

# Messbericht Nr. 5510.14-19/ Juli 2019

## Inhalt:

Messbericht für den Monat Juli 2019

zum Schallmonitoring am Bilster Berg Drive Resort

Monatsmessbericht gem. Nebenbestimmung Nr. II.37.1 Änderungsgenehmigung vom 27.08.2012

unter Berücksichtigung der Änderungsgenehmigung vom 07.11.2014

Darzustellen sind:

- Tagesmittelungspegel  $L_{Aeq,Tag}$  an den RDMS für jeden Tag
- Betriebszeiten für jeden Tag
- Gesamtzahl der für den jeweiligen Tag pro Modul zugelassener Fahrzeuge
- Stundenmittelungspegel  $L_{Aeq,1h}$  an den RDMS für alle Stunden außerhalb der Kernbetriebszeiten
- Betriebszeiten für die Nächte mit Betrieb

## Betriebszeiten:

- Kernbetriebszeit: Werktage von 8:00 bis 20:00 Uhr,  
Sonn- und Feiertage von 9:00 bis 13:00 und 14:30 bis 20:00 Uhr
- Irrelevante Tageszeit: Werktage von 6:00 bis 8:00 und 20:00 bis 22:00 Uhr,  
Sonn- und Feiertage von 6:00 bis 9:00, 13:00 bis 14:30  
und 20:00 bis 22:00 Uhr
- Nachtzeit: von 22:00 bis 6:00 Uhr

## Emissions-Referenzwerte:

- zur Kernbetriebszeit:  $L_{Aeq,Tag,RDMS\ 1\ West} = 74\ dB(A)$  und  $L_{Aeq,Tag,RDMS\ 2\ Ost} = 75\ dB(A)$
- zur irrelevanten Tageszeit:  $L_{Aeq,1h,RDMS\ 1\ West} = 65\ dB(A)$  und  $L_{Aeq,1h,RDMS\ 2\ Ost} = 64\ dB(A)$
- zur Nachtzeit:  $L_{Aeq,1h,RDMS\ 1\ West} = 61\ dB(A)$  und  $L_{Aeq,1h,RDMS\ 2\ Ost} = 62\ dB(A)$

## Zusammenfassung / Bemerkungen:

Der Anlagenbetrieb hat die Emissions-Referenzwerte an den

Referenzdaueremissionsstationen RDMS 1 West und RDMS 2 Ost ausnahmslos eingehalten.

## Datum:

05.08.2019

## Messstelle nach § 26 BImSchG:



BeSB GmbH Berlin, Schalltechnisches Büro

Undinestraße 43

12203 Berlin

## Tabellen:

Betriebszeiten

Tagesmittelungspegel  $L_{Aeq,Tag}$  an beiden RDMS und Fahrzeugzahlen

Stundenmittelungspegel  $L_{Aeq,1h}$  für alle Stunden außerhalb der Kernbetriebszeiten RDMS 1 West

Stundenmittelungspegel  $L_{Aeq,1h}$  für alle Stunden außerhalb der Kernbetriebszeiten RDMS 2 Ost

