



## SCHATTENWURFPROGNOSE

Erstellt für:  
**WINDPARK BÜNNE-WEHDEL GMBH & CO.  
KG**

*Ref. Nr.: UL-GER-WP20-13224999-02*

**BÜNNE-WEHDEL**  
Niedersachsen  
Landkreis Osnabrück/ Vechta

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## KLASSIFIZIERUNG

**Kundenermess**

## AUSGABE

**04**

**Dienstleistung** Schattenwurfprognose  
**Standort** Bünne-Wehdel  
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## DOKUMENTVERLAUF

AUSGABE	DATUM	ZUSAMMENFASSUNG
01	7.08.2020	Entwurf
02	11.11.2020	2. Entwurf, geänderte Nabenhöhe
03	16.07.2021	3. Entwurf, redaktionelle Änderungen; Berücksichtigung von ATKIS basierten Koordinaten für IO Bünner Wohld 21B
04	19.07.2021	Endbericht

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## 1. EINLEITUNG / AUFGABENSTELLUNG

Am Standort Bünne-Wehdel sollen 11 Windenergieanlagen (WEA) des Typs Nordex N-163-5.x mit 5.7 MW Nennleistung und 165.5 m Nabenhöhe errichtet werden. Im Rahmen dieser Planung wurde UL mit der Erstellung einer Schattenwurfprognose beauftragt.

Gegenstand der vorliegenden Ermittlung ist die

- rechnerische Ermittlung der zu erwartenden Schattenwurfzeiten für benachbarte Immissionsorte (IO) unter Berücksichtigung der am Standort Bünne-Wehdel neu geplanten WEA sowie unter Berücksichtigung der in der Nähe bestehenden Windparks als Vorbelastung,
- Bewertung und Einschätzung der Berechnungsergebnisse hinsichtlich bestehender Richtlinien zu optischen Immissionen von Windenergieanlagen (WEA),
- Bestimmung der tatsächlich zu erwartenden Schattenwurfzeiten unter Berücksichtigung der Sonnenscheindauer und der Windrichtungsverteilung.

Für die Berechnungen wurde die Parkkonfiguration der geplanten WEA nach Angaben des Auftraggebers verwendet. Die Koordinaten der am Standort bestehenden WEA wurde UL ebenfalls vom Auftraggeber übermittelt. Die zur Berechnung der Schattenwurfzeiten verwendeten Abmessungen der geplanten WEA basieren auf Herstellerangaben.

## 2. METHODE DER SCHATTENWURFERMITTLUNG

Gegenstand dieser Schattenwurfermittlung ist die Bestimmung der Beschattungsdauer an Wohn- und Arbeitsgebäuden in der Nachbarschaft der geplanten Windenergieanlagen.

Schatten von Objekten entstehen in erster Linie bei direkter Sonneneinstrahlung. Der Schatten des Rotors ist hinsichtlich zweier Faktoren veränderlich: Einerseits wird er durch die Bewegung der Rotorblätter verändert (periodischer Schattenwurf), andererseits wandert er entsprechend der täglichen Sonnenbahn und bei entsprechenden geometrischen Bedingungen über den jeweiligen Betrachtungspunkt. Für die nachfolgenden Berechnungen gilt ein Betrachtungspunkt dann als beschattet, wenn von ihm aus gesehen der Mittelpunkt der Sonne von der Rotorfläche einer Windenergieanlage verdeckt wird.

Der Schwerpunkt der Berechnungen liegt auf der Ermittlung der *theoretisch maximalen*, das heißt, der *astronomisch möglichen* Beschattungsdauer am Betrachtungspunkt. Diese ergibt sich unter der Annahme, dass die Sonne ganztägig und an allen Tagen des Jahres scheint (stets wolkenloser Himmel), dass fortwährend ausreichender Wind für die Bewegung des Rotors herrscht und schließlich, dass die Windrichtung stets dem Azimutwinkel der Sonne entspricht (Rotorkreisfläche steht senkrecht zur Einfallrichtung der direkten Sonnenstrahlung).

Es ist zu beachten, dass die atmosphärischen Bedingungen wie Bewölkung und Nebel die *astronomisch möglichen* Beschattungszeiten in der Regel stark verkürzen, sie unterliegen jedoch jährlichen Schwankungen. Die durchschnittliche Verminderung der astronomisch möglichen Beschattungszeiten durch die atmosphärischen Effekte wird in den Berechnungen über die standorttypische, relative Sonnenscheindauer (monatlich) abgeschätzt.

Als weiterer zeitverkürzender Faktor geht die Rotorstellung relativ zum Betrachtungspunkt ein. Bei der Berechnung der astronomisch möglichen Beschattungszeit wird davon ausgegangen, dass der Rotor senkrecht zur Linie Sonne-Betrachtungspunkt steht (ungünstigster Fall). In Abhängigkeit von der lokalen Windrichtungsverteilung variiert jedoch der Winkel der Rotorebene, so dass die projizierte Rotorfläche, die Beschattungen hervorruft, im Mittel deutlich kleiner ist. Die Rotorstellung der WEA wird über eine standorttypische Windrichtungsverteilung berücksichtigt.

Die Berechnung der Beschattungszeiten wird für den Zeitraum eines Jahres durchgeführt. Leichte Variationen der Zeiten aufgrund des von Jahr zu Jahr leicht veränderlichen Sonnenganges sind möglich.

In die Schattenberechnungen gehen im Allgemeinen folgende Faktoren ein:

- Windenergieanlagen (WEA): Koordinaten, Höhe über NN, Nabenhöhe, Blattgeometrie
- Betrachtungspunkte/Immissionsorte (IO): Koordinaten, Höhe über NN, Höhe über Grund
- Sonnenstand
- Relative Sonnenscheindauer
- Windrichtungsverteilung

Hinsichtlich der Bewertung auftretender Schattenwurfzeiten existieren derzeit keine Immissionsgrenzwerte. In den Hinweisen des Länderausschusses für Immissionsschutz [1] wird derzeit ein Richtwert von 30 Stunden pro Jahr (astronomisch mögliche Beschattungsdauer) sowie 30 Minuten pro Tag als Empfehlung für die maximale Beschattungszeit von Immissionsorten gegeben. Die Werte basieren auf wissenschaftlichen Studien der Christian – Albrechts – Universität zu Kiel aus den Jahren 1999/2000 [4][5].

Grundsätzlich obliegt die Festlegung der zulässigen Beschattungsdauer jedoch den Genehmigungsbehörden und sollte im optimalen Fall die jeweiligen Standortfaktoren (Sicht auf die WEA, vorgelagerte Bebauungen, tatsächliche Wohnsituationen) berücksichtigen.

Die folgenden Randbedingungen sind laut Hinweisen des Länderausschusses für Immissionsschutz [1] bei der Erstellung einer Prognose von Beschattungszeiten durch Windenergieanlagen anzusetzen:

Maßgeblich bei der Gegenüberstellung mit den zugrunde gelegten Richtwerten für die zulässige Beschattungsdauer ist die **maximal (astronomisch) mögliche Beschattungsdauer** am betroffenen Betrachtungspunkt. Die astronomisch mögliche Beschattungsdauer ergibt sich unter der Annahme folgender Randbedingungen:

- Die Sonne scheint ganztägig und an allen Tagen des Jahres. Es herrscht fortwährend wolkenloser Himmel und für die Bewegung des Rotors ausreichender Wind. Die Windrichtung entspricht dem Azimutwinkel der Sonne, d. h., die Rotorkreisfläche steht senkrecht zur Einfallrichtung der direkten Sonnenstrahlung.
- Es werden die astronomisch möglichen Schattenwurfzeiten für einen Referenz-Einwirkungspunkt in einer Bezugshöhe von 2 m über Grund zu berechnet. (Außenflächen, wie z.B. Terrassen oder Balkone können erforderlichenfalls im Rahmen einer Einzelfallprüfung betrachtet werden, wobei übliche Nutzungszeiten zu berücksichtigen sind.)
- Gemäß [1] wird der Beschattungsbereich einer WEA definiert als der Bereich in welchem die Sonnenfläche zu 20% durch ein Rotorblatt verdeckt wird. Da die Rotorblatttiefe nicht über den ganzen Flügel konstant ist, sondern in der Regel zum äußeren Rotorbereich hin abnimmt, wird ersatzweise ein rechteckiges Rotorblatt mit einer mittleren Blatttiefe zugrunde gelegt. Letztere ist wie folgt zu berechnen:

$$\text{mittlere Blatttiefe} = \frac{\text{max. Blatttiefe} + \text{min. Blatttiefe bei 90\% Radius}}{2}$$

- Der Schattenwurf für Sonnenstände unter 3° über Horizont kann in ebenem Gelände wegen der dickeren zu durchdringenden Atmosphärenschichten und daher geringeren Strahlungsintensität der Sonne vernachlässigt werden.
- Die Sonne kann als punktförmig angenommen werden.
- Natürliche und künstliche feste, lichtundurchlässige Hindernisse, welche die Schattenwurfzeiten an einem Betrachtungspunkt durch Sichtversperrung reduzieren, sind in den Berechnungen zu berücksichtigen, nicht jedoch Bäume oder sonstiger Bewuchs, welcher theoretisch jederzeit entfernt werden kann.

**Anmerkungen:** Im Rahmen der vorliegenden Schattenwurfermittlung gehen mögliche Sichtversperrungen durch Bewuchs nicht in die Berechnungen ein. Es werden jedoch Orographiebedingte Sichtversperrungen berücksichtigt, da nicht davon auszugehen ist, dass sich während des Betriebszeitraumes der geplanten WEA die umliegende Geländesituation maßgeblich verändert.



## 3. TOPOGRAPHISCHE EINGANGSDATEN

### 3.1 Standortbeschreibung

Der Standort Bünne Wehdel wurde von UL bereits mehrfach besucht, zuletzt am 07.05.2020 durch den UL-Mitarbeiter Lukas Reckweg.

Die Windparkfläche Bünne-Wehdel befindet sich ca. 40 km nördlich von Osnabrück und 3.5 km östlich von Quakenbrück auf der Grenze zwischen den Landkreisen Osnabrück und Vechta (Niedersachsen).

Die WEA-Standorte befinden sich nordwestlich der Ortschaft Bünne auf Ackerflächen. Die dort bestehenden WEA vom Typ Südwind S-70 sollen im Zuge des Repowerings zurückgebaut werden und werden daher nicht als Vorbelastung berücksichtigt. Direkt nordwestlich der Fläche befinden sich zwei WEA vom Typ Nordex N117/2400. Diese WEA gehen in die vorliegenden Berechnungen als Vorbelastung ein. Drei WEA vom Typ Enercon E-66/18.70 nordöstlich der geplanten WEA gehen nicht als Vorbelastung in die Berechnungen ein, da sie keinen Schattenwurf an den IO im Beschattungsbereich der geplanten WEA verursachen.

Die Umgebung des Windparks ist durch relativ ebenes Gelände mit landwirtschaftlich genutzten Flächen, einigen Gehöften und Häusergruppen sowie vereinzelt Waldstücken geprägt. Zusammenhängende Siedlungsgebiete finden sich erst in einiger Entfernung zu den geplanten WEA.

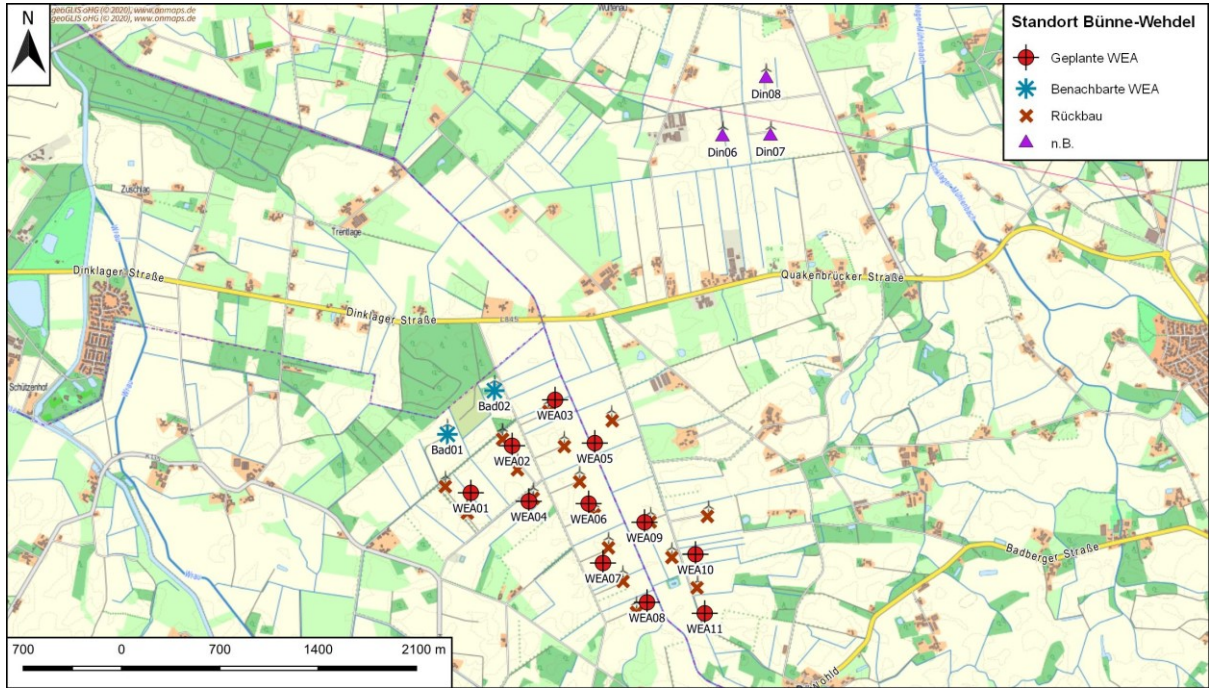
### 3.2 Geographische Datenbasis

Zur Digitalisierung der Höhenlinien und der Rauigkeiten wurden topographische Karten im Maßstab 1:25.000 verwendet. Eingang in die Rauigkeitsbeschreibung fanden weiterhin die Eindrücke und die Fotos, die während der Standortbesichtigung gemacht wurden.

Die Koordinaten der Immissionsorte wurden dem Kartenmaterial in Form von aktuellen ATKIS-Karten [9] entnommen und während der Standortbegehung hinsichtlich Lage und Nutzung überprüft.

Insgesamt ist die geographische Datenbasis zur Einschätzung des Standortes als gut zu bezeichnen.

In diesem Bericht werden alle Koordinaten in dem Koordinatensystem UTM ETRS89 Zone 32 dargestellt.



**Abbildung 1: Lage der neu geplanten WEA und der benachbart bestehenden WEA am Standort Bünne-Wehdel**

## 4. EINGANGSGRÖßEN FÜR DIE SCHATTENWURFERMITTLUNG

Für Berechnungen sind hinsichtlich der an den Gebäuden auftretenden Beschattungszeiten die Nabenhöhe und der Rotordurchmesser der WEA-Typen sowie die Position der neu geplanten sowie auch der als Vorbelastung bestehenden WEA von entscheidender Bedeutung. In den nachfolgenden Abschnitten sind die Koordinaten und die wesentlichen Kenndaten der neu geplanten WEA und bestehenden WEA dargestellt. Die Berechnung durch die Software WindPro [A] erfolgt für einen Zeitraum von einem Jahr mit einer Schrittweite von einer Minute. Dabei gibt die verwendete Software WindPro auch den Beschattungsbereich unter Anwendung des 20%-Kriteriums aus.

Für die WEA der Hersteller Nordex und Enercon liegen UL Herstellerangaben über die für die Schattenwurfberechnungen benötigten Blattdaten vor.

### 4.1 Geplante Windenergieanlagen

Als Zusatzbelastung werden im Folgenden 11 Anlagen des Typs Nordex N-163-5.x berücksichtigt. In Tabelle 4.1 sind die Anlagendaten dargestellt:

**Tabelle 4.1.: Koordinaten und technische Daten der neu geplanten WEA**

ID	Koordinaten (UTM ETRS89 Zone 32)		Höhe ü. NN [m]	WEA – Typ	Rotordurch- messer [m]	Naben- höhe [m]	Maximale Blatttiefe [m]	Blatttiefe bei 90% Radius [m]	resultierender Beschattungsbereich gemäß WindPro [m]
	Rechtswert	Hochwert							
WEA01	434'192	5'835'203	26	N163-5.x	163	165.5	4.15	1.11	1'784
WEA02	434'486	5'835'538	25	N163-5.x	163	165.5	4.15	1.11	1'784
WEA03	434'792	5'835'865	25	N163-5.x	163	165.5	4.15	1.11	1'784
WEA04	434'605	5'835'142	26	N163-5.x	163	165.5	4.15	1.11	1'784
WEA05	435'075	5'835'557	25	N163-5.x	163	165.5	4.15	1.11	1'784
WEA06	435'031	5'835'126	26	N163-5.x	163	165.5	4.15	1.11	1'784
WEA07	435'133	5'834'703	26	N163-5.x	163	165.5	4.15	1.11	1'784
WEA08	435'447	5'834'423	26	N163-5.x	163	165.5	4.15	1.11	1'784
WEA09	435'429	5'834'993	25	N163-5.x	163	165.5	4.15	1.11	1'784
WEA10	435'792	5'834'765	25	N163-5.x	163	165.5	4.15	1.11	1'784
WEA11	435'858	5'834'345	26	N163-5.x	163	165.5	4.15	1.11	1'784

### 4.2 Bestehende Windenergieanlagen

Als Vorbelastung werden im Folgenden die bestehenden Anlagen der Windparks Badbergen berücksichtigt. Der Beschattungsbereich der WEA des Winparks Dinklage überschneidet sich nur in einem kleinen Gebiet mit dem Beschattungsbereich der geplanten WEA. Da sich im Überschneidungsbereich keine Gebäude befinden, werden die WEA des WP Dinklage nicht als Vorbelastung berücksichtigt (siehe Abbildung A.7 in Anhang F ). In Tabelle 4.2 sind die Anlagendaten dargestellt:

**Tabelle 4.2: Koordinaten und technische Daten der benachbart bestehenden WEA**

ID	Koordinaten (UTM ETRS89 Zone 32)		Höhe ü. NN [m]	WEA – Typ	Rotordurch- messer [m]	Naben- höhe [m]	Maximale Blatttiefe [m]	Blatttiefe bei 90% Radius [m]	resultierender Beschattungsbereich gemäß WindPro [m]
	Rechtswert	Hochwert							
Bad01	434'025	5'835'619	25	N117/2400	117	141	3.49	0.89	1'486
Bad02	434'360	5'835'930	25	N117/2400	117	141	3.49	0.89	1'486
<i>Din06</i>	<i>435'984</i>	<i>5'837'737</i>	<i>25</i>	<i>E-66/18.70</i>	<i>70</i>	<i>98</i>	<i>3.3</i>	<i>1.07</i>	<i>1'486</i>
<i>Din07</i>	<i>436'326</i>	<i>5'837'742</i>	<i>25</i>	<i>E-66/18.70</i>	<i>70</i>	<i>98</i>	<i>3.3</i>	<i>1.07</i>	<i>1'486</i>
<i>Din08</i>	<i>436'295</i>	<i>5'838'152</i>	<i>25</i>	<i>E-66/18.70</i>	<i>70</i>	<i>98</i>	<i>3.3</i>	<i>1.07</i>	<i>1'486</i>

*Kursiv: unberücksichtigte WEA*

### 4.3 Immissionsorte

Die Immissionsorte werden als punktförmig und mit einer Bezugshöhe über Grund von jeweils 2 m angenommen. Koordinaten und Beschreibungen sind im Abschnitt 5.2 dargestellt.

