



Hamburger Luftmessnetz

Monatsdaten September 2014

Hamburger Luftmessnetz

Monat: September 2014

Zeitraum: 01.09.2014 bis 30.09.2014

Monatsmittelwerte September 2014

| Hintergrund- und Ozonstationen | SO ₂ | NO | NO ₂ | O ₃ | CO | Benzol | Toluol | PM10 | PM2,5 |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 13ST Sternschanze | 4 | 7 | 27 | 43 | | | | 27 | 15 |
| 20VE Veddel | 4 | 19 | 40 | | | | | 29 | 15 |
| 21BI Billbrook | 3 | 7 | 24 | | | | | 22 | |
| 24FL Flughafen | | 6 | 20 | 48 | 0,18 | 0,4 | 1,4 | 23 | |
| 27TA Tatenberg | | 3 | 16 | 44 | | | | | |
| 51BF Bramfeld | | 3 | 13 | 47 | | | | | |
| 52NG Neugraben | | 4 | 16 | 45 | | | | | |
| 54BL Blankenese | | 4 | 17 | 48 | | | | | |
| 61WB Wilhelmsburg | 4 | 6 | 27 | | | | | 24 | 14 |
| 72FI Finkenwerder West | | 8 | 23 | | | | | 22 | |
| 73FW Finkenwerder Airbus | | 7 | 23 | | | | | | |
| 74BT Billstedt | | 10 | 30 | | | | | 22 | |
| 80KT Altona Elbhang | 4 | 8 | 29 | | | | | 24 | |

| Verkehrsstationen | NO | NO ₂ | CO | Benzol | Toluol | PM10 | PM2,5 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 17SM Stresemannstraße | 51 | 63 | | | | * | |
| 64KS Kieler Straße | 47 | 47 | | | | | 17 |
| 68HB Habichtstraße | 67 | 59 | 0,48 | 1,2 | 5,6 | 32 | |
| 70MB Max-Brauer-Allee | 88 | 66 | 0,56 | 1,7 | 6,7 | 26 | |

Hamburger Luftmessnetz

Monat: September 2014

maximale Tagesmittelwerte September 2014

| Hintergrund- und Ozonstationen | SO ₂ | NO | NO ₂ | O ₃ | CO | Benzol | Toluol | PM10 | PM2,5 |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 13ST Sternschanze | 13 | 44 | 58 | 73 | | | | 46 | 34 |
| 20VE Veddel | 9 | 58 | 57 | | | | | 48 | 36 |
| 21BI Billbrook | 8 | 35 | 40 | | | | | 40 | |
| 24FL Flughafen | | 32 | 45 | 73 | 0,40 | 1,0 | 4,0 | 43 | |
| 27TA Tatenberg | | 5 | 28 | 68 | | | | | |
| 51BF Bramfeld | | 14 | 33 | 69 | | | | | |
| 52NG Neugraben | | 27 | 33 | 73 | | | | | |
| 54BL Blankenese | | 18 | 45 | 76 | | | | | |
| 61WB Wilhelmsburg | 10 | 31 | 44 | | | | | 45 | 36 |
| 72FI Finkenwerder West | | 74 | 51 | | | | | * | |
| 73FW Finkenwerder Airbus | | 73 | 56 | | | | | | |
| 74BT Billstedt | | 32 | 53 | | | | | 44 | |
| 80KT Altona Elbhang | 16 | 42 | 59 | | | | | 44 | |

| Verkehrsstationen | NO | NO ₂ | CO | Benzol | Toluol | PM10 | PM2,5 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 17SM Stresemannstraße | 147 | 92 | | | | * | |
| 64KS Kieler Straße | 170 | 77 | | | | | 40 |
| 68HB Habichtstraße | 157 | 93 | 0,83 | * | 11,9 | 62 | |
| 70MB Max-Brauer-Allee | 168 | 89 | 0,88 | 2,7 | 12,1 | 46 | |

Hamburger Luftmessnetz

Monat: September 2014

maximale 8-Stunden-Mittelwerte September 2014

| Hintergrund- und Ozonstationen | O ₃ | CO |
|--------------------------------|----------------------|----------------------|
| | [µg/m ³] | [mg/m ³] |
| 13ST Sternschanze | 86 | |
| 24FL Flughafen | 103 | 0,80 |
| 27TA Tatenberg | 97 | |
| 51BF Bramfeld | 98 | |
| 52NG Neugraben | 95 | |
| 54BL Blankenese | 95 | |

| Verkehrsstationen | CO |
|-----------------------|----------------------|
| | [mg/m ³] |
| 68HB Habichtstraße | 1,08 |
| 70MB Max-Brauer-Allee | 1,21 |