# Betriebszeiten

| Datum    | Tag  | Betriebszeiten |      |             |      |               |       |              |      |             |      |                 |      |               |       |
|----------|------|----------------|------|-------------|------|---------------|-------|--------------|------|-------------|------|-----------------|------|---------------|-------|
|          |      | Teststrecke    |      |             |      |               |       |              |      |             |      | Geländeparcours |      | Dynamikfläche |       |
|          |      | Tag            |      |             |      |               | Nacht |              |      |             |      | Tag             |      | Tag           |       |
|          |      | Westschleife   |      | Ostschleife |      | Gesamtstrecke |       | Westschleife |      | Ostschleife |      |                 |      |               |       |
| Beginn   | Ende | Beginn         | Ende | Beginn      | Ende | Beginn        | Ende  | Beginn       | Ende | Beginn      | Ende | Beginn          | Ende |               |       |
| 01.07.19 | Mo   |                |      |             |      | 08:00         | 17:05 |              |      |             |      |                 |      | 09:00         | 16:00 |
| 02.07.19 | Di   |                |      |             |      | 08:00         | 19:55 |              |      |             |      |                 |      | 09:00         | 16:00 |
| 03.07.19 | Mi   |                |      |             |      | 08:00         | 19:50 |              |      |             |      |                 |      | 09:00         | 16:00 |
| 04.07.19 | Do   |                |      |             |      | 08:00         | 17:05 |              |      |             |      |                 |      | 09:00         | 16:00 |
| 05.07.19 | Fr   |                |      |             |      | 08:00         | 19:00 |              |      |             |      |                 |      | 09:00         | 16:00 |
| 06.07.19 | Sa   |                |      |             |      | 08:20         | 17:00 |              |      |             |      |                 |      | 14:00         | 17:00 |
| 07.07.19 | So   |                |      |             |      |               |       |              |      |             |      |                 |      |               |       |
| 08.07.19 | Mo   |                |      |             |      | 11:00         | 20:00 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 09.07.19 | Di   |                |      |             |      | 09:00         | 20:00 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 10.07.19 | Mi   |                |      |             |      | 08:55         | 19:55 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 11.07.19 | Do   |                |      |             |      | 08:55         | 19:55 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 12.07.19 | Fr   |                |      |             |      | 08:55         | 19:55 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 13.07.19 | Sa   |                |      |             |      | 09:55         | 20:00 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 14.07.19 | So   |                |      |             |      | 09:00         | 18:00 |              |      |             |      |                 |      |               |       |
| 15.07.19 | Mo   |                |      |             |      | 10:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 16.07.19 | Di   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 17.07.19 | Mi   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 18.07.19 | Do   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 19.07.19 | Fr   |                |      |             |      | 08:55         | 19:55 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 20.07.19 | Sa   |                |      |             |      | 10:00         | 20:00 |              |      |             |      |                 |      | 10:00         | 15:00 |
| 21.07.19 | So   |                |      |             |      | 09:00         | 18:00 |              |      |             |      |                 |      |               |       |
| 22.07.19 | Mo   |                |      |             |      | 10:55         | 20:00 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 23.07.19 | Di   |                |      |             |      | 08:55         | 19:55 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 24.07.19 | Mi   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 25.07.19 | Do   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 26.07.19 | Fr   |                |      |             |      | 08:00         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 27.07.19 | Sa   |                |      |             |      | 10:00         | 20:00 |              |      |             |      |                 |      | 10:00         | 15:00 |
| 28.07.19 | So   |                |      |             |      | 09:00         | 17:35 |              |      |             |      |                 |      |               |       |
| 29.07.19 | Mo   |                |      |             |      | 10:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 30.07.19 | Di   |                |      |             |      | 09:00         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |
| 31.07.19 | Mi   |                |      |             |      | 08:55         | 19:50 |              |      |             |      |                 |      | 09:00         | 20:00 |

