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**M 01 Merheim**

**Juni 2021**

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N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
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#### M 01 Merheim
#### Juni 2021

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N1: Anzahl der gemessenen Flugbewegungen  
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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
|                | Relevante Flugereignisse (N2) | Anzahl korr. Lärmereignisse (N1) | N1/N2 [%] | Verfügbarkeit [%] | Ausfall |
|----------------|--------------------------------|
|                | A     | D     | A     | D     | A     | D     |       |
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| 02.06.2021     | 52    | 0     | 48    | 0     | 92,3  | 100  |
| 03.06.2021     | 52    | 0     | 52    | 0     | 100,0 | 100  |
| 04.06.2021     | 45    | 0     | 45    | 0     | 100,0 | 100  |
| 05.06.2021     | 0     | 9     | 0     | 2     | 22,2  | 100  |
| 06.06.2021     | 0     | 32    | 0     | 30    | 93,8  | 99   |
| 07.06.2021     | 0     | 46    | 1     | 42    | 91,3  | 100  |
| 08.06.2021     | 0     | 42    | 0     | 44    | 100,0 | 100  |
| 09.06.2021     | 0     | 43    | 0     | 40    | 93,0  | 100  |
| 10.06.2021     | 1     | 46    | 0     | 42    | 0,0   | 91,3  |
| 11.06.2021     | 0     | 14    | 0     | 13    | 92,9  | 100  |
| 12.06.2021     | 1     | 6     | 0     | 3     | 0,0   | 50,0  |
| 13.06.2021     | 13    | 0     | 13    | 0     | 100,0 | 100  |
| 14.06.2021     | 1     | 41    | 0     | 42    | 0,0   | 100,0 |
| 15.06.2021     | 0     | 46    | 0     | 49    | 100,0 | 100  |
| 16.06.2021     | 73    | 0     | 70    | 0     | 95,9  | 100  |
| 17.06.2021     | 3     | 28    | 3     | 29    | 100,0 | 100  |
| 18.06.2021     | 42    | 0     | 41    | 0     | 97,6  | 100  |
| 19.06.2021     | 18    | 0     | 18    | 0     | 100,0 | 100  |
| 20.06.2021     | 20    | 0     | 20    | 0     | 100,0 | 100  |
| 21.06.2021     | 0     | 44    | 0     | 43    | 97,7  | 100  |
| 22.06.2021     | 0     | 43    | 0     | 51    | 100,0 | 100  |
| 23.06.2021     | 1     | 45    | 0     | 51    | 0,0   | 100,0 |
| 24.06.2021     | 0     | 43    | 1     | 48    | 100,0 | 100  |
| 25.06.2021     | 0     | 14    | 0     | 23    | 100,0 | 100  |
| 26.06.2021     | 23    | 0     | 23    | 0     | 100,0 | 100  |
| 27.06.2021     | 28    | 1     | 29    | 1     | 100,0 | 100  |
| 28.06.2021     | 13    | 9     | 13    | 8     | 100,0 | 88,9 |
| 29.06.2021     | 14    | 51    | 13    | 51    | 92,9  | 100  |
| 30.06.2021     | 1     | 43    | 0     | 46    | 0,0   | 100,0 |
| Gesamt         | 456   | 646   | 446   | 658   | 97,8  | 100  |

N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
### Häufigkeitsverteilung der Maximalpegel

**M 02 Köln Rath**

**Juni 2021**

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* Verfügbarkeit < 50%
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#### Juni 2021

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**N2:** Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
**A** = Approach (Anflug)  
**D** = Departure (Abflug)  
**T** = technische Störung  
**W** = Wetterstörung  
**S** = Störgeräusch
## Messstellenstatistik - Nacht (22:00 - 06:00)
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#### Juni 2021

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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
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### Messstellenstatistik - Tag (06:00 - 22:00)

**M 04 Kleineichen**

**Juni 2021**

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N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
# Messstellenstatistik - Nacht (22:00 - 06:00)

**M 04 Kleineichen**

**Juni 2021**

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**Gesamt**  0  1104  1  180  16,3  86

N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
### Häufigkeitsverteilung der Maximalpegel

**M 04 Kleineichen**

**Juni 2021**

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| 55-59,9             | 17         | 3          | 1          | 1          | 1          | 3          | 8          | 5          | 10         | 4          | 6          | 7          | 1          | 1          | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 60-69,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 70-74,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 75-79,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 80-84,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 85-89,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 90-94,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 95-99,9             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| ≥ 100               |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
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| Gesamt | 107       | 107        |            | 8          | 3          | 1          | 8          | 3          | 3          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 265        |</p>
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Messstellenstatistik - Tag (06:00 - 22:00)
M 05 Rambrücken
Juni 2021

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| Gesamt         | 459  | 98   | 463  | 85   | 100,0 | 86,7 | 100 |

N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
## Messstellenstatistik - Nacht (22:00 - 06:00)
### M 05 Rambrücken
#### Juni 2021

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| Gesamt         | 104   | 123   | 100   | 108   | 96,2  | 87,8  | 100 |

N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
## Häufigkeitsverteilung der Maximalpegel
### M 05 Rambrücken
#### Juni 2021

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#### M 06 Lohmar
#### Juni 2021

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* Verfügbarkeit < 50%
# Messstellenstatistik - Tag (06:00 - 22:00)

## M 06 Lohmar

### Juni 2021

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D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
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**M 06 Lohmar**  
**Juni 2021**

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| Gesamt         | 1107 | 601 | 955 | 481 | 86,3 | 80,0 | 100 |

N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
### Häufigkeitsverteilung der Maximalpegel