Hamburger Luftmessnetz

Monat: September 2014

maximale 1-Stunden-Mittelwerte September 2014

| Hintergrund- und Ozonstationen | SO ₂ | NO | NO ₂ | O ₃ | CO | Benzol | Toluol | PM10 | PM2,5 |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 13ST Sternschanze | 75 | 179 | 101 | 105 | | | | 70 | 56 |
| 20VE Veddel | 49 | 237 | 102 | | | | | 73 | 87 |
| 21BI Billbrook | 30 | 240 | 79 | | | | | 68 | |
| 24FL Flughafen | | 150 | 80 | 128 | 0,93 | 5,4 | 9,2 | 66 | |
| 27TA Tatenberg | | 32 | 55 | 120 | | | | | |
| 51BF Bramfeld | | 66 | 61 | 125 | | | | | |
| 52NG Neugraben | | 115 | 61 | 112 | | | | | |
| 54BL Blankenese | | 60 | 79 | 110 | | | | | |
| 61WB Wilhelmsburg | 43 | 101 | 82 | | | | | 73 | 59 |
| 72FI Finkenwerder West | | 225 | 89 | | | | | 60 | |
| 73FW Finkenwerder Airbus | | 172 | 87 | | | | | | |
| 74BT Billstedt | | 137 | 101 | | | | | 71 | |
| 80KT Altona Elbhang | 54 | 150 | 83 | | | | | 71 | |

| Verkehrsstationen | NO | NO ₂ | CO | Benzol | Toluol | PM10 | PM2,5 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 17SM Stresemannstraße | 314 | 163 | | | | * | |
| 64KS Kieler Straße | 480 | 120 | | | | | 64 |
| 68HB Habichtstraße | 376 | 164 | 1,78 | 4,7 | 23,6 | 107 | |
| 70MB Max-Brauer-Allee | 404 | 142 | 1,62 | 7,3 | 42,8 | 68 | |

Hamburger Luftmessnetz

Monat: September 2014

Kurzzeit-Grenzwert-Überschreitungen im Monat September 2014

| Hintergrund- und Ozonstationen | SO ₂ | SO ₂ | NO ₂ | O ₃ | O ₃ | O ₃ | CO | PM10 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|
| Mittelungszeitraum: | 24h | 1h | 1h | 1h | 1h | 8h | 8h | 24h |
| Grenzwert: | 125 µg/m ³ | 350 µg/m ³ | 200 µg/m ³ | 180 µg/m ³ | 240 µg/m ³ | 120 µg/m ³ | 10 mg/m ³ | 50 µg/m ³ |
| erlaubte Überschreitungen pro Jahr: | 3 | 24 | 18 | - | - | 25 | 0 | 35 |
| | [Anzahl] | [Anzahl] | [Anzahl] | [Anzahl] | [Anzahl] | [Anzahl] | [Anzahl] | [Anzahl] |
| 13ST Sternschanze | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 20VE Veddel | 0 | 0 | 0 | | | | | 0 |
| 21BI Billbrook | 0 | 0 | 0 | | | | | 0 |
| 24FL Flughafen | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 27TA Tatenberg | | | 0 | 0 | 0 | 0 | | |
| 51BF Bramfeld | | | 0 | 0 | 0 | 0 | | |
| 52NG Neugraben | | | 0 | 0 | 0 | 0 | | |
| 54BL Blankenese | | | 0 | 0 | 0 | 0 | | |
| 61WB Wilhelmsburg | 0 | 0 | 0 | | | | | 0 |
| 72FI Finkenwerder West | | | 0 | | | | | 0 |
| 73FW Finkenwerder Airbus | | | 0 | | | | | |
| 74BT Billstedt | | | 0 | | | | | 0 |
| 80KT Altona Elbhang | 0 | 0 | 0 | | | | | 0 |

| Verkehrsstationen | NO ₂ | CO | PM10 |
|-------------------------------------|-----------------------|----------------------|----------------------|
| Mittelungszeitraum: | 1h | 8h | 24h |
| Grenzwert: | 200 µg/m ³ | 10 mg/m ³ | 50 µg/m ³ |
| erlaubte Überschreitungen pro Jahr: | 18 | 0 | 35 |
| | [Anzahl] | [Anzahl] | [Anzahl] |
| 17SM Stresemannstraße | 0 | | 1 |
| 64KS Kieler Straße | 0 | | |
| 68HB Habichtstraße | 0 | 0 | 2 |
| 70MB Max-Brauer-Allee | 0 | 0 | 0 |