Maßgebliche Immissionsorte gemäß [1] sind

- schutzwürdige Räume, die als
  - Wohnräume, einschließlich Wohndielen
  - Schlafräume, einschließlich Übernachtungsräume in Beherbergungsstätten und Bettenräume in Krankenhäusern und Sanatorien
  - Unterrichtsräume in Schulen, Hochschulen und ähnlichen Einrichtungen
  - Büroräume, Praxisräume, Arbeitsräume, Schulungsräume und ähnliche Arbeitsräume genutzt werden.

Direkt an Gebäuden beginnende Außenflächen (z. B. Terrassen und Balkone) sind schutzwürdigen Räumen tagsüber zwischen 6:00 - 22:00 Uhr gleichgestellt.

- unbebaute Flächen in einer Bezugshöhe von 2 m über Grund an dem am stärksten betroffenen Rand der Flächen, auf denen nach Bau- oder Planungsrecht Gebäude mit schutzwürdigen Räumen zulässig sind.

#### 4.4 Meteorologische Eingangsdaten

Für die **relative Sonnenscheinwahrscheinlichkeit** wurden die monatlichen Mittelwerte der Daten aus den Jahren 1961-1990 der meteorologischen Station Cloppenburg verwendet, die auf der Internetseite des Deutschen Wetterdienstes (DWD) [10] frei zugänglich sind.

**Tabelle 4.3: relative Sonnenwahrscheinlichkeit**

Monat	Jan	Feb	Mär	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
relative Sonnenscheinwahrscheinlichkeit [%]	16	25	29	37	41	40	37	42	36	31	21	15

Für die **Windrichtungsverteilung** wurden die langjährigen Mittelwerte der meteorologischen Messstation Diepholz 1997-2004 verwendet und durch die Software WindPro [A] für die Zusatzbelastung durch die neu geplanten WEA in Betriebsstunden pro Jahr und Sektor umgerechnet.

**Tabelle 4.4: Betriebsstunden**

Windrichtungs-sektor	N	NNO	ONO	O	OSO	SSO	S	SSW	WS W	W	WN W	NNW
Betriebsstunden pro Jahr und Sektor	347	254	368	987	625	375	745	1'078	1'231	1'180	671	432

## 5. ERGEBNISSE DER SCHATTENWURFBERECHNUNGEN

Die Ergebnisse der Berechnungen auf Basis der in Abschnitt 4 aufgeführten Eingangsdaten sind im Folgenden aufgeführt. Unter 5.1 wird dabei zunächst der Einwirkungsbereich der geplanten WEA dargestellt. Auf Basis des Einwirkungsbereiches werden dann in Abschnitt 5.2 die Immissionsorte identifiziert. Als nächstes werden in Abschnitt 5.3.1 die Vor-, Zusatz- und Gesamtbelastungen an allen Immissionsorten in je einer Übersichtstabelle für jedes Schattenwurfkriterium dargestellt. Die Abschnitte 5.3.1 bis 5.3.4 zeigen die Beschattungszeiten aller Kriterien in je einer Tabelle für Vor-, Zusatz- und Gesamtbelastung. In Kapitel 5.4 folgen dann graphische Darstellungen des Schattenwurfs am Standort Bünne-Wehdel.

### 5.1 Einwirkungsbereich der WEA

In den folgenden Schattenwurfkarten wird jeweils der Verlauf der 30 Std.-pro-Jahr oder der 30 Min.-pro-Tag-Linie der zu erwartenden, astronomisch möglichen Beschattungszeiten für die Zusatzbelastung durch die geplanten WEA in schwarz dargestellt. Außerhalb dieser Linien ist keine Überschreitung des jeweiligen Richtwertes durch die geplanten WEA zu erwarten.

In blau ist jeweils die Grenze des Beschattungsbereiches durch die geplanten WEA dargestellt. Außerhalb dieser Linien ist kein beweglicher Schattenwurf durch die geplanten WEA zu erwarten.

Ein Schattenwurfraster wurde mit einer örtlichen Auflösung von 20 m und zeitlichen Schrittweiten von 7 Tagen und 3 Minuten berechnet. Aus den so gewonnenen Daten interpoliert die Software WindPro die Isolinien, die in Abbildung 2 und Abbildung 3 dargestellt sind.

Anhand der nachfolgenden Karten lassen sich somit diejenigen Gebäude identifizieren, die als Immissionsorte in den folgenden Berechnungen berücksichtigt werden müssen.

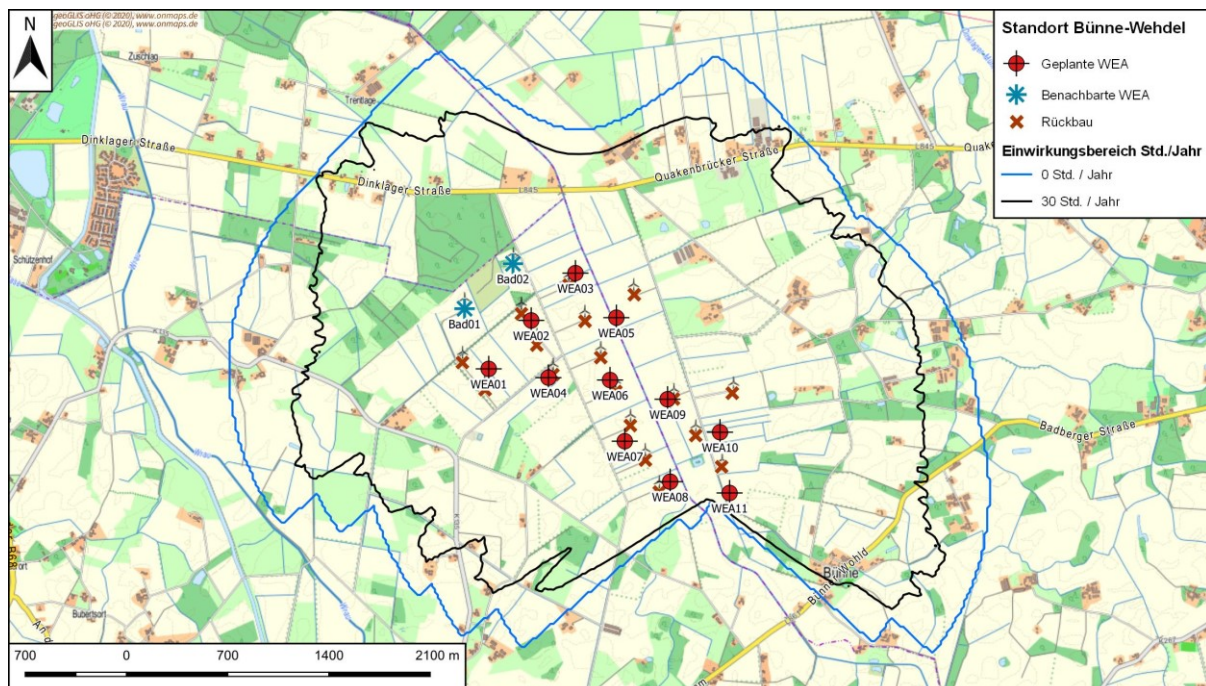


Abbildung 2: Einwirkungsbereich Schattenwurf, Kriterium Stunden pro Jahr

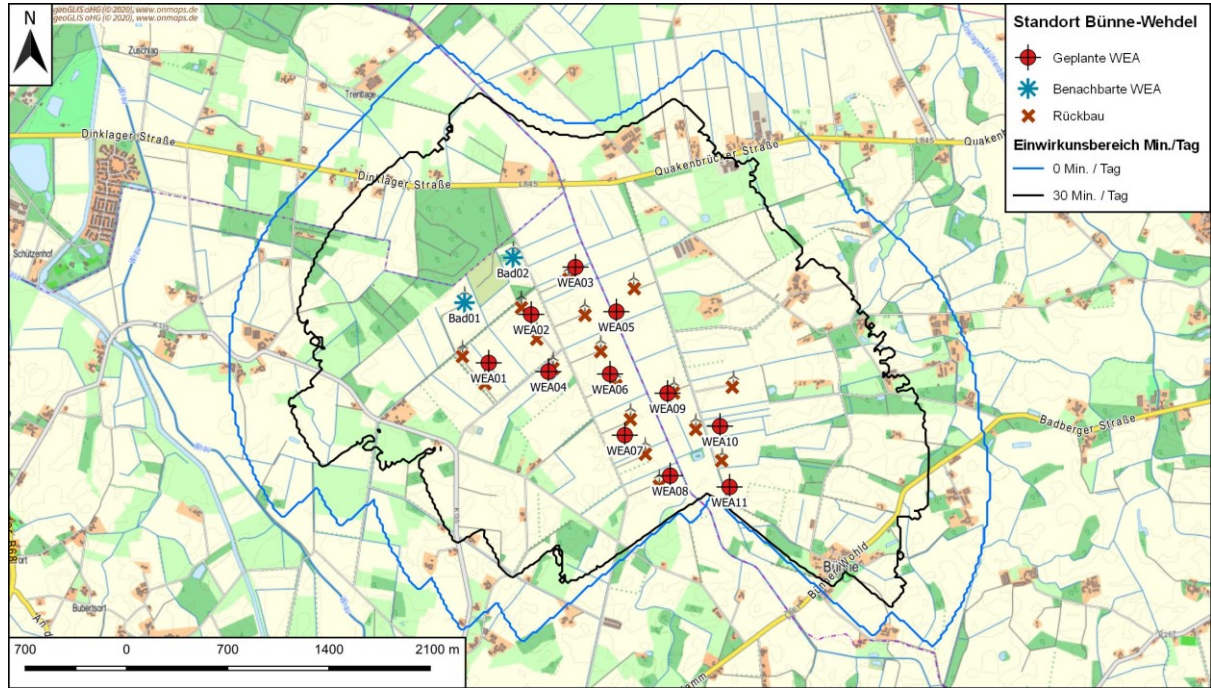


Abbildung 3: Einwirkungsbereich Schattenwurf, Kriterium Minuten pro Tag

## 5.2 Immissionsorte

Für die Berechnung des Schattenwurfs wurden insgesamt 80 Immissionsorte (IO) in der Nachbarschaft der geplanten WEA festgelegt.

Aus Gründen der Übersichtlichkeit werden in diesem Bericht nur diejenigen Gebäude als Immissionsorte berücksichtigt, für die im Rahmen einer Vorabberechnung Überschreitungen oder Ausschöpfung eines oder beider empfohlener Richtwerte festgestellt wurde. Die Darstellung detaillierter Ergebnisse in Form von Grafiken und Kalendern wurde auf 29 exemplarisch ausgewählte IO beschränkt. Die Auswahl erfolgte so, dass verschiedene Bereiche der von Schattenwurf betroffenen Gebiete durch die exemplarischen IO repräsentiert werden.

Die Häufigkeit des beweglichen Schattenwurfs hängt nicht allein von der Entfernung eines Immissionsortes, sondern auch von der Richtung des Immissionsortes zur jeweiligen WEA ab.

Für die betreffenden Immissionsorte wurden die Berechnungen jeweils für diejenige Ecke der Gebäude auf Kartengrundlage durchgeführt, für die aufgrund Ihrer Entfernung und Richtung zur WEA die größte Schattenwurfhäufigkeit durch die Zusatzbelastung zu erwarten ist.

In diesem Zusammenhang ist zu beachten, dass als Immissionsorte Wohn- und Arbeitsgebäude betrachtet wurden, die Fenster aufweisen und somit für die vorliegende Schattenwurfprognose relevant sind. Es ist anzumerken, dass eine Detailbegutachtung eines jeden Gebäudes (z.B. im Hinblick auf die genaue Lage und Ausrichtung der Fenster, etc.) den Rahmen der Ortsbegehung übersteigt. Es muss daher davon ausgegangen werden, dass die unten angegebenen Koordinaten nicht immer die hinsichtlich des Schattenwurfes relevante Fassade des jeweiligen Gebäudes wiedergeben. Entsprechend sind auch die Berechnungsergebnisse mit Ungenauigkeiten behaftet.

Bei IO 35 (Bünner Wohld 21B) handelt es sich um einen Neubau, für den bei Ertstellung des ersten Entwurfes noch keine Gebäudeumringe in den verwendeten Atkis-Karten eingepflegt waren. Daher wurde die Koordinate für diesen IO zunächst anhand von Luftbildern abgeschätzt. In der Zwischenzeit wurden die Gebäudeumringe dieses IO in den Atkis-Karten eingepflegt, sodass exakte Koordinaten vorliegen. Die Koordinaten decken sich mit den in dieser Prognose verwendeten Daten. Die ermittelten Schattenwurfzeiten bleiben daher unverändert.

Die Berechnung der Schattenwurfzeiten wurde für die betreffenden Immissionsorte jeweils für eine Referenzhöhe von 2 m über dem Boden durchgeführt. Dies erfolgte mit einer höheren Auflösung als bei der Erstellung der Schattenwurfkarten in Abschnitt 5.1. Der Schattenwurf wurde für die den geplanten Windenergieanlagen nächstgelegene Ecke des Gebäudes mit zeitlichen Schrittweiten von 1 Tag und 1 Minute berechnet.

Die Lagekoordinaten und weitere Angaben über die gewählten Immissionsorte enthält Tabelle 5.1, die 29 exemplarisch ausgewählten IO werden in fester Schrift hervorgehoben. In Abbildung 4 sind die Positionen der erfassten Immissionsorte und die WEA-Standorte dargestellt. Die Ergebnisse der durchgeführten Berechnungen sind für alle berücksichtigten Immissionsorte (IO) in den folgenden Abschnitten aufgeführt.



