 1753  |
| 21 - 22 |                      |       |       | 484   | 574   | 27    | 3     |       |       |       |        | 1088  |
| 22 - 23 |                      |       |       | 214   | 213   | 8     |       |       |       |       |        | 435   |
| 23 - 00 |                      |       |       | 97    | 57    | 1     |       |       |       |       |        | 155   |
| Tag     |                      |       |       | 14482 | 18193 | 669   | 62    | 26    | 3     | 2     |        | 33437 |
| Nacht   |                      |       |       | 312   | 273   | 10    |       |       |       |       |        | 595   |
| Gesamt  |                      |       |       | 14794 | 18466 | 679   | 62    | 26    | 3     | 2     |        | 34032 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 05 Langenhorn, Kohrswort

Jahr 2017



|         | 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 |                      |       | 3     | 3     | 8     | 9     | 1     |       |       |       |        | 24    |
| 01 - 02 |                      |       |       |       | 3     |       |       |       |       |       |        | 3     |
| 02 - 03 |                      |       | 3     |       | 2     |       |       |       |       |       |        | 5     |
| 03 - 04 |                      |       |       | 4     | 2     | 1     |       |       |       |       |        | 7     |
| 04 - 05 |                      |       | 2     | 6     | 2     | 3     |       |       |       |       |        | 13    |
| 05 - 06 |                      |       |       |       | 2     | 1     | 1     |       |       |       |        | 4     |
| 06 - 07 |                      |       | 483   | 1050  | 302   | 292   | 126   | 45    | 4     |       |        | 2302  |
| 07 - 08 |                      |       | 448   | 934   | 253   | 881   | 235   | 64    | 4     |       |        | 2819  |
| 08 - 09 |                      |       | 324   | 592   | 474   | 1797  | 264   | 64    | 4     |       |        | 3519  |
| 09 - 10 |                      |       | 359   | 607   | 391   | 2683  | 429   | 35    | 5     |       |        | 4509  |
| 10 - 11 |                      |       | 516   | 806   | 393   | 2326  | 477   | 97    | 19    | 2     |        | 4636  |
| 11 - 12 |                      |       | 466   | 753   | 380   | 1625  | 320   | 47    | 8     | 5     |        | 3604  |
| 12 - 13 |                      |       | 377   | 685   | 358   | 1701  | 419   | 64    | 18    |       |        | 3622  |
| 13 - 14 |                      |       | 362   | 619   | 303   | 1870  | 553   | 78    | 6     | 2     |        | 3793  |
| 14 - 15 |                      |       | 371   | 665   | 365   | 2057  | 432   | 81    | 19    | 5     |        | 3995  |
| 15 - 16 |                      |       | 446   | 888   | 403   | 1610  | 270   | 82    | 11    | 3     |        | 3713  |
| 16 - 17 |                      |       | 351   | 670   | 348   | 1868  | 311   | 61    | 12    | 3     |        | 3624  |
| 17 - 18 |                      |       | 344   | 587   | 360   | 2711  | 405   | 50    | 5     | 1     |        | 4463  |
| 18 - 19 |                      |       | 506   | 877   | 603   | 2866  | 492   | 60    | 3     | 1     |        | 5408  |
| 19 - 20 |                      |       | 544   | 938   | 610   | 1797  | 615   | 58    | 3     |       |        | 4565  |
| 20 - 21 |                      |       | 383   | 584   | 296   | 1806  | 358   | 53    | 7     |       |        | 3487  |
| 21 - 22 |                      |       | 254   | 454   | 371   | 3311  | 363   | 39    | 16    | 1     |        | 4809  |
| 22 - 23 |                      |       | 156   | 274   | 243   | 2583  | 339   | 20    | 3     |       |        | 3618  |
| 23 - 00 |                      |       | 23    | 56    | 29    | 322   | 34    | 6     |       |       |        | 470   |
| Tag     |                      |       | 6534  | 11709 | 6210  | 31201 | 6069  | 978   | 144   | 23    |        | 62868 |
| Nacht   |                      |       | 187   | 343   | 291   | 2919  | 375   | 26    | 3     |       |        | 4144  |
| Gesamt  |                      |       | 6721  | 12052 | 6501  | 34120 | 6444  | 1004  | 147   | 23    |        | 67012 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 07 Fuhsbüttel, Kortenkamp