Tagesmittelungspegel  $L_{Aeq,Tag}$  an beiden RDMS und Fahrzeugzahlen

| Datum    | Tag | $L_{Aeq,Tag}$ /dB(A) |            | Anzahl Kfz inkl. Motorräder |             |               |                 |               |
|----------|-----|----------------------|------------|-----------------------------|-------------|---------------|-----------------|---------------|
|          |     | RDMS 1 West          | RDMS 2 Ost | Westschleife                | Ostschleife | Gesamtstrecke | Geländepercours | Dynamikfläche |
| 01.07.19 | Mo  | 59.8                 | 59.5       |                             |             | 19            |                 | 22            |
| 02.07.19 | Di  | 64.7                 | 66.2       |                             |             | 25            |                 | 22            |
| 03.07.19 | Mi  | 60.3                 | 61.1       |                             |             | 23            |                 | 22            |
| 04.07.19 | Do  | 57.5                 | 57.3       |                             |             | 18            |                 | 22            |
| 05.07.19 | Fr  | 63.9                 | 63.4       |                             |             | 35            |                 | 22            |
| 06.07.19 | Sa  | 70.7                 | 72.5       |                             |             | 44            |                 | 40            |
| 07.07.19 | So  | 46.0                 | 46.7       |                             |             |               |                 |               |
| 08.07.19 | Mo  | 61.5                 | 61.9       |                             |             | 41            |                 | 12            |
| 09.07.19 | Di  | 64.4                 | 64.3       |                             |             | 47            |                 | 12            |
| 10.07.19 | Mi  | 64.3                 | 64.2       |                             |             | 39            |                 | 12            |
| 11.07.19 | Do  | 63.7                 | 64.1       |                             |             | 38            |                 | 12            |
| 12.07.19 | Fr  | 63.2                 | 63.8       |                             |             | 40            |                 | 12            |
| 13.07.19 | Sa  | 67.4                 | 70.5       |                             |             | 77            |                 | 12            |
| 14.07.19 | So  | 70.0                 | 72.8       |                             |             | 48            |                 |               |
| 15.07.19 | Mo  | 61.3                 | 61.9       |                             |             | 37            |                 | 12            |
| 16.07.19 | Di  | 64.7                 | 64.3       |                             |             | 40            |                 | 12            |
| 17.07.19 | Mi  | 64.1                 | 64.3       |                             |             | 40            |                 | 12            |
| 18.07.19 | Do  | 64.7                 | 64.2       |                             |             | 38            |                 | 12            |
| 19.07.19 | Fr  | 63.7                 | 63.6       |                             |             | 42            |                 | 12            |
| 20.07.19 | Sa  | 66.8                 | 68.9       |                             |             | 74            |                 | 12            |
| 21.07.19 | So  | 71.5                 | 73.6       |                             |             | 55            |                 |               |
| 22.07.19 | Mo  | 61.0                 | 60.9       |                             |             | 42            |                 | 12            |
| 23.07.19 | Di  | 63.7                 | 63.3       |                             |             | 39            |                 | 12            |
| 24.07.19 | Mi  | 63.4                 | 62.8       |                             |             | 42            |                 | 12            |
| 25.07.19 | Do  | 62.9                 | 62.0       |                             |             | 45            |                 | 12            |
| 26.07.19 | Fr  | 62.7                 | 61.9       |                             |             | 45            |                 | 12            |
| 27.07.19 | Sa  | 71.7                 | 73.0       |                             |             | 99            |                 | 12            |
| 28.07.19 | So  | 69.0                 | 71.2       |                             |             | 29            |                 |               |
| 29.07.19 | Mo  | 61.0                 | 60.5       |                             |             | 39            |                 | 12            |
| 30.07.19 | Di  | 63.9                 | 63.1       |                             |             | 40            |                 | 12            |
| 31.07.19 | Mi  | 63.8                 | 63.6       |                             |             | 43            |                 | 12            |

Stundenmittelungspegel  $L_{Aeq,1h}$  für alle Stunden außerhalb der Kernbetriebszeiten RDMS 1 West