Tabelle 5.1: Übersicht Immissionsorte 1-40

IO-Nr.	Koordinaten (UTM ETRS89 Zone 32)		Höhe ü. NN [m]	Bezeichnung / Beschreibung	Immissions- orthöhe [m]
	Rechtswert	Hochwert			
1	435'063	5'836'670	26	Wulfenauer Mark 2	2 m
2	435'207	5'836'731	26	Wulfenauer Mark 1	2 m
<b>3</b>	<b>435'259</b>	<b>5'836'713</b>	<b>26</b>	<b>Wulfenauer Mark 1 ost</b>	<b>2 m</b>
4	435'365	5'836'747	26	Quakenbrücker Straße 108	2 m
<b>5</b>	<b>435'316</b>	<b>5'836'250</b>	<b>26</b>	<b>Bünner Wohld 12</b>	<b>2 m</b>
6	435'533	5'836'805	26	Mühlenstraße 1	2 m
7	435'523	5'836'769	26	Mühlenstraße 1A	2 m
8	435'622	5'836'615	26	Quakenbrücker Straße 107	2 m
<b>9</b>	<b>435'794</b>	<b>5'836'577</b>	<b>26</b>	<b>Quakenbrücker Straße 106</b>	<b>2 m</b>
10	435'851	5'836'668	26	Quakenbrücker Straße 105	2 m
11	435'927	5'836'682	26	Quakenbrücker Straße 102	2 m
12	435'993	5'836'702	26	Quakenbrücker Straße 101	2 m
13	436'057	5'836'708	26	Quakenbrücker Straße 99	2 m
14	436'084	5'836'718	26	Quakenbrücker Straße 100	2 m
15	436'169	5'836'737	26	Quakenbrücker Straße 98	2 m
<b>16</b>	<b>435'686</b>	<b>5'835'976</b>	<b>26</b>	<b>Bünner Wohld 10</b>	<b>2 m</b>
17	435'719	5'835'945	26	Bünner Wohld 9	2 m
18	435'734	5'835'605	26	Bünner Wohld 7	2 m
<b>19</b>	<b>435'679</b>	<b>5'835'550</b>	<b>26</b>	<b>Bünner Wohld 8</b>	<b>2 m</b>
20	436'376	5'835'715	26	Bünner Wohld 6	2 m
21	436'342	5'835'694	26	Bünner Wohld 5	2 m
<b>22</b>	<b>436'298</b>	<b>5'835'648</b>	<b>26</b>	<b>Bünner Wohld 4</b>	<b>2 m</b>
<b>23</b>	<b>436'322</b>	<b>5'835'450</b>	<b>26</b>	<b>Bünner Wohld 3</b>	<b>2 m</b>
24	436'513	5'835'429	26	Bünner Wohld 1	2 m
<b>25</b>	<b>436'757</b>	<b>5'835'435</b>	<b>26</b>	<b>Bünner Ringstraße 50</b>	<b>2 m</b>
26	436'394	5'835'367	26	Bünner Wohld 2A	2 m
<b>27</b>	<b>436'394</b>	<b>5'835'347</b>	<b>26</b>	<b>Bünner Wohld 2</b>	<b>2 m</b>
28	436'949	5'835'049	26	Bünner Ringstraße 53	2 m
29	436'500	5'835'063	26	Bünner Ringstraße 55	2 m
<b>30</b>	<b>436'369</b>	<b>5'835'049</b>	<b>26</b>	<b>Bünner Ringstraße 56</b>	<b>2 m</b>
<b>31</b>	<b>436'634</b>	<b>5'834'836</b>	<b>26</b>	<b>Bünner Ringstraße 54</b>	<b>2 m</b>
<b>32</b>	<b>437'033</b>	<b>5'834'683</b>	<b>26</b>	<b>Badberger Straße 13</b>	<b>2 m</b>
33	437'043	5'834'366	26	Badberger Straße 18	2 m
<b>34</b>	<b>436'906</b>	<b>5'834'192</b>	<b>26</b>	<b>Badberger Straße 19</b>	<b>2 m</b>
35	436'917	5'833'887	26	Bünner Wohld 21B	2 m
<b>36</b>	<b>436'839</b>	<b>5'833'859</b>	<b>26</b>	<b>Bünner Wohld 21A</b>	<b>2 m</b>
37	436'750	5'833'887	26	Bünner Wohld 20	2 m
38	436'770	5'833'835	26	Bünner Wohld 21	2 m
39	436'685	5'833'896	27	Bünner Wohld 22	2 m
<b>40</b>	<b>436'576</b>	<b>5'833'920</b>	<b>27</b>	<b>Bünner Wohld 23</b>	<b>2 m</b>

Tabelle 5.2: Übersicht Immissionsorte 41-80

IO-Nr.	Koordinaten (UTM ETRS89 Zone 32)		Höhe ü. NN [m]	Bezeichnung / Beschreibung	Immissions- orthöhe [m]
	Rechtswert	Hochwert			
41	436'638	5'833'849	26	Bünner Wohld 24A	2 m
42	436'612	5'833'825	26	Bünner Wohld 24	2 m
43	436'556	5'833'863	26	Bünner Wohld 25B	2 m
44	436'588	5'833'836	26	Bünner Wohld 25	2 m
45	436'568	5'833'848	26	Bünner Wohld 25A	2 m
46	436'628	5'833'768	26	Bünner Wohld 29	2 m
47	436'567	5'833'774	26	Bünner Wohld 27	2 m
<b>48</b>	<b>436'479</b>	<b>5'833'844</b>	<b>26</b>	<b>Bünner Wohld 28</b>	<b>2 m</b>
49	436'514	5'833'801	26	Bünner Wohld 30A	2 m
50	436'537	5'833'755	26	Bünner Wohld 31A	2 m
51	436'520	5'833'765	26	Bünner Wohld 31	2 m
52	436'453	5'833'799	26	Bünner Wohld 33	2 m
<b>53</b>	<b>436'507</b>	<b>5'833'723</b>	<b>26</b>	<b>Bünner Wohld 32</b>	<b>2 m</b>
<b>54</b>	<b>434'434</b>	<b>5'834'143</b>	<b>26</b>	<b>Fresenweg 8c</b>	<b>2 m</b>
<b>55</b>	<b>434'537</b>	<b>5'834'525</b>	<b>26</b>	<b>Fresenweg 67</b>	<b>2 m</b>
56	434'492	5'834'478	26	Triftweg 64	2 m
57	434'393	5'834'449	26	Triftweg 74	2 m
58	433'883	5'834'051	26	Zum Kamp 6C	2 m
<b>59</b>	<b>433'830</b>	<b>5'834'665</b>	<b>26</b>	<b>Lechterker Straße 23</b>	<b>2 m</b>
<b>60</b>	<b>433'592</b>	<b>5'834'780</b>	<b>25</b>	<b>Lechterker Straße 70</b>	<b>2 m</b>
61	433'559	5'834'789	25	Lechterker Straße 69	2 m
62	433'465	5'834'816	25	Lechterker Straße 68	2 m
63	433'535	5'834'889	25	Im Großen Felde 77	2 m
64	433'565	5'834'912	25	Im Großen Felde 72	2 m
65	433'586	5'834'926	25	Im Großen Felde 41	2 m
<b>66</b>	<b>433'602</b>	<b>5'834'940</b>	<b>25</b>	<b>Im Großen Felde 78</b>	<b>2 m</b>
<b>67</b>	<b>433'273</b>	<b>5'834'912</b>	<b>25</b>	<b>Lechterker Straße 43</b>	<b>2 m</b>
<b>68</b>	<b>432'766</b>	<b>5'835'269</b>	<b>26</b>	<b>Wohldstraße 7</b>	<b>2 m</b>
<b>69</b>	<b>432'873</b>	<b>5'836'087</b>	<b>25</b>	<b>Trentlager Weg 29</b>	<b>2 m</b>
70	433'115	5'836'461	25	Dinklager Straße 53	2 m
71	433'277	5'836'424	25	Dinklager Straße 55	2 m
72	433'204	5'836'523	25	Dinklager Straße 56	2 m
<b>73</b>	<b>433'451</b>	<b>5'836'363</b>	<b>25</b>	<b>Dinklager Straße 57</b>	<b>2 m</b>
74	433'292	5'836'506	25	Dinklager Straße 58	2 m
75	433'519	5'836'467	25	Dinklager Straße 60	2 m
<b>76</b>	<b>433'820</b>	<b>5'836'493</b>	<b>25</b>	<b>Dinklager Straße 64</b>	<b>2 m</b>
77	434'308	5'836'510	25	Dinklager Straße 70	2 m
<b>78</b>	<b>434'423</b>	<b>5'836'497</b>	<b>25</b>	<b>Dinklager Straße 72</b>	<b>2 m</b>
79	434'623	5'836'487	26	Dinklager Straße 74	2 m
<b>80</b>	<b>435'015</b>	<b>5'836'456</b>	<b>26</b>	<b>Quakenbrücker Straße 109</b>	<b>2 m</b>

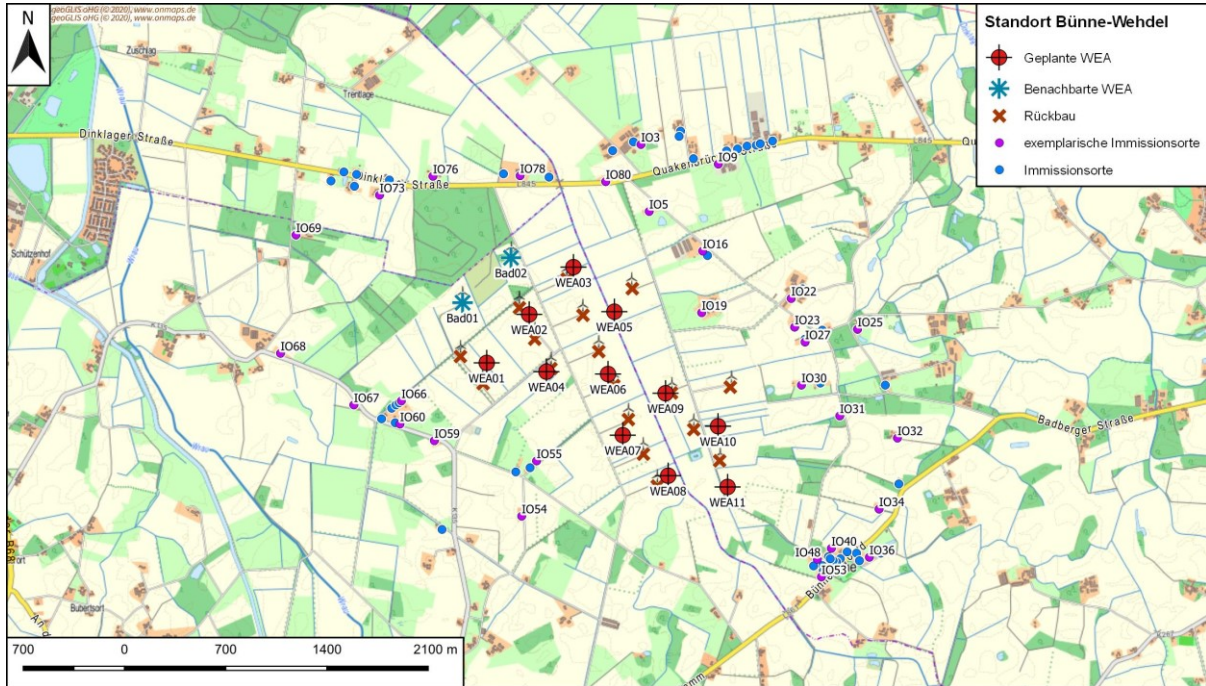


Abbildung 4: Lage der betrachteten Immissionsorte und der WEA am Standort Bünne-Wehdel

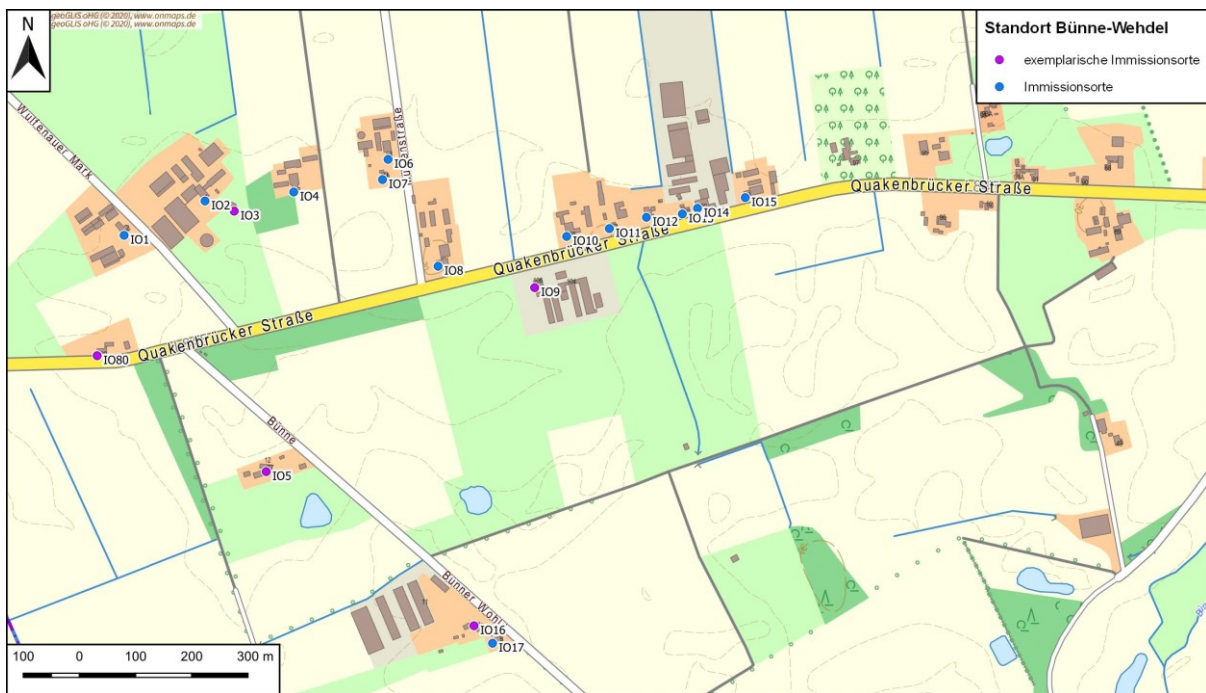


Abbildung 5: Lage der betrachteten Immissionsorte, Detailansicht IO 1-IO 17, IO 80