Jahr 2017



|         | 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 |                      |       |       |       | 2     | 6     | 2     | 7     |       |       |        | 17    |
| 01 - 02 |                      |       |       |       |       | 2     |       |       |       |       |        | 2     |
| 02 - 03 |                      |       |       |       |       | 1     | 1     |       |       |       |        | 2     |
| 03 - 04 |                      |       |       |       |       | 2     | 2     |       |       |       |        | 4     |
| 04 - 05 |                      |       |       |       | 1     | 3     | 4     |       |       |       |        | 8     |
| 05 - 06 |                      |       |       |       |       | 2     | 2     | 4     |       |       |        | 8     |
| 06 - 07 |                      |       |       | 1     | 14    | 80    | 209   | 156   | 5     | 2     |        | 467   |
| 07 - 08 |                      |       |       | 15    | 31    | 180   | 601   | 406   | 15    |       | 1      | 1249  |
| 08 - 09 |                      |       |       | 27    | 56    | 324   | 1243  | 901   | 5     | 2     |        | 2558  |
| 09 - 10 |                      |       |       | 35    | 59    | 199   | 1595  | 1557  | 4     | 1     |        | 3450  |
| 10 - 11 |                      |       |       | 25    | 64    | 307   | 1579  | 1351  | 20    | 1     |        | 3347  |
| 11 - 12 |                      |       |       | 22    | 40    | 295   | 1080  | 914   | 16    | 2     |        | 2369  |
| 12 - 13 |                      |       |       | 29    | 52    | 241   | 1096  | 1041  | 22    | 2     | 1      | 2484  |
| 13 - 14 |                      |       |       | 28    | 67    | 242   | 1170  | 1255  | 57    | 2     |        | 2821  |
| 14 - 15 |                      |       |       | 31    | 57    | 284   | 1322  | 1247  | 14    | 1     |        | 2956  |
| 15 - 16 |                      |       |       | 34    | 74    | 322   | 1200  | 743   | 9     | 1     |        | 2383  |
| 16 - 17 |                      |       |       | 30    | 96    | 296   | 1200  | 973   | 5     |       |        | 2600  |
| 17 - 18 |                      |       |       | 28    | 59    | 285   | 1627  | 1502  | 9     | 1     |        | 3511  |
| 18 - 19 |                      |       |       | 34    | 49    | 420   | 2047  | 1430  | 24    | 1     |        | 4005  |
| 19 - 20 |                      |       |       | 37    | 39    | 504   | 1154  | 1363  | 38    |       |        | 3135  |
| 20 - 21 |                      |       |       | 21    | 35    | 268   | 1142  | 1038  | 17    | 1     |        | 2522  |
| 21 - 22 |                      |       |       | 6     | 29    | 212   | 2201  | 1605  | 8     |       |        | 4061  |
| 22 - 23 |                      |       |       | 2     | 22    | 95    | 1411  | 1511  | 7     | 1     |        | 3049  |
| 23 - 00 |                      |       |       |       | 3     | 9     | 158   | 198   |       |       |        | 368   |
| Tag     |                      |       |       | 403   | 821   | 4459  | 20466 | 17482 | 268   | 17    | 2      | 43918 |
| Nacht   |                      |       |       | 2     | 28    | 120   | 1580  | 1720  | 7     | 1     |        | 3458  |
| Gesamt  |                      |       |       | 405   | 849   | 4579  | 22046 | 19202 | 275   | 18    | 2      | 47376 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 08 Niendorf, Empfängerstation