| Datum    | Tag | $L_{Aeq,1h}$ RDMS 1 West / dB(A) |       |       |             |             |       |       |       |       |       |       |       |       |       |       |
|----------|-----|----------------------------------|-------|-------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|          |     | 06-07                            | 07-08 | 08-09 | 13:00-14:00 | 13:30-14:30 | 20-21 | 21-22 | 22-23 | 23-00 | 00-01 | 01-02 | 02-03 | 03-04 | 04-05 | 05-06 |
| 01.07.19 | Mo  | 47.2                             | 46.8  |       |             |             | 45.6  | 48.1  | 44.0  | 43.8  | 43.5  | 43.6  | 44.7  | 43.8  | 47.9  | 46.3  |
| 02.07.19 | Di  | 51.4                             | 48.5  |       |             |             | 53.0  | 47.5  | 43.4  | 43.1  | 43.1  | 43.1  | 44.0  | 43.1  | 45.9  | 45.5  |
| 03.07.19 | Mi  | 46.0                             | 46.6  |       |             |             | 44.6  | 48.0  | 43.2  | 43.0  | 42.9  | 42.9  | 43.7  | 42.8  | 45.9  | 45.1  |
| 04.07.19 | Do  | 46.7                             | 46.0  |       |             |             | 44.9  | 44.3  | 43.4  | 43.3  | 43.4  | 43.5  | 44.1  | 43.4  | 45.7  | 45.2  |
| 05.07.19 | Fr  | 50.4                             | 46.8  |       |             |             | 44.1  | 43.6  | 43.5  | 43.5  | 43.3  | 43.2  | 44.3  | 43.5  | 45.6  | 45.2  |
| 06.07.19 | Sa  | 45.5                             | 45.3  |       |             |             | 48.2  | 47.3  | 45.7  | 44.4  | 43.8  | 43.8  | 44.5  | 43.8  | 44.7  | 45.5  |
| 07.07.19 | So  | 45.7                             | 44.5  | 45.3  | 48.7        | 45.8        | 43.9  | 43.5  | 43.4  | 43.3  | 43.3  | 43.3  | 44.1  | 43.2  | 45.7  | 45.8  |
| 08.07.19 | Mo  | 45.2                             | 44.8  |       |             |             | 45.8  | 44.8  | 44.8  | 44.2  | 43.7  | 43.6  | 44.3  | 43.5  | 45.3  | 46.8  |
| 09.07.19 | Di  | 45.4                             | 46.8  |       |             |             | 48.3  | 49.7  | 44.0  | 43.8  | 43.4  | 43.3  | 43.3  | 43.3  | 44.4  | 45.4  |
| 10.07.19 | Mi  | 45.1                             | 45.0  |       |             |             | 47.9  | 48.4  | 44.1  | 43.9  | 43.5  | 43.6  | 45.0  | 43.3  | 44.6  | 45.7  |
| 11.07.19 | Do  | 45.6                             | 44.5  |       |             |             | 52.5  | 49.6  | 45.6  | 47.6  | 44.4  | 44.0  | 44.8  | 44.1  | 45.6  | 46.5  |
| 12.07.19 | Fr  | 51.0                             | 49.9  |       |             |             | 50.7  | 48.2  | 45.1  | 44.6  | 44.4  | 44.8  | 44.9  | 44.2  | 44.5  | 45.3  |
| 13.07.19 | Sa  | 45.7                             | 47.6  |       |             |             | 44.4  | 45.0  | 44.0  | 44.0  | 43.8  | 43.7  | 44.5  | 43.7  | 43.8  | 45.5  |
| 14.07.19 | So  | 51.8                             | 45.4  | 45.5  | 46.8        | 45.8        | 44.3  | 43.8  | 43.4  | 43.6  | 43.5  | 43.4  | 44.3  | 43.6  | 43.8  | 44.7  |