#### M 06 Lohmar

#### Juni 2021

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|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
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| Nacht     | 27        | 21        | 15        | 40        | 15        | 12        | 1         | 63        | 56        | 67        | 30        | 9         | 47        | 18        | 48        | 20        | 53        | 32        | 17        | 63        | 71        | 16        | 66        | 61        | 28        | 61        | 28        | 5         | 3         |
| Gesamt    | 565       | 732       | 1297      | 1952      | 952       | 1456      | 185       | 185       | 185       | 1161      | 1436      | 2597      | 185       | 185       |

#### Nachtzahlen

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**M 07 Hennef**

**Juni 2021**

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N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
**Messstellenstatistik - Nacht (22:00 - 06:00)**
**M 07 Hennef**
**Juni 2021**

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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
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Messstellenstatistik - Tag (06:00 - 22:00)
M 08 Stallberg
Juni 2021

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S = Störgeräusch
Messstellenstatistik - Nacht (22:00 - 06:00)
M 08 Stallberg
Juni 2021

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N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
## Häufigkeitsverteilung der Maximalpegel

**M 08 Stallberg**

**Juni 2021**

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#### Juni 2021

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**N1:** Anzahl der gemessenen Flugbewegungen  
**N2:** Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
**A =** Approach (Anflug)  
**D =** Departure (Abflug)  
**T =** technische Störung  
**W =** Wetterstörung  
**S =** Störgeräusch
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**M 09 Troisdorf**
**Juni 2021**

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**N1**: Anzahl der gemessenen Flugbewegungen  
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S = Störgeräusch
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**M 09 Troisdorf**  
**Juni 2021**

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* Verfügbarkeit < 50%
### Messstellenstatistik - Tag (06:00 - 22:00)

#### M 10 Porz Wahn

**Juni 2021**

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**N1:** Anzahl der gemessenen Flugbewegungen  
**N2:** Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  

A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
### Messstellenstatistik - Nacht (22:00 - 06:00)
**M 10 Porz Wahn**  
**Juni 2021**

|                | Relevante Flugereignisse (N2) | Anzahl korr. Lärmereignisse (N1) | N1/N2 [%] | Verfügbarkeit |
|----------------|-------------------------------|-----------------------------------|-----------|---------------|---------------|
|                | A    | D    | A    | D    |               |               |            |               |
| 01.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 02.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 03.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 04.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 05.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 06.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 07.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 08.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 09.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 10.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 11.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 12.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 13.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 14.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
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| 27.06.2021     | 0    | 0    | 0    | 0    | 100           |               |            |               |
| 28.06.2021     | 0    | 0    | 0    | 0    | 25            | T             |            |               |
| 29.06.2021     | 0    | 0    | 0    | 0    | 0             | T             |            |               |
| 30.06.2021     | 0    | 0    | 0    | 0    | 0             | T             |            |               |
| **Gesamt**     | 0    | 0    | 0    | 0    |               |               |            | **91**        |

N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
## Häufigkeitsverteilung der Maximalpegel

### M 10 Porz Wahn

#### Juni 2021

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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
### Messstellenstatistik - Nacht (22:00 - 06:00)

**M 11 Porz-Grengel**

**Juni 2021**

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N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
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W = Wetterstörung  
S = Störgeräusch
Häufigkeitsverteilung der Maximalpegel

M 11 Porz-Grengel

Juni 2021

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* Verfügbarkeit < 50%
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**M 12 Porz Gremberghoven**

**Juni 2021**

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| Gesamt      | 159 | 273 | 1 | 197 | 0,6 | 72,2 | 100 |

N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
### Messstellenstatistik - Nacht (22:00 - 06:00)
#### M 12 Porz Gremberghoven
#### Juni 2021

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| Gesamt         | 0     | 311   | 1     | 285   | 91,6 | 100   |

N1: Anzahl der gemessenen Flugbewegungen  
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
A = Approach (Anflug)  
D = Departure (Abflug)  
T = technische Störung  
W = Wetterstörung  
S = Störgeräusch
### Häufigkeitsverteilung der Maximalpegel

**M 12  Porz Gremberghoven**

**Juni 2021**

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|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| < 55                   | 1         | 2         | 1         | 1         | 4         | 2         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| 55-59,9                |           |           |           |           |           | 18        | 5         | 1         |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 60-64,9                |           |           |           |           |           | 1         | 19        | 6         | 1         |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 65-69,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 70-74,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 75-79,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 80-84,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 85-89,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 90-94,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 95-99,9                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ≥ 100                  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
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N1: Anzahl der gemessenen Flugbewegungen
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S = Störgeräusch
### Häufigkeitsverteilung der Maximalpegel

**M 13 Forsbach**

**Juni 2021**

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N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
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S = Störgeräusch
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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
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S = Störgeräusch
Häufigkeitsverteilung der Maximalpegel
M 14 Neunkirchen S-Remschoß
Juni 2021

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#### Juni 2021

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N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums  
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D = Departure (Abflug)  
T = technische Störung  
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S = Störgeräusch
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**M 17 Hennef-Happerschoß**
**Juni 2021**

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#### M 17 Hennef-Happerschoß
#### Juni 2021

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N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
D = Departure (Abflug)
T = technische Störung
W = Wetterstörung
S = Störgeräusch
Häufigkeitsverteilung der Maximalpegel
M 17 Hennef-Happerschoß
Juni 2021

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Kölner Bonn Airport
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Juni 2021

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N1: Anzahl der gemessenen Flugbewegungen
N2: Anzahl der relevanten Flugbewegungen während des Betriebszeitraums
A = Approach (Anflug)
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Messstellenstatistik - Nacht (22:00 - 06:00)
M 18 Overath Immekeppel
Juni 2021

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Häufigkeitsverteilung der Maximalpegel
M 18 Overath Immekeppel
Juni 2021

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