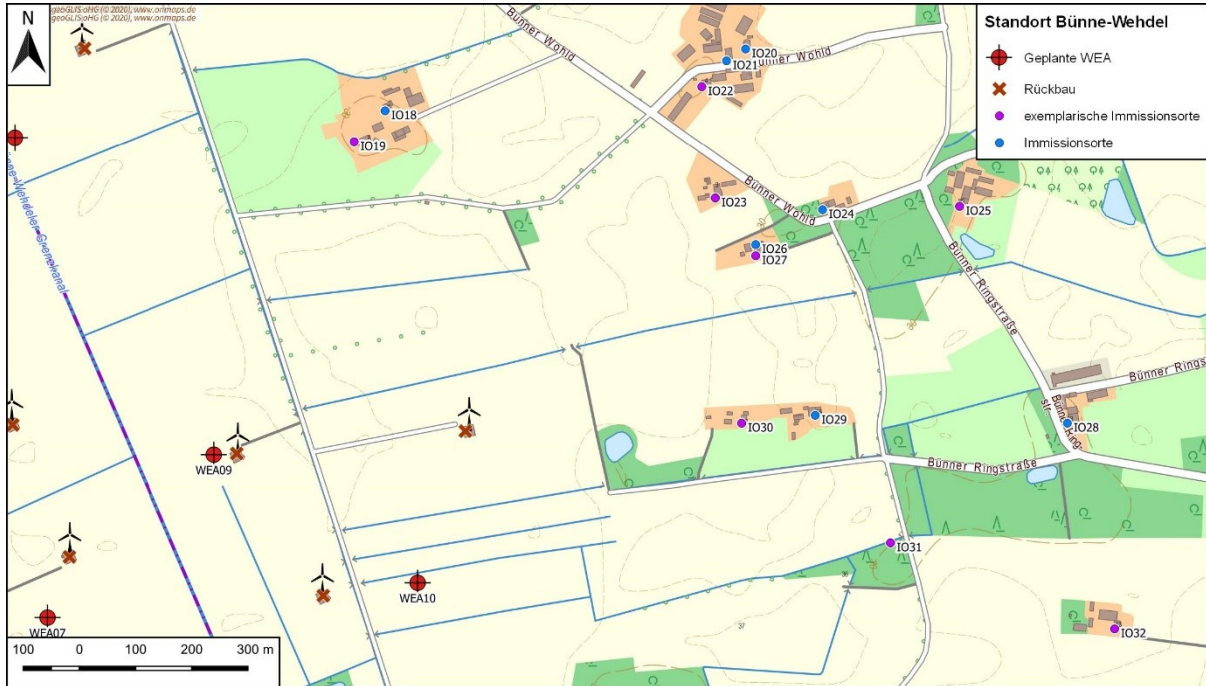


Abbildung 6: Lage der betrachteten Immissionsorte, Detailansicht IO 18-IO 32

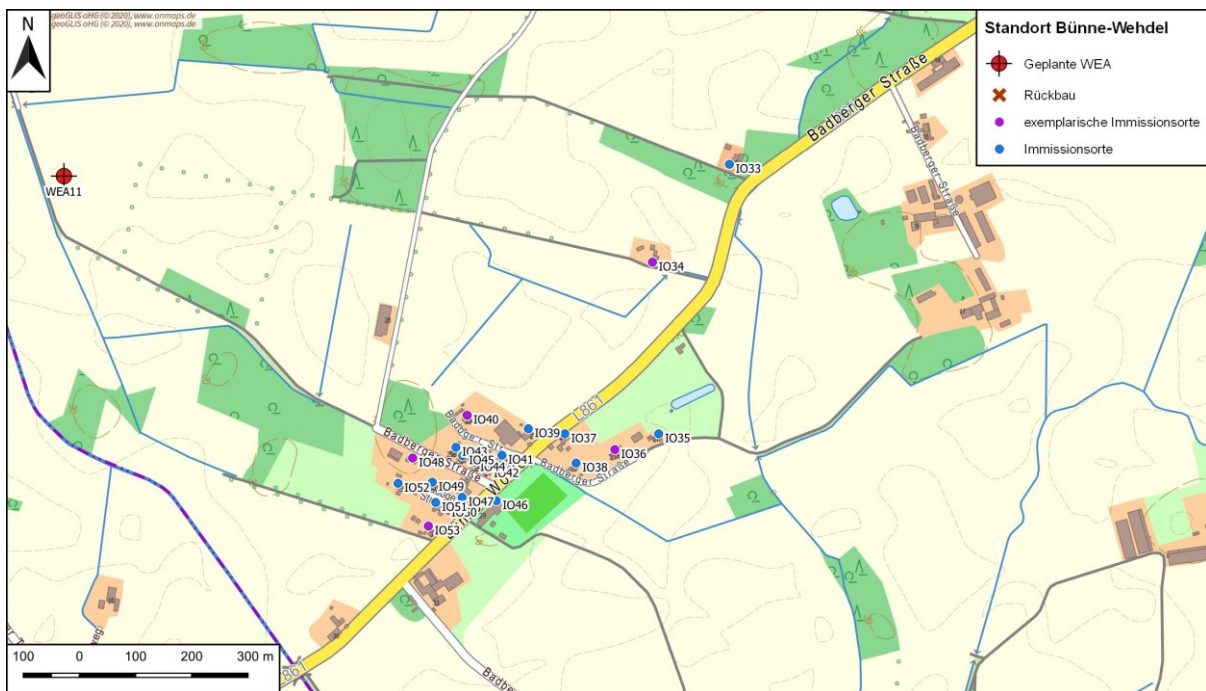


Abbildung 7: Lage der betrachteten Immissionsorte, Detailansicht IO 33-IO 53

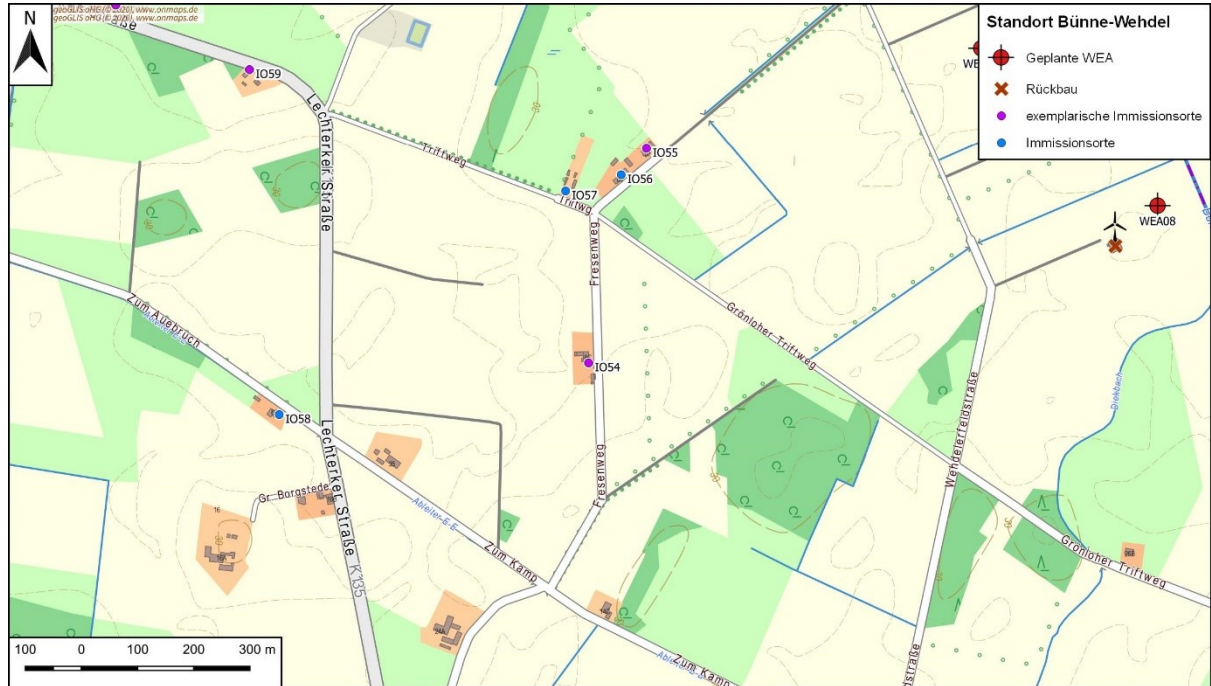


Abbildung 8: Lage der betrachteten Immissionsorte, Detailansicht IO 54-IO 59



Abbildung 9: Lage der betrachteten Immissionsorte, Detailansicht IO 59-IO 68

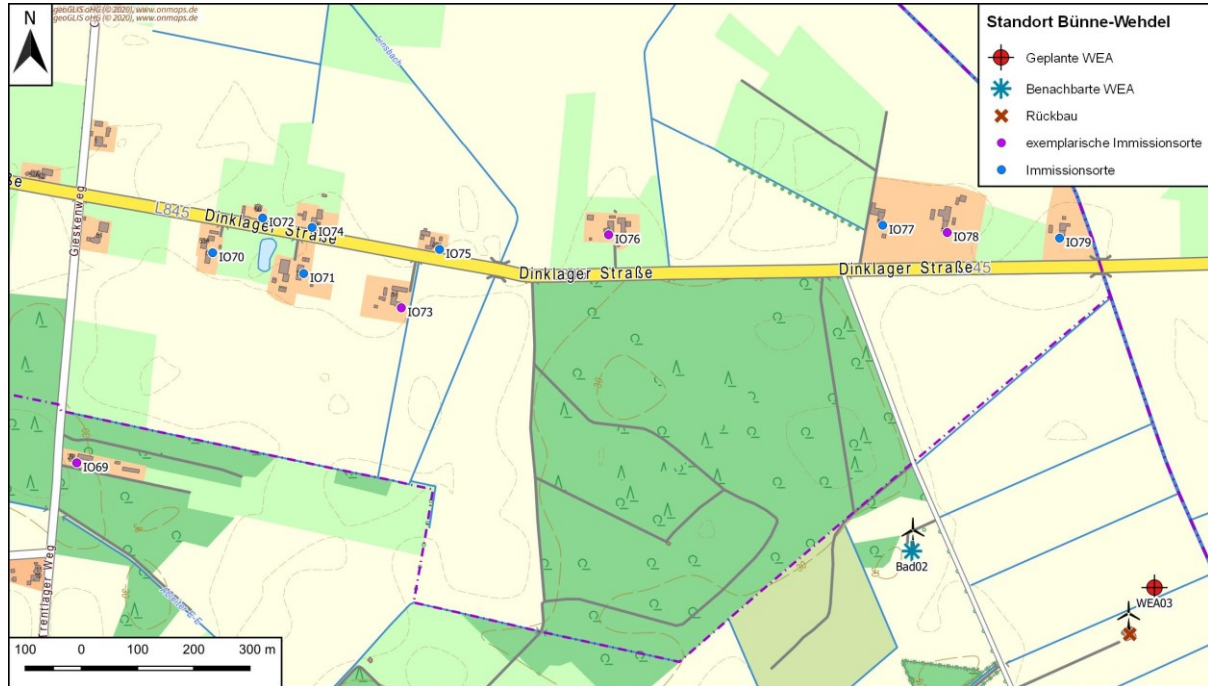


Abbildung 10: Lage der betrachteten Immissionsorte, Detailansicht IO 69-IO 79

### 5.3 Tabellarische Zusammenfassung der Berechnungsergebnisse

Im Folgenden werden Vor-, Zusatz- und Gesamtbelastungen an allen Immissionsorten zunächst in je einer Übersichtstabelle für verschiedene Schattenwurfkriterien dargestellt. In den Abschnitten 5.3.2 bis 5.3.4 folgen dann Übersichtstabellen für alle Schattenwurfkriterien getrennt nach Vor-, Zusatz und Gesamtbelastung. Überschreitungen eines gemäß [1] empfohlenen Richtwertes sind dabei rot markiert.

#### 5.3.1 Schattenwurfzeiten für Vor-, Zusatz- und Gesamtbelastung, Übersicht je Kriterium

In den folgenden Übersichtstabellen sind die Zeiten für Vor-, Zusatz- und Gesamtbelastung jeweils für die Kriterien "Mögliche Beschattungstage pro Jahr", "Astronomisch mögliche Beschattungszeiten [Std. pro Jahr]", "Meteorologisch wahrscheinliche Beschattungszeiten [Std. pro Jahr]" und maximal mögliche Beschattungszeit an einem Beschattungstag [Stunden pro Tag] dargestellt. Überschreitungen der jeweiligen Richtwerte sind dabei rot markiert. Die empfohlenen Richtwerte gemäß [1] beziehen sich dabei nur auf die beiden Kriterien "Astronomisch mögliche Beschattungszeiten [Std. pro Jahr]" und "maximal mögliche Beschattungszeit an einem Beschattungstag [Stunden pro Tag]".

**Tabelle 5.3: Mögliche Beschattungstage pro Jahr Immissionsorte 1-40**

Mögliche Beschattungstage pro Jahr			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO1 Wulfenauer Mark 2	89	65	89
IO2 Wulfenauer Mark 1	50	65	91
<b>IO3 Wulfenauer Mark 1 ost</b>	<b>43</b>	<b>73</b>	<b>96</b>
IO4 Quakenbrücker Straße 108	38	75	97
<b>IO5 Bünner Wohld 12</b>	<b>60</b>	<b>166</b>	<b>170</b>
IO6 Mühlenstraße 1	32	79	99
IO7 Mühlenstraße 1A	32	83	103
IO8 Quakenbrücker Straße 107	26	110	125
<b>IO9 Quakenbrücker Straße 106</b>	<b>0</b>	<b>123</b>	<b>123</b>
IO10 Quakenbrücker Straße 105	0	114	114
IO11 Quakenbrücker Straße 102	0	105	105
IO12 Quakenbrücker Straße 101	0	103	103
IO13 Quakenbrücker Straße 99	0	105	105
IO14 Quakenbrücker Straße 100	0	107	107
IO15 Quakenbrücker Straße 98	0	106	106
<b>IO16 Bünner Wohld 10</b>	<b>26</b>	<b>218</b>	<b>218</b>
IO17 Bünner Wohld 9	26	220	220
IO18 Bünner Wohld 7	29	305	305
<b>IO19 Bünner Wohld 8</b>	<b>31</b>	<b>356</b>	<b>356</b>
IO20 Bünner Wohld 6	0	214	214
IO21 Bünner Wohld 5	0	219	219
<b>IO22 Bünner Wohld 4</b>	<b>0</b>	<b>232</b>	<b>232</b>
<b>IO23 Bünner Wohld 3</b>	<b>0</b>	<b>250</b>	<b>250</b>
IO24 Bünner Wohld 1	0	242	242
<b>IO25 Bünner Ringstraße 50</b>	<b>0</b>	<b>211</b>	<b>211</b>
IO26 Bünner Wohld 2A	0	255	255
<b>IO27 Bünner Wohld 2</b>	<b>0</b>	<b>258</b>	<b>258</b>
IO28 Bünner Ringstraße 53	0	127	127
IO29 Bünner Ringstraße 55	0	261	261
<b>IO30 Bünner Ringstraße 56</b>	<b>0</b>	<b>313</b>	<b>313</b>
<b>IO31 Bünner Ringstraße 54</b>	<b>0</b>	<b>207</b>	<b>207</b>
<b>IO32 Badberger Straße 13</b>	<b>0</b>	<b>101</b>	<b>101</b>
IO33 Badberger Straße 18	0	91	91
<b>IO34 Badberger Straße 19</b>	<b>0</b>	<b>133</b>	<b>133</b>
IO35 Bünner Wohld 21B	0	114	114
<b>IO36 Bünner Wohld 21A</b>	<b>0</b>	<b>105</b>	<b>105</b>
IO37 Bünner Wohld 20	0	103	103
IO38 Bünner Wohld 21	0	97	97
IO39 Bünner Wohld 22	0	100	100
<b>IO40 Bünner Wohld 23</b>	<b>0</b>	<b>95</b>	<b>95</b>

**Tabelle 5.4: Mögliche Beschattungstage pro Jahr Immissionsorte 41-80**

Mögliche Beschattungstage pro Jahr			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO41 Bünner Wohld 24A	0	88	88
IO42 Bünner Wohld 24	0	82	82
IO43 Bünner Wohld 25B	0	83	83
IO44 Bünner Wohld 25	0	81	81
IO45 Bünner Wohld 25A	0	81	81
IO46 Bünner Wohld 29	0	74	74
IO47 Bünner Wohld 27	0	67	67
<b>IO48 Bünner Wohld 28</b>	<b>0</b>	<b>70</b>	<b>70</b>
IO49 Bünner Wohld 30A	0	66	66
IO50 Bünner Wohld 31A	0	59	59
IO51 Bünner Wohld 31	0	59	59
IO52 Bünner Wohld 33	0	55	55
<b>IO53 Bünner Wohld 32</b>	<b>0</b>	<b>47</b>	<b>47</b>
<b>IO54 Fresenweg 8c</b>	<b>0</b>	<b>133</b>	<b>133</b>
<b>IO55 Fresenweg 67</b>	<b>0</b>	<b>197</b>	<b>197</b>
IO56 Triftweg 64	0	191	191
IO57 Triftweg 74	0	187	187
IO58 Zum Kamp 6C	0	110	110
<b>IO59 Lechterker Straße 23</b>	<b>0</b>	<b>195</b>	<b>195</b>
<b>IO60 Lechterker Straße 70</b>	<b>0</b>	<b>162</b>	<b>162</b>
IO61 Lechterker Straße 69	0	162	162
IO62 Lechterker Straße 68	0	170	170
IO63 Im Großen Felde 77	0	176	176
IO64 Im Großen Felde 72	0	178	178
IO65 Im Großen Felde 41	0	180	180
<b>IO66 Im Großen Felde 78</b>	<b>0</b>	<b>180</b>	<b>180</b>
<b>IO67 Lechterker Straße 43</b>	<b>0</b>	<b>154</b>	<b>154</b>
<b>IO68 Wohldstraße 7</b>	<b>34</b>	<b>64</b>	<b>94</b>
<b>IO69 Trentlager Weg 29</b>	<b>29</b>	<b>64</b>	<b>71</b>
IO70 Dinklager Straße 53	69	129	152
IO71 Dinklager Straße 55	88	131	155
IO72 Dinklager Straße 56	94	121	148
<b>IO73 Dinklager Straße 57</b>	<b>118</b>	<b>149</b>	<b>159</b>
IO74 Dinklager Straße 58	105	122	148
IO75 Dinklager Straße 60	97	135	150
<b>IO76 Dinklager Straße 64</b>	<b>60</b>	<b>138</b>	<b>138</b>
IO77 Dinklager Straße 70	75	112	112
<b>IO78 Dinklager Straße 72</b>	<b>77</b>	<b>107</b>	<b>107</b>
IO79 Dinklager Straße 74	89	97	97
<b>IO80 Quakenbrücker Straße 109</b>	<b>68</b>	<b>105</b>	<b>123</b>

Die möglichen Beschattungstage pro Jahr stellen nicht die Basis für einen der in [1] empfohlenen Richtwerte dar, daher wurden innerhalb dieser Tabelle keine Überschreitungen markiert.



**Tabelle 5.5: Astronomisch mögliche Beschattungszeiten [Stunden pro Jahr] Immissionsorte 1-40**

Astronomisch mögliche Beschattungszeiten [Stunden pro Jahr]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO1 Wulfenauer Mark 2	29:50	51:56	81:46
IO2 Wulfenauer Mark 1	15:22	48:33	63:55
<b>IO3 Wulfenauer Mark 1 ost</b>	<b>13:09</b>	<b>54:06</b>	<b>67:15</b>
IO4 Quakenbrücker Straße 108	10:42	49:51	60:33
<b>IO5 Bünner Wohld 12</b>	<b>18:14</b>	<b>169:53</b>	<b>188:07</b>
IO6 Mühlenstraße 1	8:07	42:30	50:37
IO7 Mühlenstraße 1A	8:06	45:08	53:14
IO8 Quakenbrücker Straße 107	6:47	51:11	57:58
<b>IO9 Quakenbrücker Straße 106</b>	<b>0:00</b>	<b>57:31</b>	<b>57:31</b>
IO10 Quakenbrücker Straße 105	0:00	47:31	47:31
IO11 Quakenbrücker Straße 102	0:00	41:31	41:31
IO12 Quakenbrücker Straße 101	0:00	40:10	40:10
IO13 Quakenbrücker Straße 99	0:00	39:38	39:38
IO14 Quakenbrücker Straße 100	0:00	38:58	38:58
IO15 Quakenbrücker Straße 98	0:00	36:10	36:10
<b>IO16 Bünner Wohld 10</b>	<b>6:52</b>	<b>161:36</b>	<b>167:39</b>
IO17 Bünner Wohld 9	6:33	164:50	169:58
IO18 Bünner Wohld 7	7:07	302:40	305:56
<b>IO19 Bünner Wohld 8</b>	<b>8:03</b>	<b>389:12</b>	<b>394:25</b>
IO20 Bünner Wohld 6	0:00	104:16	104:16
IO21 Bünner Wohld 5	0:00	110:16	110:16
<b>IO22 Bünner Wohld 4</b>	<b>0:00</b>	<b>129:18</b>	<b>129:18</b>
<b>IO23 Bünner Wohld 3</b>	<b>0:00</b>	<b>162:27</b>	<b>162:27</b>
IO24 Bünner Wohld 1	0:00	119:42	119:42
<b>IO25 Bünner Ringstraße 50</b>	<b>0:00</b>	<b>91:58</b>	<b>91:58</b>
IO26 Bünner Wohld 2A	0:00	146:12	146:12
<b>IO27 Bünner Wohld 2</b>	<b>0:00</b>	<b>149:08</b>	<b>149:08</b>
IO28 Bünner Ringstraße 53	0:00	51:46	51:46
IO29 Bünner Ringstraße 55	0:00	157:33	157:33
<b>IO30 Bünner Ringstraße 56</b>	<b>0:00</b>	<b>224:12</b>	<b>224:12</b>
<b>IO31 Bünner Ringstraße 54</b>	<b>0:00</b>	<b>117:11</b>	<b>117:11</b>
<b>IO32 Badberger Straße 13</b>	<b>0:00</b>	<b>49:49</b>	<b>49:49</b>
IO33 Badberger Straße 18	0:00	48:04	48:04
<b>IO34 Badberger Straße 19</b>	<b>0:00</b>	<b>68:48</b>	<b>68:48</b>
IO35 Bünner Wohld 21B	0:00	49:41	49:41
<b>IO36 Bünner Wohld 21A</b>	<b>0:00</b>	<b>55:15</b>	<b>55:15</b>
IO37 Bünner Wohld 20	0:00	57:58	57:58
IO38 Bünner Wohld 21	0:00	51:46	51:46
IO39 Bünner Wohld 22	0:00	62:13	62:13
<b>IO40 Bünner Wohld 23</b>	<b>0:00</b>	<b>62:05</b>	<b>62:05</b>