Hamburger Luftmessnetz

Monat: September 2014

gleitende Jahresmittelwerte September 2014

| Hintergrund- und Ozonstationen | SO ₂ | NO | NO ₂ | O ₃ | CO | Benzol | Toluol | PM10 | PM2,5 |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 13ST Sternschanze | 4 | 9 | 28 | 41 | | | | 22 | 14 |
| 20VE Veddel | 7 | 20 | 36 | | | | | 25 | 15 |
| 21BI Billbrook | 4 | 11 | 25 | | | | | 19 | |
| 24FL Flughafen | | 8 | 23 | 46 | 0,20 | 0,5 | 0,9 | 20 | |
| 27TA Tatenberg | | 4 | 16 | 45 | | | | | |
| 51BF Bramfeld | | 5 | 18 | 43 | | | | | |
| 52NG Neugraben | | 4 | 15 | 47 | | | | | |
| 54BL Blankenese | | 4 | 17 | 45 | | | | | |
| 61WB Wilhelmsburg | 4 | 9 | 27 | | | | | 21 | 12 |
| 72FI Finkenwerder West | | 8 | 20 | | | | | 18 | |
| 73FW Finkenwerder Airbus | | 7 | 19 | | | | | | |
| 74BT Billstedt | | 14 | 32 | | | | | 19 | |
| 80KT Altona Elbhang | 5 | 13 | 33 | | | | | 18 | |

| Verkehrsstationen | NO | NO ₂ | CO | Benzol | Toluol | PM10 | PM2,5 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | [µg/m ³] | [µg/m ³] | [mg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] | [µg/m ³] |
| 17SM Stresemannstraße | 45 | 55 | | | | 23 | |
| 64KS Kieler Straße | 49 | 48 | | | | | 16 |
| 68HB Habichtstraße | 78 | 59 | 0,50 | 1,2 | 4,1 | 27 | |
| 70MB Max-Brauer-Allee | 74 | 63 | 0,51 | 1,4 | 4,7 | 24 | |

* = nicht genügend Messdaten zur Berechnung eines Wertes vorhanden.

Hamburger Luftmessnetz

Monat: September 2014

Meteorologie

Monatsmittelwerte und –summen September 2014

| Meteorologiestationen | Temperatur | | Relative Feuchte | | Luftdruck | | Niederschlagsmenge | | Windgeschwindigkeit | |
|------------------------|------------|--|------------------|--|-----------|--|--------------------|--|---------------------|--|
| | [°C] | | [%] | | [hPa] | | [mm] | | [m/s] | |
| 21BI Billbrook | 16,8 | | 76,9 | | 1017,7 | | | | 2,1 | |
| 41MM Marckmannstraße | 16,9 | | 75,1 | | | | 14,4 | | 3,0 | |
| 72FI Finkenwerder West | 16,7 | | 71,5 | | 1016,7 | | 33,8 | | 1,7 | |

maximale und minimale Tagesmittelwerte und –summen

| Meteorologiestationen | Temperatur | | Relative Feuchte | | Luftdruck | | Niederschlagsmenge | | Windgeschwindigkeit | |
|------------------------|------------|------|------------------|------|-----------|--------|--------------------|-----|---------------------|-----|
| | [°C] | | [%] | | [hPa] | | [mm] | | [m/s] | |
| | max | min | max | min | max | min | max | min | max | min |
| 21BI Billbrook | 20,6 | 12,6 | 92,1 | 62,3 | 1025,9 | 1010,0 | | | 4,5 | 0,6 |
| 41MM Marckmannstraße | 20,6 | 12,8 | 91,2 | 58,4 | | | 5,1 | 0,0 | 6,2 | 1,3 |
| 72FI Finkenwerder West | 20,4 | 12,0 | 85,0 | 57,7 | 1025,1 | 1009,0 | 12,3 | 0,0 | 4,2 | 0,6 |

maximale und minimale 1-Stunden-Mittelwerte und –summen

| Meteorologiestationen | Temperatur | | Relative Feuchte | | Luftdruck | | Niederschlagsmenge | | Windgeschwindigkeit | |
|------------------------|------------|-----|------------------|------|-----------|--------|--------------------|-----|---------------------|-----|
| | [°C] | | [%] | | [hPa] | | [mm] | | [m/s] | |
| | max | min | max | min | max | min | max | min | max | min |
| 21BI Billbrook | 27,7 | 7,8 | 97,1 | 36,1 | 1027,0 | 1007,0 | | | 6,3 | 0,0 |
| 41MM Marckmannstraße | 26,6 | 8,6 | 97,9 | 35,9 | | | 3,9 | 0,0 | 7,9 | 0,2 |
| 72FI Finkenwerder West | 25,9 | 5,5 | 90,3 | 38,8 | 1026,5 | 1006,2 | 8,9 | 0,0 | 6,2 | 0,3 |