| 15.07.19 | Mo  | 44.2                             | 44.3  |       |             |             | 48.5  | 46.3  | 45.4  | 45.7  | 44.0  | 43.7  | 44.6  | 44.0  | 44.1  | 45.6  |
| 16.07.19 | Di  | 52.2                             | 68.9  |       |             |             | 47.9  | 45.8  | 46.3  | 46.9  | 44.1  | 45.0  | 44.6  | 43.6  | 43.7  | 44.2  |
| 17.07.19 | Mi  | 44.4                             | 43.9  |       |             |             | 48.6  | 44.8  | 45.2  | 45.1  | 44.0  | 44.5  | 45.0  | 43.6  | 43.9  | 44.0  |
| 18.07.19 | Do  | 46.0                             | 47.6  |       |             |             | 48.7  | 47.5  | 47.3  | 46.5  | 44.2  | 44.0  | 44.7  | 43.6  | 43.5  | 43.8  |
| 19.07.19 | Fr  | 43.9                             | 44.0  |       |             |             | 50.1  | 46.4  | 44.4  | 44.5  | 43.7  | 43.6  | 44.6  | 43.6  | 44.1  | 44.9  |
| 20.07.19 | Sa  | 44.7                             | 45.5  |       |             |             | 47.5  | 44.0  | 44.2  | 43.9  | 44.4  | 43.9  | 43.8  | 43.5  | 43.6  | 44.3  |
| 21.07.19 | So  | 45.1                             | 45.8  | 46.8  | 45.4        | 45.2        | 43.4  | 43.4  | 43.5  | 43.5  | 43.3  | 43.3  | 43.3  | 43.3  | 43.3  | 44.0  |
| 22.07.19 | Mo  | 43.8                             | 44.4  |       |             |             | 44.4  | 44.9  | 47.2  | 46.9  | 43.5  | 43.7  | 43.8  | 43.5  | 43.7  | 43.8  |
| 23.07.19 | Di  | 48.2                             | 53.5  |       |             |             | 44.5  | 44.8  | 44.9  | 44.8  | 44.9  | 44.0  | 43.9  | 43.8  | 43.9  | 44.7  |
| 24.07.19 | Mi  | 50.9                             | 49.4  |       |             |             | 44.7  | 44.4  | 45.6  | 45.5  | 44.0  | 43.6  | 43.9  | 43.9  | 44.2  | 44.6  |
| 25.07.19 | Do  | 49.3                             | 48.7  |       |             |             | 44.4  | 44.5  | 44.8  | 44.6  | 45.6  | 44.1  | 44.1  | 43.9  | 44.0  | 44.2  |
| 26.07.19 | Fr  | 50.7                             | 49.4  |       |             |             | 48.0  | 45.8  | 45.9  | 45.0  | 44.3  | 43.8  | 44.0  | 43.9  | 43.5  | 43.7  |
| 27.07.19 | Sa  | 44.2                             | 46.7  |       |             |             | 49.5  | 44.8  | 44.7  | 44.5  | 43.8  | 43.8  | 43.5  | 43.5  | 43.4  | 43.6  |
| 28.07.19 | So  | 43.9                             | 43.9  | 45.2  | 46.0        | 44.9        | 46.5  | 47.3  | 48.4  | 47.2  | 47.5  | 47.7  | 47.6  | 45.2  | 44.3  | 43.9  |
| 29.07.19 | Mo  | 44.1                             | 44.2  |       |             |             | 50.9  | 44.9  | 46.2  | 45.8  | 44.5  | 43.5  | 43.6  | 43.5  | 43.6  | 44.0  |
| 30.07.19 | Di  | 43.8                             | 44.0  |       |             |             | 50.8  | 46.3  | 46.8  | 45.9  | 56.0  | 48.7  | 43.8  | 43.9  | 43.8  | 44.0  |
| 31.07.19 | Mi  | 45.3                             | 44.4  |       |             |             | 50.2  | 45.0  | 45.1  | 47.0  | 43.5  | 43.8  | 43.6  | 43.6  | 43.7  | 43.7  |