**Tabelle 5.6: Astronomisch mögliche Beschattungszeiten [Stunden pro Jahr] Immissionsorte 41-80**

Astronomisch mögliche Beschattungszeiten [Stunden pro Jahr]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO41 Bünner Wohld 24A	0:00	55:01	55:01
IO42 Bünner Wohld 24	0:00	50:22	50:22
IO43 Bünner Wohld 25B	0:00	54:05	54:05
IO44 Bünner Wohld 25	0:00	51:12	51:12
IO45 Bünner Wohld 25A	0:00	52:19	52:19
IO46 Bünner Wohld 29	0:00	43:05	43:05
IO47 Bünner Wohld 27	0:00	39:38	39:38
<b>IO48 Bünner Wohld 28</b>	<b>0:00</b>	<b>45:21</b>	<b>45:21</b>
IO49 Bünner Wohld 30A	0:00	39:51	39:51
IO50 Bünner Wohld 31A	0:00	32:52	32:52
IO51 Bünner Wohld 31	0:00	32:55	32:55
IO52 Bünner Wohld 33	0:00	31:44	31:44
<b>IO53 Bünner Wohld 32</b>	<b>0:00</b>	<b>21:53</b>	<b>21:53</b>
<b>IO54 Fresenweg 8c</b>	<b>0:00</b>	<b>68:19</b>	<b>68:19</b>
<b>IO55 Fresenweg 67</b>	<b>0:00</b>	<b>177:47</b>	<b>177:47</b>
IO56 Triftweg 64	0:00	156:31	156:31
IO57 Triftweg 74	0:00	147:03	147:03
IO58 Zum Kamp 6C	0:00	42:23	42:23
<b>IO59 Lechterker Straße 23</b>	<b>0:00</b>	<b>74:22</b>	<b>74:22</b>
<b>IO60 Lechterker Straße 70</b>	<b>0:00</b>	<b>89:34</b>	<b>89:34</b>
IO61 Lechterker Straße 69	0:00	77:03	77:03
IO62 Lechterker Straße 68	0:00	84:45	84:45
IO63 Im Großen Felde 77	0:00	103:18	103:18
IO64 Im Großen Felde 72	0:00	108:48	108:48
IO65 Im Großen Felde 41	0:00	111:22	111:22
<b>IO66 Im Großen Felde 78</b>	<b>0:00</b>	<b>115:56</b>	<b>115:56</b>
<b>IO67 Lechterker Straße 43</b>	<b>0:00</b>	<b>101:46</b>	<b>101:46</b>
<b>IO68 Wohldstraße 7</b>	<b>9:16</b>	<b>19:54</b>	<b>29:10</b>
<b>IO69 Trentlager Weg 29</b>	<b>7:59</b>	<b>19:28</b>	<b>25:25</b>
IO70 Dinklager Straße 53	19:24	41:57	60:00
IO71 Dinklager Straße 55	27:56	46:08	72:54
IO72 Dinklager Straße 56	26:30	39:23	65:26
<b>IO73 Dinklager Straße 57</b>	<b>46:20</b>	<b>72:27</b>	<b>111:06</b>
IO74 Dinklager Straße 58	34:17	40:10	71:28
IO75 Dinklager Straße 60	38:01	61:34	93:57
<b>IO76 Dinklager Straße 64</b>	<b>27:32</b>	<b>69:17</b>	<b>96:49</b>
IO77 Dinklager Straße 70	52:17	89:33	137:37
<b>IO78 Dinklager Straße 72</b>	<b>64:10</b>	<b>107:47</b>	<b>171:57</b>
IO79 Dinklager Straße 74	84:13	129:33	213:46
<b>IO80 Quakenbrücker Straße 109</b>	<b>27:00</b>	<b>149:54</b>	<b>176:54</b>

**Tabelle 5.7: Meteorologisch wahrscheinliche Beschattungszeiten [Stunden pro Jahr]  
Immissionsorte 1-40**

Meteorologisch wahrscheinliche Beschattungszeiten [Stunden pro Jahr]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO1 Wulfenauer Mark 2	3:29	5:03	8:34
IO2 Wulfenauer Mark 1	1:56	4:55	6:51
<b>IO3 Wulfenauer Mark 1 ost</b>	<b>1:45</b>	<b>5:39</b>	<b>7:23</b>
IO4 Quakenbrücker Straße 108	1:27	5:20	6:47
<b>IO5 Bünner Wohld 12</b>	<b>3:33</b>	<b>22:52</b>	<b>26:20</b>
IO6 Mühlenstraße 1	1:09	4:39	5:48
IO7 Mühlenstraße 1A	1:11	4:59	6:10
IO8 Quakenbrücker Straße 107	1:15	6:17	7:31
<b>IO9 Quakenbrücker Straße 106</b>	<b>0:00</b>	<b>7:28</b>	<b>7:26</b>
IO10 Quakenbrücker Straße 105	0:00	5:57	5:56
IO11 Quakenbrücker Straße 102	0:00	5:14	5:13
IO12 Quakenbrücker Straße 101	0:00	5:04	5:03
IO13 Quakenbrücker Straße 99	0:00	5:02	5:01
IO14 Quakenbrücker Straße 100	0:00	4:57	4:56
IO15 Quakenbrücker Straße 98	0:00	4:37	4:36
<b>IO16 Bünner Wohld 10</b>	<b>1:28</b>	<b>26:45</b>	<b>27:58</b>
IO17 Bünner Wohld 9	1:25	27:13	28:15
IO18 Bünner Wohld 7	1:40	50:17	50:52
<b>IO19 Bünner Wohld 8</b>	<b>1:53</b>	<b>66:24</b>	<b>67:23</b>
IO20 Bünner Wohld 6	0:00	15:55	15:52
IO21 Bünner Wohld 5	0:00	16:56	16:52
<b>IO22 Bünner Wohld 4</b>	<b>0:00</b>	<b>20:19</b>	<b>20:15</b>
<b>IO23 Bünner Wohld 3</b>	<b>0:00</b>	<b>26:36</b>	<b>26:30</b>
IO24 Bünner Wohld 1	0:00	20:19	20:14
<b>IO25 Bünner Ringstraße 50</b>	<b>0:00</b>	<b>14:58</b>	<b>14:55</b>
IO26 Bünner Wohld 2A	0:00	25:06	25:01
<b>IO27 Bünner Wohld 2</b>	<b>0:00</b>	<b>25:51</b>	<b>25:45</b>
IO28 Bünner Ringstraße 53	0:00	10:13	10:11
IO29 Bünner Ringstraße 55	0:00	29:45	29:39
<b>IO30 Bünner Ringstraße 56</b>	<b>0:00</b>	<b>42:24</b>	<b>42:15</b>
<b>IO31 Bünner Ringstraße 54</b>	<b>0:00</b>	<b>25:45</b>	<b>25:39</b>
<b>IO32 Badberger Straße 13</b>	<b>0:00</b>	<b>11:11</b>	<b>11:08</b>
IO33 Badberger Straße 18	0:00	11:21	11:18
<b>IO34 Badberger Straße 19</b>	<b>0:00</b>	<b>16:10</b>	<b>16:06</b>
IO35 Bünner Wohld 21B	0:00	11:40	11:37
<b>IO36 Bünner Wohld 21A</b>	<b>0:00</b>	<b>12:51</b>	<b>12:48</b>
IO37 Bünner Wohld 20	0:00	13:28	13:25
IO38 Bünner Wohld 21	0:00	11:56	11:54
IO39 Bünner Wohld 22	0:00	14:24	14:20
<b>IO40 Bünner Wohld 23</b>	<b>0:00</b>	<b>14:18</b>	<b>14:14</b>

**Tabelle 5.8: Meteorologisch wahrscheinliche Beschattungszeiten [Stunden pro Jahr]  
Immissionsorte 41-80**

Meteorologisch wahrscheinliche Beschattungszeiten [Stunden pro Jahr]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO41 Bünner Wohld 24A	0:00	12:36	12:33
IO42 Bünner Wohld 24	0:00	11:29	11:26
IO43 Bünner Wohld 25B	0:00	12:22	12:19
IO44 Bünner Wohld 25	0:00	11:41	11:38
IO45 Bünner Wohld 25A	0:00	11:57	11:54
IO46 Bünner Wohld 29	0:00	9:47	9:45
IO47 Bünner Wohld 27	0:00	8:58	8:56
<b>IO48 Bünner Wohld 28</b>	<b>0:00</b>	<b>10:17</b>	<b>10:15</b>
IO49 Bünner Wohld 30A	0:00	9:01	8:59
IO50 Bünner Wohld 31A	0:00	7:24	7:22
IO51 Bünner Wohld 31	0:00	7:25	7:23
IO52 Bünner Wohld 33	0:00	7:08	7:06
<b>IO53 Bünner Wohld 32</b>	<b>0:00</b>	<b>4:54</b>	<b>4:52</b>
<b>IO54 Fresenweg 8c</b>	<b>0:00</b>	<b>17:59</b>	<b>17:55</b>
<b>IO55 Fresenweg 67</b>	<b>0:00</b>	<b>45:12</b>	<b>45:02</b>
IO56 Triftweg 64	0:00	40:09	40:00
IO57 Triftweg 74	0:00	37:55	37:46
IO58 Zum Kamp 6C	0:00	11:14	11:12
<b>IO59 Lechterker Straße 23</b>	<b>0:00</b>	<b>18:53</b>	<b>18:49</b>
<b>IO60 Lechterker Straße 70</b>	<b>0:00</b>	<b>23:14</b>	<b>23:09</b>
IO61 Lechterker Straße 69	0:00	19:55	19:51
IO62 Lechterker Straße 68	0:00	22:05	22:00
IO63 Im Großen Felde 77	0:00	26:54	26:48
IO64 Im Großen Felde 72	0:00	28:18	28:12
IO65 Im Großen Felde 41	0:00	28:57	28:51
<b>IO66 Im Großen Felde 78</b>	<b>0:00</b>	<b>30:07</b>	<b>30:01</b>
<b>IO67 Lechterker Straße 43</b>	<b>0:00</b>	<b>26:46</b>	<b>26:41</b>
<b>IO68 Wohldstraße 7</b>	<b>2:26</b>	<b>4:41</b>	<b>7:07</b>
<b>IO69 Trentlager Weg 29</b>	<b>1:21</b>	<b>3:04</b>	<b>4:04</b>
IO70 Dinklager Straße 53	2:26	4:49	7:02
IO71 Dinklager Straße 55	3:17	5:22	8:27
IO72 Dinklager Straße 56	2:57	4:27	7:20
<b>IO73 Dinklager Straße 57</b>	<b>5:03</b>	<b>7:59</b>	<b>12:18</b>
IO74 Dinklager Straße 58	3:38	4:34	7:58
IO75 Dinklager Straße 60	4:07	6:37	10:18
<b>IO76 Dinklager Straße 64</b>	<b>3:07</b>	<b>7:40</b>	<b>10:48</b>
IO77 Dinklager Straße 70	4:37	8:43	13:00
<b>IO78 Dinklager Straße 72</b>	<b>6:03</b>	<b>10:10</b>	<b>16:12</b>
IO79 Dinklager Straße 74	8:55	11:13	20:11
<b>IO80 Quakenbrücker Straße 109</b>	<b>4:12</b>	<b>15:50</b>	<b>19:58</b>

Die meteorologisch wahrscheinlichen Beschattungszeiten stellen nicht die Basis für einen der in [1] empfohlenen Richtwerte dar, daher wurden innerhalb dieser Tabelle keine Überschreitungen markiert.

Weiterhin ist anzumerken, dass die Software WindPro für einige IO eine kleinere meteorologische Beschattungsdauer für die Gesamtbelastung berechnet als für die Zusatzbelastung, obwohl dort keine

Vorbelastung anliegt (Beispiel: IO 52). Der Grund hierfür ist, dass WindPro bei der Berechnung der Betriebsstunden entweder eine über alle einbezogenen WEA-Typen gemittelte Leistungskurve verwendet, oder aber die Betriebsstunden für jeden Anlagentyp zwar einzeln ermittelt, jedoch dann gemittelte Betriebsstunden bei der Berechnung der meteorologischen Wahrscheinlichkeit verwendet. Daher sind die durch WindPro berechneten meteorologisch wahrscheinlichen Beschattungszeiten mit einer höheren Unsicherheit behaftet je mehr WEA-Typen in die jeweilige Berechnung einbezogen werden.

**Tabelle 5.9: Maximal mögliche Beschattungszeit an einem Beschattungstag**  
**[Stunden pro Tag] Immissionsorte 1-40**

Maximal mögliche Beschattungszeit an einem Beschattungstag [Stunden pro Tag]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO1 Wulfenauer Mark 2	0:31	1:08	1:15
IO2 Wulfenauer Mark 1	0:24	1:00	1:00
<b>IO3 Wulfenauer Mark 1 ost</b>	<b>0:24</b>	<b>0:57</b>	<b>0:57</b>
IO4 Quakenbrücker Straße 108	0:21	0:49	0:49
<b>IO5 Bünner Wohld 12</b>	<b>0:27</b>	<b>1:30</b>	<b>1:30</b>
IO6 Mühlenstraße 1	0:19	0:38	0:38
IO7 Mühlenstraße 1A	0:19	0:37	0:37
IO8 Quakenbrücker Straße 107	0:19	0:34	0:39
<b>IO9 Quakenbrücker Straße 106</b>	<b>0:00</b>	<b>0:33</b>	<b>0:33</b>
IO10 Quakenbrücker Straße 105	0:00	0:30	0:30
IO11 Quakenbrücker Straße 102	0:00	0:29	0:29
IO12 Quakenbrücker Straße 101	0:00	0:28	0:28
IO13 Quakenbrücker Straße 99	0:00	0:27	0:27
IO14 Quakenbrücker Straße 100	0:00	0:26	0:26
IO15 Quakenbrücker Straße 98	0:00	0:25	0:25
<b>IO16 Bünner Wohld 10</b>	<b>0:20</b>	<b>1:16</b>	<b>1:16</b>
IO17 Bünner Wohld 9	0:19	1:15	1:15
IO18 Bünner Wohld 7	0:20	2:00	2:00
<b>IO19 Bünner Wohld 8</b>	<b>0:20</b>	<b>2:16</b>	<b>2:16</b>
IO20 Bünner Wohld 6	0:00	0:51	0:51
IO21 Bünner Wohld 5	0:00	0:53	0:53
<b>IO22 Bünner Wohld 4</b>	<b>0:00</b>	<b>0:58</b>	<b>0:58</b>
<b>IO23 Bünner Wohld 3</b>	<b>0:00</b>	<b>1:01</b>	<b>1:01</b>
IO24 Bünner Wohld 1	0:00	0:51	0:51
<b>IO25 Bünner Ringstraße 50</b>	<b>0:00</b>	<b>0:45</b>	<b>0:45</b>
IO26 Bünner Wohld 2A	0:00	0:59	0:59
<b>IO27 Bünner Wohld 2</b>	<b>0:00</b>	<b>1:01</b>	<b>1:01</b>
IO28 Bünner Ringstraße 53	0:00	0:38	0:38
IO29 Bünner Ringstraße 55	0:00	1:13	1:13
<b>IO30 Bünner Ringstraße 56</b>	<b>0:00</b>	<b>1:26</b>	<b>1:26</b>
<b>IO31 Bünner Ringstraße 54</b>	<b>0:00</b>	<b>1:11</b>	<b>1:11</b>
<b>IO32 Badberger Straße 13</b>	<b>0:00</b>	<b>0:50</b>	<b>0:50</b>
IO33 Badberger Straße 18	0:00	0:42	0:42
<b>IO34 Badberger Straße 19</b>	<b>0:00</b>	<b>0:38</b>	<b>0:38</b>
IO35 Bünner Wohld 21B	0:00	0:35	0:35
<b>IO36 Bünner Wohld 21A</b>	<b>0:00</b>	<b>0:37</b>	<b>0:37</b>
IO37 Bünner Wohld 20	0:00	0:40	0:40
IO38 Bünner Wohld 21	0:00	0:38	0:38
IO39 Bünner Wohld 22	0:00	0:45	0:45
<b>IO40 Bünner Wohld 23</b>	<b>0:00</b>	<b>0:48</b>	<b>0:48</b>

**Tabelle 5.10: Maximal mögliche Beschattungszeit an einem Beschattungstag**  
**[Stunden pro Tag] Immissionsorte 41-80**

Maximal mögliche Beschattungszeit an einem Beschattungstag [Stunden pro Tag]			
Immissionspunkt	Vorbelastung	Zusatzbelastung	Gesamtbelastung
IO41 Bünner Wohld 24A	0:00	0:44	0:44
IO42 Bünner Wohld 24	0:00	0:43	0:43
IO43 Bünner Wohld 25B	0:00	0:46	0:46
IO44 Bünner Wohld 25	0:00	0:44	0:44
IO45 Bünner Wohld 25A	0:00	0:45	0:45
IO46 Bünner Wohld 29	0:00	0:41	0:41
IO47 Bünner Wohld 27	0:00	0:42	0:42
<b>IO48 Bünner Wohld 28</b>	<b>0:00</b>	<b>0:47</b>	<b>0:47</b>
IO49 Bünner Wohld 30A	0:00	0:44	0:44
IO50 Bünner Wohld 31A	0:00	0:41	0:41
IO51 Bünner Wohld 31	0:00	0:41	0:41
IO52 Bünner Wohld 33	0:00	0:43	0:43
<b>IO53 Bünner Wohld 32</b>	<b>0:00</b>	<b>0:36</b>	<b>0:36</b>
<b>IO54 Fresenweg 8c</b>	<b>0:00</b>	<b>0:57</b>	<b>0:57</b>
<b>IO55 Fresenweg 67</b>	<b>0:00</b>	<b>1:41</b>	<b>1:41</b>
IO56 Triftweg 64	0:00	1:32	1:32
IO57 Triftweg 74	0:00	1:21	1:21
IO58 Zum Kamp 6C	0:00	0:29	0:29
<b>IO59 Lechterker Straße 23</b>	<b>0:00</b>	<b>0:38</b>	<b>0:38</b>
<b>IO60 Lechterker Straße 70</b>	<b>0:00</b>	<b>0:58</b>	<b>0:58</b>
IO61 Lechterker Straße 69	0:00	0:56	0:56
IO62 Lechterker Straße 68	0:00	0:48	0:48
IO63 Im Großen Felde 77	0:00	1:02	1:02
IO64 Im Großen Felde 72	0:00	1:05	1:05
IO65 Im Großen Felde 41	0:00	1:05	1:05
<b>IO66 Im Großen Felde 78</b>	<b>0:00</b>	<b>1:08</b>	<b>1:08</b>
<b>IO67 Lechterker Straße 43</b>	<b>0:00</b>	<b>1:04</b>	<b>1:04</b>
<b>IO68 Wohldstraße 7</b>	<b>0:21</b>	<b>0:26</b>	<b>0:26</b>
<b>IO69 Trentlager Weg 29</b>	<b>0:22</b>	<b>0:24</b>	<b>0:34</b>
IO70 Dinklager Straße 53	0:23	0:25	0:35
IO71 Dinklager Straße 55	0:26	0:27	0:43
IO72 Dinklager Straße 56	0:23	0:25	0:40
<b>IO73 Dinklager Straße 57</b>	<b>0:31</b>	<b>0:45</b>	<b>1:04</b>
IO74 Dinklager Straße 58	0:25	0:26	0:40
IO75 Dinklager Straße 60	0:30	0:41	0:56
<b>IO76 Dinklager Straße 64</b>	<b>0:36</b>	<b>0:41</b>	<b>1:05</b>
IO77 Dinklager Straße 70	0:49	1:00	1:38
<b>IO78 Dinklager Straße 72</b>	<b>1:11</b>	<b>1:22</b>	<b>2:33</b>
IO79 Dinklager Straße 74	1:11	2:01	3:11
<b>IO80 Quakenbrücker Straße 109</b>	<b>0:33</b>	<b>2:15</b>	<b>2:15</b>

### 5.3.2 Vorbelastung

Die Berechnung des Schattenwurfs für den Standort Bünne-Wehdel durch die bestehenden WEA ergab die nachfolgend dargestellten Schattenwurfzeiten.