Jahr 2017



|         | 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 |                      |       |       |       | 6     | 2     | 1     |       |       |       |        | 9     |
| 01 - 02 |                      |       |       | 1     | 2     | 1     |       |       |       |       |        | 4     |
| 02 - 03 |                      |       |       | 1     | 3     |       |       |       |       |       |        | 4     |
| 03 - 04 |                      |       |       | 1     | 2     |       |       |       |       |       |        | 3     |
| 04 - 05 |                      |       |       |       | 1     |       |       |       |       |       |        | 1     |
| 05 - 06 |                      |       |       |       | 4     |       |       |       |       |       |        | 4     |
| 06 - 07 |                      |       |       | 452   | 1630  | 481   | 15    |       |       |       |        | 2578  |
| 07 - 08 |                      |       |       | 512   | 1682  | 423   | 29    |       |       |       |        | 2646  |
| 08 - 09 |                      |       |       | 330   | 913   | 265   | 8     | 1     |       |       |        | 1517  |
| 09 - 10 |                      |       |       | 335   | 938   | 278   | 23    | 2     |       |       |        | 1576  |
| 10 - 11 |                      |       |       | 483   | 1397  | 390   | 22    | 3     |       |       |        | 2295  |
| 11 - 12 |                      |       |       | 429   | 1184  | 331   | 25    | 1     |       |       |        | 1970  |
| 12 - 13 |                      |       |       | 375   | 1033  | 335   | 32    | 3     |       |       |        | 1778  |
| 13 - 14 |                      |       |       | 353   | 1030  | 234   | 21    | 2     |       |       |        | 1640  |
| 14 - 15 |                      |       |       | 350   | 1104  | 243   | 37    | 1     |       |       |        | 1735  |
| 15 - 16 |                      |       |       | 421   | 1146  | 383   | 29    |       | 1     |       |        | 1980  |
| 16 - 17 |                      |       |       | 336   | 972   | 253   | 24    |       |       |       |        | 1585  |
| 17 - 18 |                      |       |       | 353   | 908   | 186   | 17    |       |       |       |        | 1464  |
| 18 - 19 |                      |       |       | 456   | 1293  | 286   | 12    |       |       |       |        | 2047  |
| 19 - 20 |                      |       |       | 538   | 1208  | 258   | 11    | 2     |       |       |        | 2017  |
| 20 - 21 |                      |       |       | 313   | 887   | 251   | 11    | 1     |       |       |        | 1463  |
| 21 - 22 |                      |       |       | 233   | 547   | 200   | 22    |       |       |       |        | 1002  |
| 22 - 23 | 15                   | 2     | 2     | 117   | 298   | 66    | 8     |       |       |       |        | 508   |
| 23 - 00 | 1                    |       | 4     | 24    | 66    | 25    | 2     |       |       |       |        | 122   |
| Tag     |                      |       |       | 6269  | 17872 | 4797  | 338   | 16    | 1     |       |        | 29293 |
| Nacht   | 16                   | 2     | 6     | 144   | 382   | 94    | 11    |       |       |       |        | 655   |
| Gesamt  | 16                   | 2     | 6     | 6413  | 18254 | 4891  | 349   | 16    | 1     |       |        | 29948 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 09 Quickborn, Droysenkehre

Jahr 2017



|         | 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 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 05 - 06 |                      |       |       |       |       |       |       |       |       |       |        |       |
| 06 - 07 |                      |       |       | 984   | 247   | 3     |       | 1     |       |       |        | 1235  |
| 07 - 08 |                      |       |       | 753   | 272   | 16    | 4     |       |       |       |        | 1045  |
| 08 - 09 |                      |       |       | 522   | 171   | 8     |       |       |       |       |        | 701   |
| 09 - 10 |                      |       |       | 754   | 233   | 23    | 1     |       |       |       |        | 1011  |
| 10 - 11 |                      |       |       | 856   | 287   | 10    |       |       |       |       |        | 1153  |
| 11 - 12 |                      |       |       | 738   | 292   | 17    | 1     |       |       |       |        | 1048  |
| 12 - 13 |                      |       |       | 637   | 333   | 18    |       |       |       |       |        | 988   |
| 13 - 14 |                      |       |       | 707   | 278   | 22    | 3     |       |       |       |        | 1010  |
| 14 - 15 |                      |       |       | 722   | 328   | 14    | 4     |       |       |       |        | 1068  |
| 15 - 16 |                      |       |       | 886   | 539   | 22    | 2     | 1     |       |       |        | 1450  |
| 16 - 17 |                      |       |       | 615   | 362   | 31    |       |       |       |       |        | 1008  |
| 17 - 18 |                      |       |       | 751   | 232   | 7     |       | 1     |       |       |        | 991   |
| 18 - 19 |                      |       |       | 742   | 334   | 12    | 1     | 2     |       |       |        | 1091  |
| 19 - 20 |                      |       |       | 1088  | 344   | 24    | 1     | 2     |       |       |        | 1459  |
| 20 - 21 |                      |       |       | 769   | 239   | 21    | 1     | 1     |       |       |        | 1031  |
| 21 - 22 |                      |       |       | 229   | 268   | 23    | 1     | 1     |       |       |        | 522   |
| 22 - 23 |                      |       |       | 102   | 107   | 8     |       |       |       |       |        | 217   |
| 23 - 00 |                      |       |       | 29    | 25    |       |       |       |       |       |        | 54    |
| Tag     |                      |       |       | 11753 | 4759  | 271   | 19    | 9     |       |       |        | 16811 |
| Nacht   |                      |       |       | 132   | 133   | 8     |       |       |       |       |        | 273   |
| Gesamt  |                      |       |       | 11885 | 4892  | 279   | 19    | 9     |       |       |        | 17084 |



# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 10 Stellingen, Wasserwerk

Jahr 2017



|         | 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 |                      |       |       |       | 4     | 2     | 7     | 4     |       |       |        | 17    |
| 01 - 02 |                      |       |       |       |       | 1     |       |       | 2     |       |        | 3     |
| 02 - 03 |                      |       |       |       | 3     | 3     |       |       |       |       |        | 6     |
| 03 - 04 |                      |       |       |       | 1     | 4     |       |       |       |       |        | 5     |
| 04 - 05 |                      |       |       |       | 1     | 1     | 2     |       |       |       |        | 4     |
| 05 - 06 |                      |       |       | 1     | 2     | 3     | 1     | 2     |       |       |        | 9     |
| 06 - 07 |                      |       |       | 16    | 331   | 1188  | 258   | 28    |       |       |        | 1821  |
| 07 - 08 |                      |       |       | 46    | 329   | 1385  | 384   | 46    | 1     |       |        | 2191  |
| 08 - 09 |                      |       |       | 20    | 162   | 839   | 437   | 118   |       |       |        | 1576  |
| 09 - 10 |                      |       |       | 80    | 251   | 737   | 733   | 115   | 1     | 1     |        | 1918  |
| 10 - 11 |                      |       |       | 52    | 348   | 1291  | 664   | 102   | 4     |       |        | 2461  |
| 11 - 12 |                      |       |       | 55    | 277   | 1161  | 578   | 66    |       | 1     |        | 2138  |
| 12 - 13 |                      |       |       | 41    | 236   | 917   | 625   | 119   | 1     | 1     |        | 1940  |
| 13 - 14 |                      |       |       | 55    | 300   | 900   | 514   | 150   | 5     | 2     |        | 1926  |
| 14 - 15 |                      |       |       | 43    | 230   | 856   | 502   | 109   | 1     | 2     |        | 1743  |
| 15 - 16 |                      |       |       | 39    | 279   | 895   | 511   | 65    | 3     |       |        | 1792  |
| 16 - 17 |                      |       |       | 38    | 236   | 664   | 541   | 74    |       |       |        | 1553  |
| 17 - 18 |                      |       |       | 51    | 195   | 665   | 626   | 114   |       |       |        | 1651  |
| 18 - 19 |                      |       |       | 26    | 247   | 951   | 698   | 124   |       | 1     |        | 2047  |
| 19 - 20 |                      |       |       | 50    | 331   | 871   | 510   | 183   | 1     |       |        | 1946  |
| 20 - 21 |                      |       |       | 66    | 220   | 640   | 559   | 110   |       |       |        | 1595  |
| 21 - 22 |                      |       |       | 19    | 136   | 387   | 973   | 151   |       |       |        | 1666  |
| 22 - 23 |                      |       |       | 42    | 94    | 238   | 548   | 116   |       |       |        | 1038  |
| 23 - 00 |                      |       |       | 1     | 9     | 50    | 84    | 28    |       |       |        | 172   |
| Tag     |                      |       |       | 697   | 4108  | 14347 | 9113  | 1674  | 17    | 8     |        | 29964 |
| Nacht   |                      |       |       | 44    | 114   | 302   | 642   | 150   | 2     |       |        | 1254  |
| Gesamt  |                      |       |       | 741   | 4222  | 14649 | 9755  | 1824  | 19    | 8     |        | 31218 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 11 Norderstedt, Reitstall Ohlenhoff