Der Mittelungspegel am 16.07.19 zwischen 07:00-08:00 Uhr wurde durch lokale Geräusche verursacht.

Stundenmittelungspegel  $L_{Aeq,1h}$  für alle Stunden außerhalb der Kernbetriebszeiten RDMS 2 Ost

| Datum    | Tag | $L_{Aeq,1h}$ RDMS 2 Ost / dB(A) |       |       |             |             |       |       |       |       |       |       |       |       |       |       |
|----------|-----|---------------------------------|-------|-------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|          |     | 06-07                           | 07-08 | 08-09 | 13:00-14:00 | 13:30-14:30 | 20-21 | 21-22 | 22-23 | 23-00 | 00-01 | 01-02 | 02-03 | 03-04 | 04-05 | 05-06 |
| 01.07.19 | Mo  | 45.1                            | 47.2  |       |             |             | 47.8  | 46.9  | 42.2  | 40.8  | 41.3  | 42.0  | 44.2  | 42.4  | 50.3  | 45.3  |
| 02.07.19 | Di  | 48.1                            | 48.4  |       |             |             | 53.7  | 54.3  | 41.9  | 42.6  | 42.3  | 41.3  | 44.6  | 42.2  | 47.8  | 45.5  |
| 03.07.19 | Mi  | 45.7                            | 46.3  |       |             |             | 45.5  | 44.1  | 42.3  | 42.2  | 42.4  | 41.2  | 41.3  | 41.3  | 43.8  | 43.3  |
| 04.07.19 | Do  | 46.8                            | 49.7  |       |             |             | 44.0  | 45.4  | 43.3  | 40.8  | 41.1  | 40.9  | 41.9  | 42.7  | 43.7  | 44.6  |
| 05.07.19 | Fr  | 49.6                            | 46.9  |       |             |             | 45.6  | 44.0  | 43.5  | 42.4  | 42.7  | 42.4  | 43.6  | 42.1  | 42.8  | 44.0  |
| 06.07.19 | Sa  | 42.2                            | 43.4  |       |             |             | 51.5  | 50.3  | 47.9  | 44.8  | 42.9  | 43.1  | 44.5  | 43.1  | 43.9  | 43.6  |
| 07.07.19 | So  | 42.8                            | 44.5  | 44.0  | 50.3        | 47.4        | 41.4  | 42.2  | 41.7  | 41.5  | 41.7  | 41.5  | 42.3  | 40.7  | 42.0  | 42.0  |
| 08.07.19 | Mo  | 42.7                            | 43.7  |       |             |             | 43.3  | 41.6  | 41.0  | 41.9  | 41.5  | 40.6  | 42.6  | 41.2  | 43.0  | 42.4  |
| 09.07.19 | Di  | 42.4                            | 42.5  |       |             |             | 44.2  | 48.8  | 41.2  | 42.1  | 41.9  | 41.6  | 40.8  | 41.3  | 42.5  | 42.4  |
| 10.07.19 | Mi  | 42.8                            | 44.0  |       |             |             | 51.6  | 40.9  | 41.8  | 41.7  | 41.5  | 41.1  | 44.1  | 40.2  | 40.8  | 41.5  |
| 11.07.19 | Do  | 41.8                            | 41.2  |       |             |             | 56.7  | 52.6  | 43.9  | 43.7  | 44.0  | 43.5  | 46.5  | 44.3  | 44.4  | 44.8  |
| 12.07.19 | Fr  | 47.6                            | 47.8  |       |             |             | 47.7  | 50.8  | 43.5  | 43.8  | 41.9  | 42.2  | 44.3  | 42.5  | 42.8  | 42.6  |
| 13.07.19 | Sa  | 43.4                            | 49.8  |       |             |             | 46.3  | 54.9  | 42.6  | 42.0  | 42.0  | 41.8  | 43.3  | 41.4  | 41.9  | 42.3  |
| 14.07.19 | So  | 48.1                            | 50.0  | 45.5  | 47.1        | 47.7        | 41.7  | 41.5  | 41.4  | 41.7  | 41.1  | 41.5  | 43.6  | 41.5  | 41.9  | 43.9  |