An 6 Immissionsorten wird der Richtwert von 30 Std. pro Jahr durch die Vorbelastung überschritten. An 7 Immissionsorten wird der Richtwert von 30 Minuten pro Tag überschritten.

Wenn in den WEA der Vorbelastung bereits Abschaltautomatiken installiert sind, die die Einhaltung der empfohlenen Richtwerte durch die Vorbelastung sicherstellen, jedoch eine Ausschöpfung dieser Richtwerte zulassen, sollte an diesen IO keine weitere Verschattung durch die geplanten WEA verursacht werden. Eine detaillierte Berücksichtigung eventuell bereits installierter Abschaltautomatiken übersteigt jedoch den Rahmen dieser Ermittlung

**Tabelle 5.11: Vorbelastung Immissionsorte 1-40**

Immissionspunkt	Mögliche Beschattungstage	Astronomisch mögliche Beschattungszeiten	Meteorologisch wahrscheinliche Beschattungszeiten	Maximal mögliche Beschattungszeit an einem Beschattungstag
	pro Jahr	(Stunden / Jahr)	(Stunden / Jahr)	(Stunden / Tag)
IO1 Wulfenauer Mark 2	89	29:50	3:29	0:31
IO2 Wulfenauer Mark 1	50	15:22	1:56	0:24
<b>IO3 Wulfenauer Mark 1</b>	<b>43</b>	<b>13:09</b>	<b>1:45</b>	<b>0:24</b>
IO4 Quakenbrücker Straße	38	10:42	1:27	0:21
<b>IO5 Bünner Wohld 12</b>	<b>60</b>	<b>18:14</b>	<b>3:33</b>	<b>0:27</b>
IO6 Mühlenstraße 1	32	8:07	1:09	0:19
IO7 Mühlenstraße 1A	32	8:06	1:11	0:19
IO8 Quakenbrücker Straße	26	6:47	1:15	0:19
<b>IO9 Quakenbrücker</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO10 Quakenbrücker Straße	0	0:00	0:00	0:00
IO11 Quakenbrücker Straße	0	0:00	0:00	0:00
IO12 Quakenbrücker Straße	0	0:00	0:00	0:00
IO13 Quakenbrücker Straße	0	0:00	0:00	0:00
IO14 Quakenbrücker Straße	0	0:00	0:00	0:00
IO15 Quakenbrücker Straße	0	0:00	0:00	0:00
<b>IO16 Bünner Wohld 10</b>	<b>26</b>	<b>6:52</b>	<b>1:28</b>	<b>0:20</b>
IO17 Bünner Wohld 9	26	6:33	1:25	0:19
IO18 Bünner Wohld 7	29	7:07	1:40	0:20
<b>IO19 Bünner Wohld 8</b>	<b>31</b>	<b>8:03</b>	<b>1:53</b>	<b>0:20</b>
IO20 Bünner Wohld 6	0	0:00	0:00	0:00
IO21 Bünner Wohld 5	0	0:00	0:00	0:00
<b>IO22 Bünner Wohld 4</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO23 Bünner Wohld 3</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO24 Bünner Wohld 1	0	0:00	0:00	0:00
<b>IO25 Bünner Ringstraße</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO26 Bünner Wohld 2A	0	0:00	0:00	0:00
<b>IO27 Bünner Wohld 2</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO28 Bünner Ringstraße 53	0	0:00	0:00	0:00
IO29 Bünner Ringstraße 55	0	0:00	0:00	0:00
<b>IO30 Bünner Ringstraße</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO31 Bünner Ringstraße</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO32 Badberger Straße 13</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO33 Badberger Straße 18	0	0:00	0:00	0:00
<b>IO34 Badberger Straße 19</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO35 Bünner Wohld 21B	0	0:00	0:00	0:00
<b>IO36 Bünner Wohld 21A</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO37 Bünner Wohld 20	0	0:00	0:00	0:00
IO38 Bünner Wohld 21	0	0:00	0:00	0:00
IO39 Bünner Wohld 22	0	0:00	0:00	0:00
<b>IO40 Bünner Wohld 23</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>



Tabelle 5.12: Vorbelastung Immissionsorte 41-80

Immissionspunkt	Mögliche Beschattungstage	Astronomisch mögliche Beschattungszeiten	Meteorologisch wahrscheinliche Beschattungszeiten	Maximal mögliche Beschattungszeit an einem Beschattungstag
	pro Jahr	(Stunden / Jahr)	(Stunden / Jahr)	(Stunden / Tag)
IO41 Bünner Wohld 24A	0	0:00	0:00	0:00
IO42 Bünner Wohld 24	0	0:00	0:00	0:00
IO43 Bünner Wohld 25B	0	0:00	0:00	0:00
IO44 Bünner Wohld 25	0	0:00	0:00	0:00
IO45 Bünner Wohld 25A	0	0:00	0:00	0:00
IO46 Bünner Wohld 29	0	0:00	0:00	0:00
IO47 Bünner Wohld 27	0	0:00	0:00	0:00
<b>IO48 Bünner Wohld 28</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO49 Bünner Wohld 30A	0	0:00	0:00	0:00
IO50 Bünner Wohld 31A	0	0:00	0:00	0:00
IO51 Bünner Wohld 31	0	0:00	0:00	0:00
IO52 Bünner Wohld 33	0	0:00	0:00	0:00
<b>IO53 Bünner Wohld 32</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO54 Fresenweg 8c</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO55 Fresenweg 67</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO56 Triftweg 64	0	0:00	0:00	0:00
IO57 Triftweg 74	0	0:00	0:00	0:00
IO58 Zum Kamp 6C	0	0:00	0:00	0:00
<b>IO59 Lechterker Straße 23</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO60 Lechterker Straße 70</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
IO61 Lechterker Straße 69	0	0:00	0:00	0:00
IO62 Lechterker Straße 68	0	0:00	0:00	0:00
IO63 Im Großen Felde 77	0	0:00	0:00	0:00
IO64 Im Großen Felde 72	0	0:00	0:00	0:00
IO65 Im Großen Felde 41	0	0:00	0:00	0:00
<b>IO66 Im Großen Felde 78</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO67 Lechterker Straße 43</b>	<b>0</b>	<b>0:00</b>	<b>0:00</b>	<b>0:00</b>
<b>IO68 Wohldstraße 7</b>	<b>34</b>	<b>9:16</b>	<b>2:26</b>	<b>0:21</b>
<b>IO69 Trentlager Weg 29</b>	<b>29</b>	<b>7:59</b>	<b>1:21</b>	<b>0:22</b>
IO70 Dinklager Straße 53	69	19:24	2:26	0:23
IO71 Dinklager Straße 55	88	27:56	3:17	0:26
IO72 Dinklager Straße 56	94	26:30	2:57	0:23
<b>IO73 Dinklager Straße 57</b>	<b>118</b>	<b>46:20</b>	<b>5:03</b>	<b>0:31</b>
IO74 Dinklager Straße 58	105	34:17	3:38	0:25
IO75 Dinklager Straße 60	97	38:01	4:07	0:30
<b>IO76 Dinklager Straße 64</b>	<b>60</b>	<b>27:32</b>	<b>3:07</b>	<b>0:36</b>
IO77 Dinklager Straße 70	75	52:17	4:37	0:49
<b>IO78 Dinklager Straße 72</b>	<b>77</b>	<b>64:10</b>	<b>6:03</b>	<b>1:11</b>
IO79 Dinklager Straße 74	89	84:13	8:55	1:11
<b>IO80 Quakenbrücker</b>	<b>68</b>	<b>27:00</b>	<b>4:12</b>	<b>0:33</b>

### 5.3.3 Zusatzbelastung

Die Berechnung des Schattenwurfs für den Standort Bünne-Wehdel ergab die nachfolgend dargestellten Schattenwurfzeiten durch die geplanten WEA.

An 77 Immissionsorten wird der Richtwert von 30 Std. pro Jahr durch die Zusatzbelastung überschritten.  
An 67 Immissionsorten wird der Richtwert von 30 Minuten pro Tag überschritten.

**Tabelle 5.13: Zusatzbelastung Immissionsorte 1-40**

Immissionspunkt	Mögliche Beschattungstage pro Jahr	Astronomisch mögliche Beschattungszeiten (Stunden / Jahr)	Meteorologisch wahrscheinliche Beschattungszeiten (Stunden / Jahr)	Maximal mögliche Beschattungszeit an einem Beschattungstag (Stunden / Tag)
IO1 Wulfenauer Mark 2	65	51:56	5:03	1:08
IO2 Wulfenauer Mark 1	65	48:33	4:55	1:00
<b>IO3 Wulfenauer Mark 1</b>	<b>73</b>	<b>54:06</b>	<b>5:39</b>	<b>0:57</b>
IO4 Quakenbrücker Straße	75	49:51	5:20	0:49
<b>IO5 Bünner Wohld 12</b>	<b>166</b>	<b>169:53</b>	<b>22:52</b>	<b>1:30</b>
IO6 Mühlenstraße 1	79	42:30	4:39	0:38
IO7 Mühlenstraße 1A	83	45:08	4:59	0:37
IO8 Quakenbrücker Straße	110	51:11	6:17	0:34
<b>IO9 Quakenbrücker</b>	<b>123</b>	<b>57:31</b>	<b>7:28</b>	<b>0:33</b>
IO10 Quakenbrücker Straße	114	47:31	5:57	0:30
IO11 Quakenbrücker Straße	105	41:31	5:14	0:29
IO12 Quakenbrücker Straße	103	40:10	5:04	0:28
IO13 Quakenbrücker Straße	105	39:38	5:02	0:27
IO14 Quakenbrücker Straße	107	38:58	4:57	0:26
IO15 Quakenbrücker Straße	106	36:10	4:37	0:25
<b>IO16 Bünner Wohld 10</b>	<b>218</b>	<b>161:36</b>	<b>26:45</b>	<b>1:16</b>
IO17 Bünner Wohld 9	220	164:50	27:13	1:15
IO18 Bünner Wohld 7	305	302:40	50:17	2:00
<b>IO19 Bünner Wohld 8</b>	<b>356</b>	<b>389:12</b>	<b>66:24</b>	<b>2:16</b>
IO20 Bünner Wohld 6	214	104:16	15:55	0:51
IO21 Bünner Wohld 5	219	110:16	16:56	0:53
<b>IO22 Bünner Wohld 4</b>	<b>232</b>	<b>129:18</b>	<b>20:19</b>	<b>0:58</b>
<b>IO23 Bünner Wohld 3</b>	<b>250</b>	<b>162:27</b>	<b>26:36</b>	<b>1:01</b>
IO24 Bünner Wohld 1	242	119:42	20:19	0:51
<b>IO25 Bünner Ringstraße</b>	<b>211</b>	<b>91:58</b>	<b>14:58</b>	<b>0:45</b>
IO26 Bünner Wohld 2A	255	146:12	25:06	0:59
<b>IO27 Bünner Wohld 2</b>	<b>258</b>	<b>149:08</b>	<b>25:51</b>	<b>1:01</b>
IO28 Bünner Ringstraße 53	127	51:46	10:13	0:38
IO29 Bünner Ringstraße 55	261	157:33	29:45	1:13
<b>IO30 Bünner Ringstraße</b>	<b>313</b>	<b>224:12</b>	<b>42:24</b>	<b>1:26</b>
<b>IO31 Bünner Ringstraße</b>	<b>207</b>	<b>117:11</b>	<b>25:45</b>	<b>1:11</b>
<b>IO32 Badberger Straße 13</b>	<b>101</b>	<b>49:49</b>	<b>11:11</b>	<b>0:50</b>
IO33 Badberger Straße 18	91	48:04	11:21	0:42
<b>IO34 Badberger Straße 19</b>	<b>133</b>	<b>68:48</b>	<b>16:10</b>	<b>0:38</b>
IO35 Bünner Wohld 21B	114	49:41	11:40	0:35
<b>IO36 Bünner Wohld 21A</b>	<b>105</b>	<b>55:15</b>	<b>12:51</b>	<b>0:37</b>
IO37 Bünner Wohld 20	103	57:58	13:28	0:40
IO38 Bünner Wohld 21	97	51:46	11:56	0:38
IO39 Bünner Wohld 22	100	62:13	14:24	0:45
<b>IO40 Bünner Wohld 23</b>	<b>95</b>	<b>62:05</b>	<b>14:18</b>	<b>0:48</b>

Tabelle 5.14: Zusatzbelastung Immissionsorte 41-80

Immissionspunkt	Mögliche Beschattungstage	Astronomisch mögliche Beschattungszeiten	Meteorologisch wahrscheinliche Beschattungszeiten	Maximal mögliche Beschattungszeit an einem Beschattungstag
	pro Jahr	(Stunden / Jahr)	(Stunden / Jahr)	(Stunden / Tag)
IO41 Bünner Wohld 24A	88	55:01	12:36	0:44
IO42 Bünner Wohld 24	82	50:22	11:29	0:43
IO43 Bünner Wohld 25B	83	54:05	12:22	0:46
IO44 Bünner Wohld 25	81	51:12	11:41	0:44
IO45 Bünner Wohld 25A	81	52:19	11:57	0:45
IO46 Bünner Wohld 29	74	43:05	9:47	0:41
IO47 Bünner Wohld 27	67	39:38	8:58	0:42
<b>IO48 Bünner Wohld 28</b>	<b>70</b>	<b>45:21</b>	<b>10:17</b>	<b>0:47</b>
IO49 Bünner Wohld 30A	66	39:51	9:01	0:44
IO50 Bünner Wohld 31A	59	32:52	7:24	0:41
IO51 Bünner Wohld 31	59	32:55	7:25	0:41
IO52 Bünner Wohld 33	55	31:44	7:08	0:43
<b>IO53 Bünner Wohld 32</b>	<b>47</b>	<b>21:53</b>	<b>4:54</b>	<b>0:36</b>
<b>IO54 Fresenweg 8c</b>	<b>133</b>	<b>68:19</b>	<b>17:59</b>	<b>0:57</b>
<b>IO55 Fresenweg 67</b>	<b>197</b>	<b>177:47</b>	<b>45:12</b>	<b>1:41</b>
IO56 Triftweg 64	191	156:31	40:09	1:32
IO57 Triftweg 74	187	147:03	37:55	1:21
IO58 Zum Kamp 6C	110	42:23	11:14	0:29
<b>IO59 Lechterker Straße 23</b>	<b>195</b>	<b>74:22</b>	<b>18:53</b>	<b>0:38</b>
<b>IO60 Lechterker Straße 70</b>	<b>162</b>	<b>89:34</b>	<b>23:14</b>	<b>0:58</b>
IO61 Lechterker Straße 69	162	77:03	19:55	0:56
IO62 Lechterker Straße 68	170	84:45	22:05	0:48
IO63 Im Großen Felde 77	176	103:18	26:54	1:02
IO64 Im Großen Felde 72	178	108:48	28:18	1:05
IO65 Im Großen Felde 41	180	111:22	28:57	1:05
<b>IO66 Im Großen Felde 78</b>	<b>180</b>	<b>115:56</b>	<b>30:07</b>	<b>1:08</b>
<b>IO67 Lechterker Straße 43</b>	<b>154</b>	<b>101:46</b>	<b>26:46</b>	<b>1:04</b>
<b>IO68 Wohldstraße 7</b>	<b>64</b>	<b>19:54</b>	<b>4:41</b>	<b>0:26</b>
<b>IO69 Trentlager Weg 29</b>	<b>64</b>	<b>19:28</b>	<b>3:04</b>	<b>0:24</b>
IO70 Dinklager Straße 53	129	41:57	4:49	0:25
IO71 Dinklager Straße 55	131	46:08	5:22	0:27
IO72 Dinklager Straße 56	121	39:23	4:27	0:25
<b>IO73 Dinklager Straße 57</b>	<b>149</b>	<b>72:27</b>	<b>7:59</b>	<b>0:45</b>
IO74 Dinklager Straße 58	122	40:10	4:34	0:26
IO75 Dinklager Straße 60	135	61:34	6:37	0:41
<b>IO76 Dinklager Straße 64</b>	<b>138</b>	<b>69:17</b>	<b>7:40</b>	<b>0:41</b>
IO77 Dinklager Straße 70	112	89:33	8:43	1:00
<b>IO78 Dinklager Straße 72</b>	<b>107</b>	<b>107:47</b>	<b>10:10</b>	<b>1:22</b>
IO79 Dinklager Straße 74	97	129:33	11:13	2:01
<b>IO80 Quakenbrücker</b>	<b>105</b>	<b>149:54</b>	<b>15:50</b>	<b>2:15</b>

### 5.3.4 Gesamtbelastung

Die Berechnung des Schattenwurfs für den Standort Bünne-Wehdel ergab die nachfolgend dargestellten Beschattungszeiten der Immissionsorte (IO). An 77 Immissionsorten wird der Richtwert von 30 Std. pro Jahr überschritten. An 72 Immissionsorten wird der Richtwert von 30 Minuten pro Tag überschritten. An IO 68 wird der der Jahresichtwert mit 29:10 Std. nahezu ausgeschöpft.