Jahr 2017



|         | 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 |                      |       |       | 5     | 14    | 2     | 1     | 1     |       |       |        | 23    |
| 01 - 02 |                      |       |       | 1     | 1     |       | 1     |       |       |       |        | 3     |
| 02 - 03 |                      |       |       |       | 2     |       |       |       |       |       |        | 2     |
| 03 - 04 |                      |       | 1     | 1     | 1     |       |       |       |       |       |        | 3     |
| 04 - 05 |                      |       | 1     | 3     |       |       |       |       |       |       |        | 4     |
| 05 - 06 |                      |       |       | 3     | 5     | 1     |       |       |       |       |        | 9     |
| 06 - 07 |                      |       | 10    | 86    | 895   | 3054  | 356   | 14    |       |       |        | 4415  |
| 07 - 08 |                      |       | 29    | 222   | 996   | 2829  | 218   | 10    |       |       |        | 4304  |
| 08 - 09 |                      |       | 86    | 385   | 1007  | 1662  | 113   | 7     |       |       |        | 3260  |
| 09 - 10 |                      |       | 95    | 577   | 1592  | 1507  | 229   | 22    |       |       |        | 4022  |
| 10 - 11 |                      |       | 63    | 444   | 1543  | 2715  | 279   | 8     |       |       |        | 5052  |
| 11 - 12 |                      |       | 63    | 416   | 1131  | 2222  | 310   | 4     |       |       |        | 4146  |
| 12 - 13 |                      |       | 47    | 278   | 1098  | 1871  | 350   | 8     |       |       |        | 3652  |
| 13 - 14 |                      |       | 53    | 348   | 1131  | 1843  | 224   | 16    | 2     |       |        | 3617  |
| 14 - 15 |                      |       | 60    | 335   | 1163  | 1776  | 270   | 11    |       |       |        | 3615  |
| 15 - 16 |                      |       | 70    | 325   | 949   | 2216  | 420   | 8     |       |       |        | 3988  |
| 16 - 17 |                      |       | 75    | 355   | 1054  | 1676  | 303   | 4     |       |       |        | 3467  |
| 17 - 18 |                      |       | 73    | 367   | 1133  | 1952  | 117   | 2     |       | 1     |        | 3645  |
| 18 - 19 |                      |       | 43    | 387   | 1210  | 2895  | 233   | 2     |       |       |        | 4770  |
| 19 - 20 |                      |       | 148   | 635   | 1306  | 2758  | 297   | 5     |       |       |        | 5149  |
| 20 - 21 |                      |       | 123   | 543   | 937   | 1842  | 164   | 7     |       |       |        | 3616  |
| 21 - 22 |                      |       | 35    | 370   | 1315  | 964   | 269   | 11    |       |       |        | 2964  |
| 22 - 23 |                      |       | 37    | 406   | 1499  | 509   | 68    | 2     |       |       |        | 2521  |
| 23 - 00 |                      |       | 4     | 40    | 229   | 178   | 21    |       |       |       |        | 472   |
| Tag     |                      |       | 1073  | 6073  | 18460 | 33782 | 4152  | 139   | 2     | 1     |        | 63682 |
| Nacht   |                      |       | 43    | 459   | 1751  | 690   | 91    | 3     |       |       |        | 3037  |
| Gesamt  |                      |       | 1116  | 6532  | 20211 | 34472 | 4243  | 142   | 2     | 1     |        | 66719 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 12 Groß Borstel, Seniorenwohnheim

Jahr 2017



|         | 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 |                      |       |       | 5     | 5     | 2     |       |       |       |       |        | 12    |
| 01 - 02 |                      |       |       | 5     | 2     | 1     |       |       |       |       |        | 8     |
| 02 - 03 |                      |       |       | 1     | 3     | 1     |       |       |       |       |        | 5     |
| 03 - 04 |                      |       |       | 1     | 1     |       |       |       |       |       |        | 2     |
| 04 - 05 |                      |       |       |       | 1     | 1     |       |       |       |       |        | 2     |
| 05 - 06 |                      |       |       | 5     | 2     | 2     |       |       |       |       |        | 9     |
| 06 - 07 |                      |       |       | 75    | 291   | 1276  | 169   |       |       |       |        | 1811  |
| 07 - 08 |                      |       |       | 193   | 348   | 1403  | 165   | 1     |       |       |        | 2110  |
| 08 - 09 |                      |       |       | 245   | 226   | 756   | 87    | 2     |       |       |        | 1316  |
| 09 - 10 |                      |       |       | 406   | 375   | 692   | 149   | 3     | 1     |       |        | 1626  |
| 10 - 11 |                      |       |       | 333   | 437   | 1235  | 147   |       |       |       |        | 2152  |
| 11 - 12 |                      |       |       | 324   | 392   | 1105  | 166   | 1     |       |       |        | 1988  |
| 12 - 13 |                      |       |       | 254   | 353   | 881   | 191   | 3     |       |       |        | 1682  |
| 13 - 14 |                      |       |       | 350   | 372   | 899   | 98    | 2     |       |       |        | 1721  |
| 14 - 15 |                      |       |       | 272   | 273   | 873   | 104   | 6     |       |       |        | 1528  |
| 15 - 16 |                      |       |       | 237   | 309   | 958   | 163   | 2     |       |       |        | 1669  |
| 16 - 17 |                      |       |       | 258   | 283   | 673   | 94    | 1     |       |       |        | 1309  |
| 17 - 18 |                      |       |       | 297   | 274   | 653   | 53    | 3     |       |       |        | 1280  |
| 18 - 19 |                      |       |       | 278   | 302   | 844   | 103   | 4     |       |       |        | 1531  |
| 19 - 20 |                      |       |       | 349   | 480   | 815   | 49    | 2     |       |       |        | 1695  |
| 20 - 21 |                      |       |       | 286   | 306   | 611   | 63    | 3     |       |       |        | 1269  |
| 21 - 22 |                      |       |       | 302   | 194   | 375   | 54    | 2     |       |       |        | 927   |
| 22 - 23 |                      |       |       | 236   | 159   | 208   | 21    |       |       |       |        | 624   |
| 23 - 00 |                      |       |       | 37    | 29    | 37    | 5     |       |       |       |        | 108   |
| Tag     |                      |       |       | 4459  | 5215  | 14049 | 1855  | 35    | 1     |       |        | 25614 |
| Nacht   |                      |       |       | 290   | 202   | 252   | 26    |       |       |       |        | 770   |
| Gesamt  |                      |       |       | 4749  | 5417  | 14301 | 1881  | 35    | 1     |       |        | 26384 |