| 15.07.19 | Mo  | 48.5                            | 58.9  |       |             |             | 43.8  | 48.4  | 44.2  | 44.9  | 42.0  | 41.1  | 43.5  | 42.3  | 42.8  | 43.2  |
| 16.07.19 | Di  | 43.1                            | 46.4  |       |             |             | 43.6  | 48.3  | 43.3  | 43.6  | 42.5  | 42.1  | 43.7  | 41.7  | 41.8  | 42.7  |
| 17.07.19 | Mi  | 41.4                            | 42.7  |       |             |             | 49.9  | 48.1  | 41.4  | 43.0  | 42.0  | 42.3  | 43.8  | 42.4  | 42.3  | 42.4  |
| 18.07.19 | Do  | 42.6                            | 42.4  |       |             |             | 43.5  | 52.3  | 42.4  | 42.9  | 41.1  | 41.0  | 43.8  | 40.7  | 40.3  | 41.3  |
| 19.07.19 | Fr  | 40.8                            | 42.1  |       |             |             | 51.2  | 43.0  | 40.8  | 41.3  | 40.2  | 39.8  | 42.9  | 40.1  | 41.8  | 44.3  |
| 20.07.19 | Sa  | 44.5                            | 44.9  |       |             |             | 47.9  | 43.3  | 43.0  | 42.5  | 42.7  | 41.9  | 44.0  | 41.8  | 41.6  | 42.9  |
| 21.07.19 | So  | 42.3                            | 44.8  | 47.8  | 49.8        | 45.7        | 40.9  | 41.0  | 40.4  | 40.4  | 41.3  | 41.3  | 42.8  | 40.2  | 40.1  | 40.4  |
| 22.07.19 | Mo  | 40.7                            | 41.5  |       |             |             | 42.1  | 41.7  | 41.7  | 41.3  | 40.2  | 39.8  | 43.0  | 39.9  | 40.0  | 40.7  |
| 23.07.19 | Di  | 49.5                            | 44.0  |       |             |             | 44.7  | 43.2  | 42.9  | 43.3  | 42.0  | 41.3  | 43.2  | 40.7  | 40.0  | 43.4  |
| 24.07.19 | Mi  | 50.9                            | 45.9  |       |             |             | 42.0  | 42.9  | 42.5  | 42.0  | 43.9  | 45.4  | 45.9  | 44.6  | 44.6  | 44.5  |
| 25.07.19 | Do  | 51.0                            | 47.2  |       |             |             | 43.6  | 43.1  | 41.5  | 41.8  | 41.3  | 42.9  | 44.0  | 42.2  | 42.6  | 42.0  |
| 26.07.19 | Fr  | 47.5                            | 44.6  |       |             |             | 43.3  | 50.9  | 42.4  | 41.3  | 42.9  | 42.6  | 45.0  | 43.8  | 43.6  | 44.0  |
| 27.07.19 | Sa  | 42.2                            | 43.5  |       |             |             | 51.7  | 43.7  | 43.3  | 42.9  | 43.2  | 42.9  | 44.8  | 43.1  | 43.5  | 43.7  |
| 28.07.19 | So  | 43.8                            | 43.9  | 45.7  | 44.9        | 44.4        | 46.1  | 45.9  | 46.1  | 46.5  | 46.8  | 48.2  | 48.6  | 44.1  | 41.8  | 41.3  |
| 29.07.19 | Mo  | 43.0                            | 42.1  |       |             |             | 48.3  | 47.7  | 41.8  | 44.1  | 44.1  | 44.3  | 45.3  | 44.1  | 43.9  | 44.4  |
| 30.07.19 | Di  | 44.3                            | 43.0  |       |             |             | 51.2  | 42.5  | 43.3  | 42.3  | 56.7  | 49.8  | 45.6  | 44.0  | 43.9  | 43.7  |
| 31.07.19 | Mi  | 44.7                            | 41.3  |       |             |             | 48.3  | 43.5  | 43.4  | 44.3  | 41.6  | 42.8  | 43.8  | 42.5  | 43.4  | 42.6  |