**Tabelle 5.15: Gesamtbelastung Immissionsorte 1-40**

Immissionspunkt	Mögliche Beschattungstage	Astronomisch mögliche Beschattungszeiten	Meteorologisch wahrscheinliche Beschattungszeiten	Maximal mögliche Beschattungszeit an einem Beschattungstag
	pro Jahr	(Stunden / Jahr)	(Stunden / Jahr)	(Stunden / Tag)
IO1 Wulfenauer Mark 2	89	81:46	8:34	1:15
IO2 Wulfenauer Mark 1	91	63:55	6:51	1:00
<b>IO3 Wulfenauer Mark 1</b>	<b>96</b>	<b>67:15</b>	<b>7:23</b>	<b>0:57</b>
IO4 Quakenbrücker Straße	97	60:33	6:47	0:49
<b>IO5 Bünner Wohld 12</b>	<b>170</b>	<b>188:07</b>	<b>26:20</b>	<b>1:30</b>
IO6 Mühlenstraße 1	99	50:37	5:48	0:38
IO7 Mühlenstraße 1A	103	53:14	6:10	0:37
IO8 Quakenbrücker Straße	125	57:58	7:31	0:39
<b>IO9 Quakenbrücker</b>	<b>123</b>	<b>57:31</b>	<b>7:26</b>	<b>0:33</b>
IO10 Quakenbrücker Straße	114	47:31	5:56	0:30
IO11 Quakenbrücker Straße	105	41:31	5:13	0:29
IO12 Quakenbrücker Straße	103	40:10	5:03	0:28
IO13 Quakenbrücker Straße	105	39:38	5:01	0:27
IO14 Quakenbrücker Straße	107	38:58	4:56	0:26
IO15 Quakenbrücker Straße	106	36:10	4:36	0:25
<b>IO16 Bünner Wohld 10</b>	<b>218</b>	<b>167:39</b>	<b>27:58</b>	<b>1:16</b>
IO17 Bünner Wohld 9	220	169:58	28:15	1:15
IO18 Bünner Wohld 7	305	305:56	50:52	2:00
<b>IO19 Bünner Wohld 8</b>	<b>356</b>	<b>394:25</b>	<b>67:23</b>	<b>2:16</b>
IO20 Bünner Wohld 6	214	104:16	15:52	0:51
IO21 Bünner Wohld 5	219	110:16	16:52	0:53
<b>IO22 Bünner Wohld 4</b>	<b>232</b>	<b>129:18</b>	<b>20:15</b>	<b>0:58</b>
<b>IO23 Bünner Wohld 3</b>	<b>250</b>	<b>162:27</b>	<b>26:30</b>	<b>1:01</b>
IO24 Bünner Wohld 1	242	119:42	20:14	0:51
<b>IO25 Bünner Ringstraße</b>	<b>211</b>	<b>91:58</b>	<b>14:55</b>	<b>0:45</b>
IO26 Bünner Wohld 2A	255	146:12	25:01	0:59
<b>IO27 Bünner Wohld 2</b>	<b>258</b>	<b>149:08</b>	<b>25:45</b>	<b>1:01</b>
IO28 Bünner Ringstraße 53	127	51:46	10:11	0:38
IO29 Bünner Ringstraße 55	261	157:33	29:39	1:13
<b>IO30 Bünner Ringstraße</b>	<b>313</b>	<b>224:12</b>	<b>42:15</b>	<b>1:26</b>
<b>IO31 Bünner Ringstraße</b>	<b>207</b>	<b>117:11</b>	<b>25:39</b>	<b>1:11</b>
<b>IO32 Badberger Straße 13</b>	<b>101</b>	<b>49:49</b>	<b>11:08</b>	<b>0:50</b>
IO33 Badberger Straße 18	91	48:04	11:18	0:42
<b>IO34 Badberger Straße 19</b>	<b>133</b>	<b>68:48</b>	<b>16:06</b>	<b>0:38</b>
IO35 Bünner Wohld 21B	114	49:41	11:37	0:35
<b>IO36 Bünner Wohld 21A</b>	<b>105</b>	<b>55:15</b>	<b>12:48</b>	<b>0:37</b>
IO37 Bünner Wohld 20	103	57:58	13:25	0:40
IO38 Bünner Wohld 21	97	51:46	11:54	0:38
IO39 Bünner Wohld 22	100	62:13	14:20	0:45
<b>IO40 Bünner Wohld 23</b>	<b>95</b>	<b>62:05</b>	<b>14:14</b>	<b>0:48</b>

Tabelle 5.16: Gesamtbelastung Immissionsorte 41-80

Immissionspunkt	Mögliche Beschattungstage	Astronomisch mögliche Beschattungszeiten	Meteorologisch wahrscheinliche Beschattungszeiten	Maximal mögliche Beschattungszeit an einem Beschattungstag
	pro Jahr	(Stunden / Jahr)	(Stunden / Jahr)	(Stunden / Tag)
IO41 Bünner Wohld 24A	88	55:01	12:33	0:44
IO42 Bünner Wohld 24	82	50:22	11:26	0:43
IO43 Bünner Wohld 25B	83	54:05	12:19	0:46
IO44 Bünner Wohld 25	81	51:12	11:38	0:44
IO45 Bünner Wohld 25A	81	52:19	11:54	0:45
IO46 Bünner Wohld 29	74	43:05	9:45	0:41
IO47 Bünner Wohld 27	67	39:38	8:56	0:42
<b>IO48 Bünner Wohld 28</b>	<b>70</b>	<b>45:21</b>	<b>10:15</b>	<b>0:47</b>
IO49 Bünner Wohld 30A	66	39:51	8:59	0:44
IO50 Bünner Wohld 31A	59	32:52	7:22	0:41
IO51 Bünner Wohld 31	59	32:55	7:23	0:41
IO52 Bünner Wohld 33	55	31:44	7:06	0:43
<b>IO53 Bünner Wohld 32</b>	<b>47</b>	<b>21:53</b>	<b>4:52</b>	<b>0:36</b>
<b>IO54 Fresenweg 8c</b>	<b>133</b>	<b>68:19</b>	<b>17:55</b>	<b>0:57</b>
<b>IO55 Fresenweg 67</b>	<b>197</b>	<b>177:47</b>	<b>45:02</b>	<b>1:41</b>
IO56 Triftweg 64	191	156:31	40:00	1:32
IO57 Triftweg 74	187	147:03	37:46	1:21
IO58 Zum Kamp 6C	110	42:23	11:12	0:29
<b>IO59 Lechterker Straße 23</b>	<b>195</b>	<b>74:22</b>	<b>18:49</b>	<b>0:38</b>
<b>IO60 Lechterker Straße 70</b>	<b>162</b>	<b>89:34</b>	<b>23:09</b>	<b>0:58</b>
IO61 Lechterker Straße 69	162	77:03	19:51	0:56
IO62 Lechterker Straße 68	170	84:45	22:00	0:48
IO63 Im Großen Felde 77	176	103:18	26:48	1:02
IO64 Im Großen Felde 72	178	108:48	28:12	1:05
IO65 Im Großen Felde 41	180	111:22	28:51	1:05
<b>IO66 Im Großen Felde 78</b>	<b>180</b>	<b>115:56</b>	<b>30:01</b>	<b>1:08</b>
<b>IO67 Lechterker Straße 43</b>	<b>154</b>	<b>101:46</b>	<b>26:41</b>	<b>1:04</b>
<b>IO68 Wohldstraße 7</b>	<b>94</b>	<b>29:10</b>	<b>7:07</b>	<b>0:26</b>
<b>IO69 Trentlager Weg 29</b>	<b>71</b>	<b>25:25</b>	<b>4:04</b>	<b>0:34</b>
IO70 Dinklager Straße 53	152	60:00	7:02	0:35
IO71 Dinklager Straße 55	155	72:54	8:27	0:43
IO72 Dinklager Straße 56	148	65:26	7:20	0:40
<b>IO73 Dinklager Straße 57</b>	<b>159</b>	<b>111:06</b>	<b>12:18</b>	<b>1:04</b>
IO74 Dinklager Straße 58	148	71:28	7:58	0:40
IO75 Dinklager Straße 60	150	93:57	10:18	0:56
<b>IO76 Dinklager Straße 64</b>	<b>138</b>	<b>96:49</b>	<b>10:48</b>	<b>1:05</b>
IO77 Dinklager Straße 70	112	137:37	13:00	1:38
<b>IO78 Dinklager Straße 72</b>	<b>107</b>	<b>171:57</b>	<b>16:12</b>	<b>2:33</b>
IO79 Dinklager Straße 74	97	213:46	20:11	3:11
<b>IO80 Quakenbrücker</b>	<b>123</b>	<b>176:54</b>	<b>19:58</b>	<b>2:15</b>

## 5.4 Graphische Darstellungen der Schattenwurfhäufigkeiten

### 5.4.1 Schattenwurfkarten

In den Schattenwurfkarten wird jeweils der Verlauf der 30-Minuten-pro-Tag-Linie oder der 30-Stunden-pro-Tag-Linie der zu erwartenden, astronomisch möglichen Beschattungszeiten dargestellt. Außerhalb dieser Linien wird der entsprechende Richtwert nicht erreicht oder überschritten. Das farbige Schattenwurfraster der Graphiken wurde – abweichend von den Parametern der detaillierten Berechnung an den Immissionsorten- mit einer örtlichen Auflösung von 20 m und zeitlichen Schrittweiten von 7 Tagen und 3 Minuten berechnet.

Die Berechnung der Schattenwurfkarten erfolgte mit dem Programm WindPRO [A], die kartografische Bearbeitung wurde mit der GIS-Software ArcGIS [B] durchgeführt.

Die folgende Abbildung 11 zeigt die maximale mögliche Beschattungszeit innerhalb eines Jahres als Farbraster sowie die 30-Stunden-pro-Jahr-Linie. Im Anhang unter Abschnitt 5.4 sind die Schattenwurfkarten für beide Richtwerte für Vor-, Zusatz- und Gesamtbelastung dargestellt.

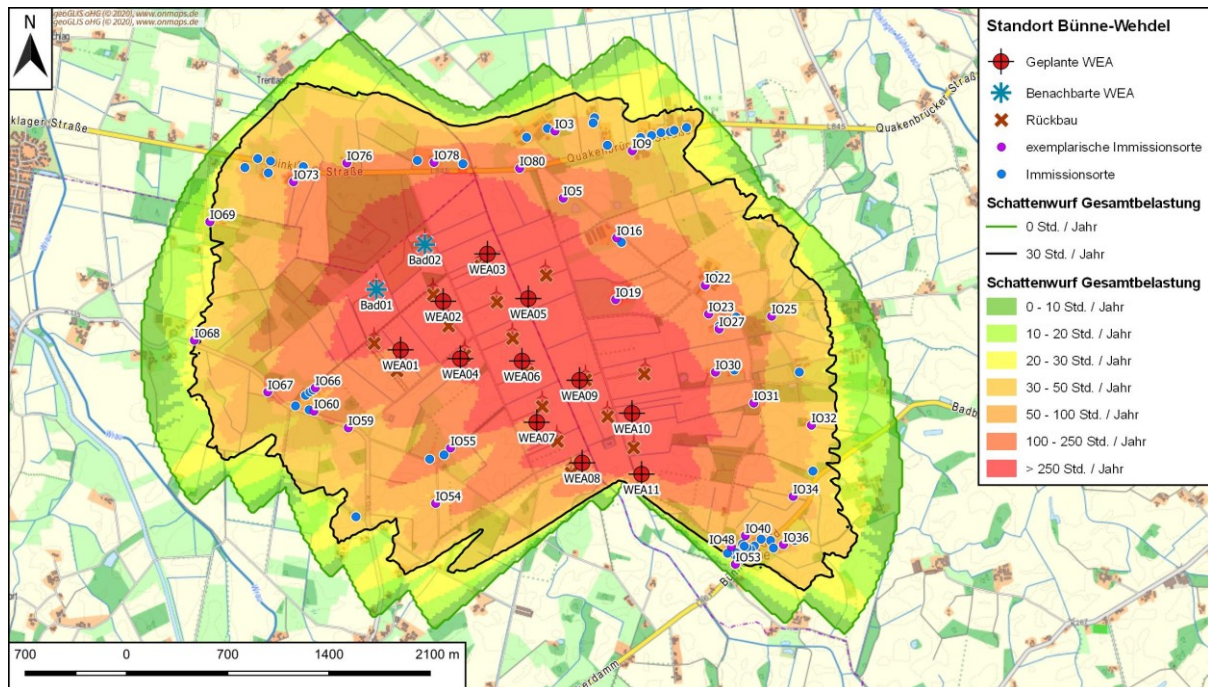


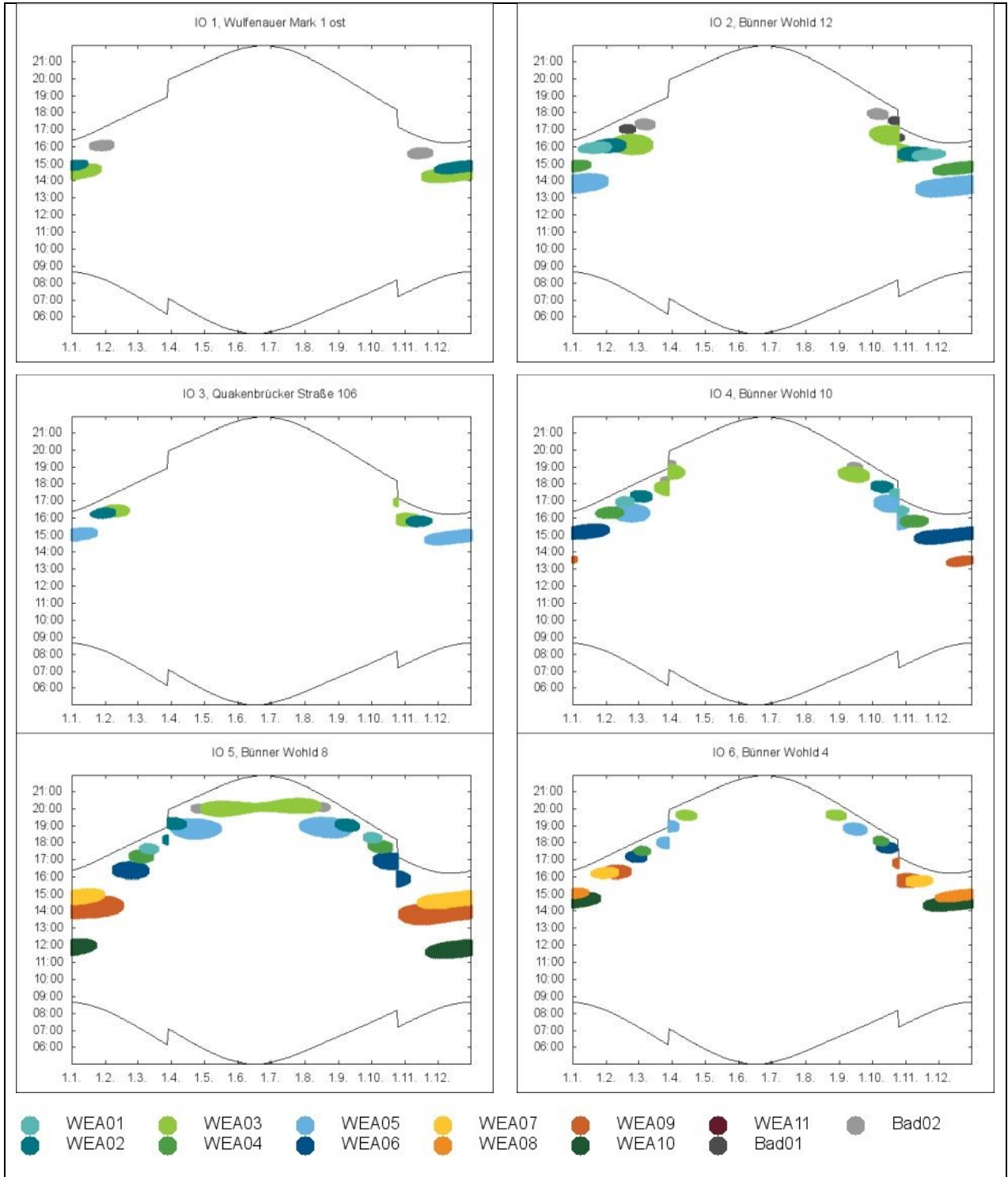
Abbildung 11: Schattenwurf Gesamtbelastung, Kriterium 30 Stunden pro Jahr