# Häufigkeitsverteilung der Maximalpegel - Korrelierte Lärmereignisse

## M 13 Poppenbüttel, Alfred-Jahnke-Ring

Jahr 2017



|         | 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 |                      |       |       | 8     | 7     | 3     |       |       |       |       |        | 18    |
| 01 - 02 |                      |       |       | 3     |       |       |       |       |       |       |        | 3     |
| 02 - 03 |                      |       |       | 2     |       |       |       |       |       |       |        | 2     |
| 03 - 04 |                      |       |       | 3     | 1     |       |       |       |       |       |        | 4     |
| 04 - 05 |                      |       |       | 6     | 1     | 1     |       |       |       |       |        | 8     |
| 05 - 06 |                      |       |       | 1     | 12    | 6     |       |       |       |       |        | 19    |
| 06 - 07 |                      |       |       | 48    | 307   | 112   | 6     |       |       |       |        | 473   |
| 07 - 08 |                      |       |       | 114   | 867   | 306   | 2     | 1     |       |       |        | 1290  |
| 08 - 09 |                      |       |       | 382   | 1667  | 564   | 8     |       |       |       |        | 2621  |
| 09 - 10 |                      |       |       | 346   | 2241  | 935   | 11    | 1     |       | 1     |        | 3535  |
| 10 - 11 |                      |       |       | 365   | 2215  | 810   | 20    | 1     |       |       |        | 3411  |
| 11 - 12 |                      |       |       | 331   | 1465  | 600   | 12    | 1     |       |       |        | 2409  |
| 12 - 13 |                      |       |       | 281   | 1606  | 671   | 12    | 2     |       |       |        | 2572  |
| 13 - 14 |                      |       |       | 278   | 1682  | 840   | 24    | 1     |       |       |        | 2825  |
| 14 - 15 |                      |       |       | 317   | 1869  | 737   | 13    |       |       |       |        | 2936  |
| 15 - 16 |                      |       |       | 338   | 1508  | 483   | 6     |       | 1     |       |        | 2336  |
| 16 - 17 |                      |       |       | 289   | 1712  | 583   | 3     | 2     |       |       |        | 2589  |
| 17 - 18 |                      |       |       | 316   | 2397  | 825   | 7     |       |       |       |        | 3545  |
| 18 - 19 |                      |       |       | 568   | 2649  | 869   | 24    | 2     |       |       |        | 4112  |
| 19 - 20 |                      |       |       | 534   | 1708  | 875   | 23    | 1     |       |       |        | 3141  |
| 20 - 21 |                      |       |       | 232   | 1593  | 661   | 3     | 1     |       |       |        | 2490  |
| 21 - 22 |                      |       |       | 340   | 2854  | 979   | 5     |       |       |       |        | 4178  |
| 22 - 23 |                      |       |       | 182   | 1931  | 978   | 6     |       |       |       |        | 3097  |
| 23 - 00 |                      |       |       | 17    | 241   | 102   |       |       |       |       |        | 360   |
| Tag     |                      |       |       | 5079  | 28340 | 10850 | 179   | 13    | 1     | 1     |        | 44463 |
| Nacht   |                      |       |       | 222   | 2193  | 1090  | 6     |       |       |       |        | 3511  |
| Gesamt  |                      |       |       | 5301  | 30533 | 11940 | 185   | 13    | 1     | 1     |        | 47974 |