### 5.4.2 Graphische Kalender der astronomisch möglichen Beschattung je IO

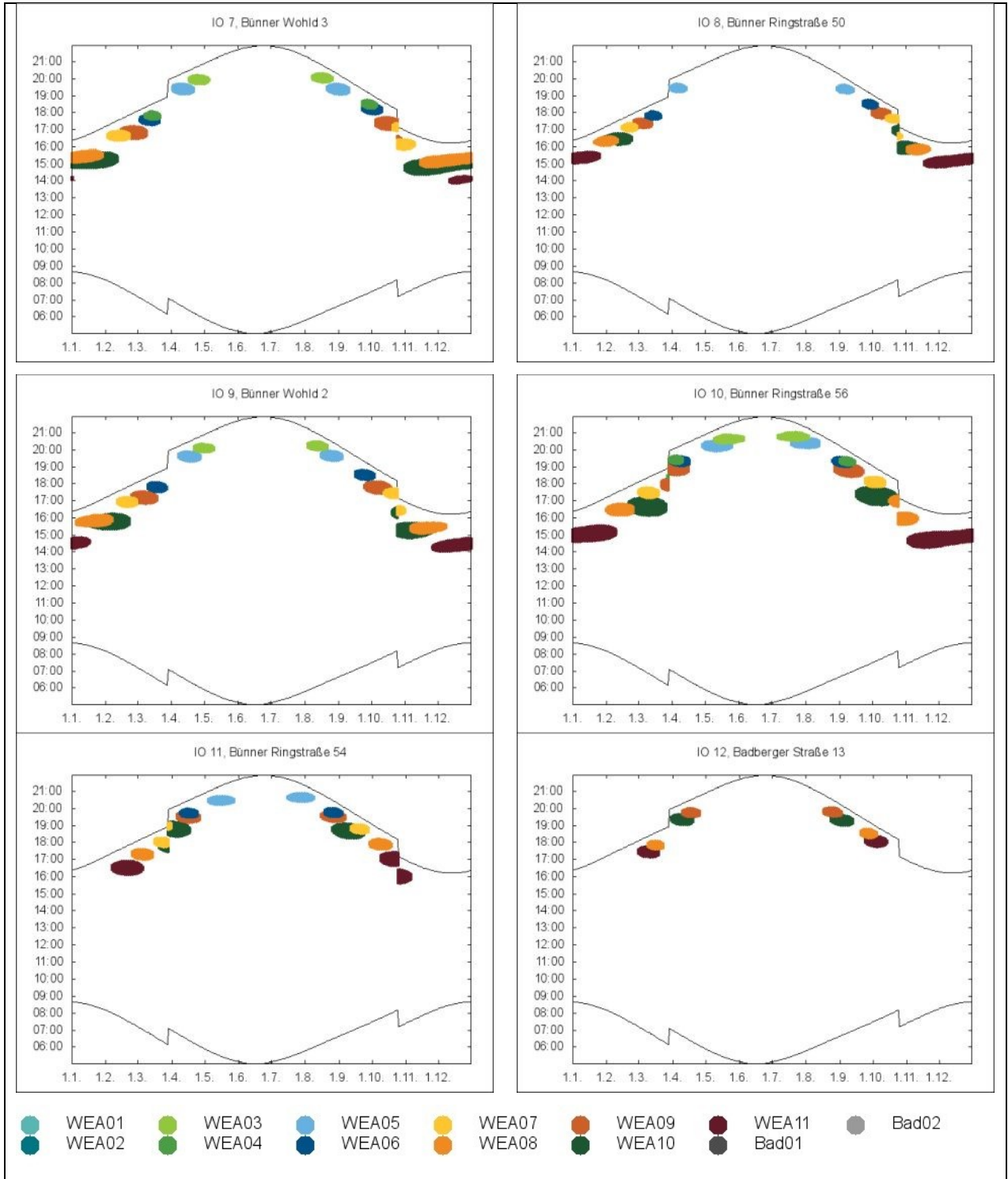
In den nachfolgenden Abbildungen ist der Anteil der Beschattungszeiten der einzelnen WEA an den exemplarisch ausgewählten 29 Immissionsorten dargestellt.

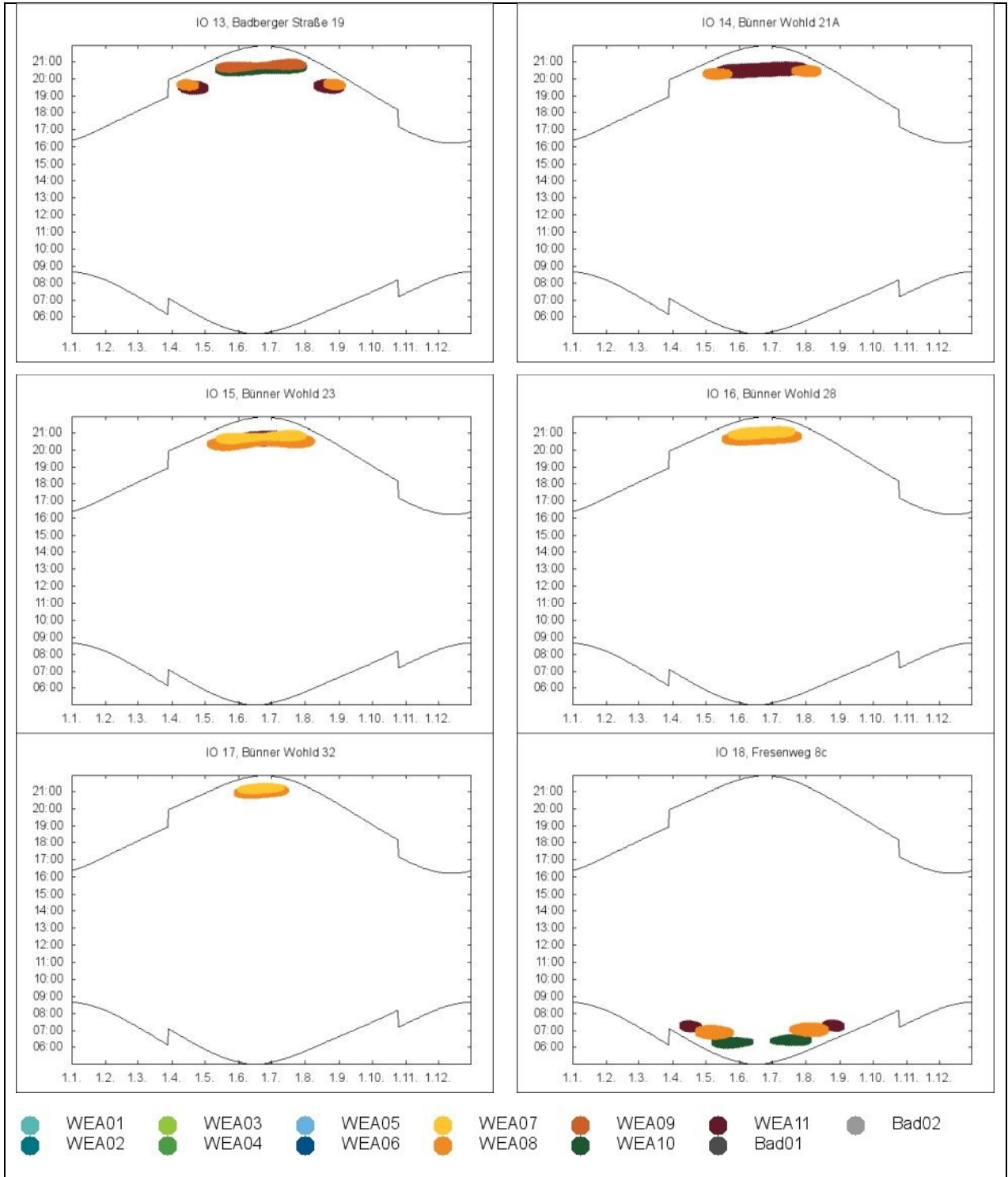
Die Nummerierung der exemplarisch gewählten Immissionsorte in den nachfolgenden Abbildungen weicht von der Nummerierung in den Tabellen dieses Berichtes ab.

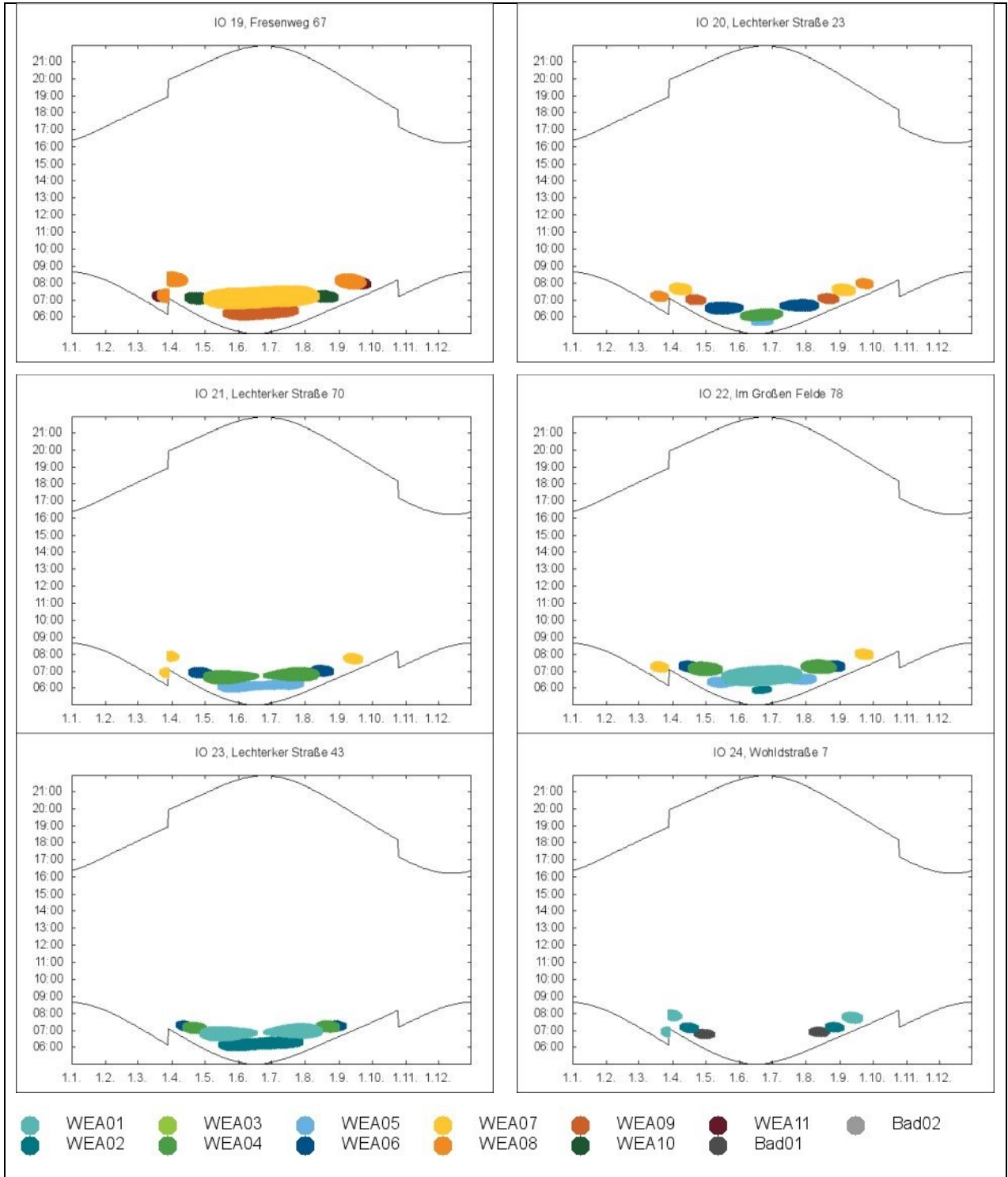
IO-Nr.	Nr. im Kalender	Koordinaten (UTM ETRS89 Zone 33)		Höhe ü. NN [m]	Bezeichnung / Beschreibung	Immissions-orthöhe [m]
		Rechtswert	Hochwert			
3	1	435'259	5'836'713	26	Wulfenauer Mark 1 ost	2 m
5	2	435'316	5'836'250	26	Bünner Wohld 12	2 m
9	3	435'794	5'836'577	26	Quakenbrücker Straße 106	2 m
16	4	435'686	5'835'976	26	Bünner Wohld 10	2 m
19	5	435'679	5'835'550	26	Bünner Wohld 8	2 m
22	6	436'298	5'835'648	26	Bünner Wohld 4	2 m
23	7	436'322	5'835'450	26	Bünner Wohld 3	2 m
25	8	436'757	5'835'435	26	Bünner Ringstraße 50	2 m
27	9	436'394	5'835'347	26	Bünner Wohld 2	2 m
30	10	436'369	5'835'049	26	Bünner Ringstraße 56	2 m
31	11	436'634	5'834'836	26	Bünner Ringstraße 54	2 m
32	12	437'033	5'834'683	26	Badberger Straße 13	2 m
34	13	436'906	5'834'192	26	Badberger Straße 19	2 m
36	14	436'839	5'833'859	26	Bünner Wohld 21A	2 m
40	15	436'576	5'833'920	27	Bünner Wohld 23	2 m
48	16	436'479	5'833'844	26	Bünner Wohld 28	2 m
53	17	436'507	5'833'723	26	Bünner Wohld 32	2 m
54	18	434'434	5'834'143	26	Fresenweg 8c	2 m
55	19	434'537	5'834'525	26	Fresenweg 67	2 m
59	20	433'830	5'834'665	26	Lechterker Straße 23	2 m
60	21	433'592	5'834'780	25	Lechterker Straße 70	2 m
66	22	433'602	5'834'940	25	Im Großen Felde 78	2 m
67	23	433'273	5'834'912	25	Lechterker Straße 43	2 m
68	24	432'766	5'835'269	26	Wohldstraße 7	2 m
69	25	432'873	5'836'087	25	Trentlager Weg 29	2 m
73	26	433'451	5'836'363	25	Dinklager Straße 57	2 m
76	27	433'820	5'836'493	25	Dinklager Straße 64	2 m
78	28	434'423	5'836'497	25	Dinklager Straße 72	2 m
80	29	435'015	5'836'456	26	Quakenbrücker Straße 109	2 m

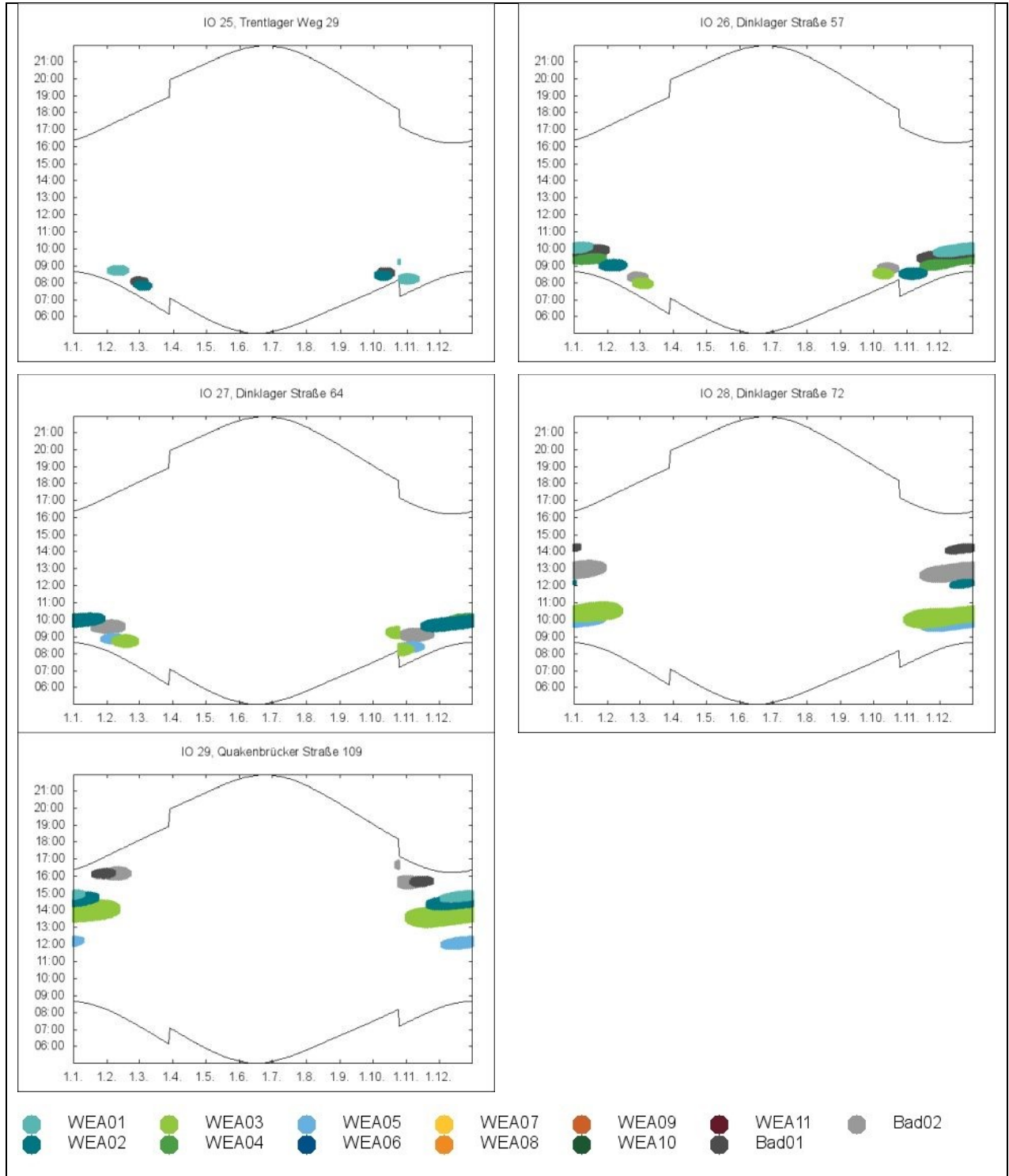






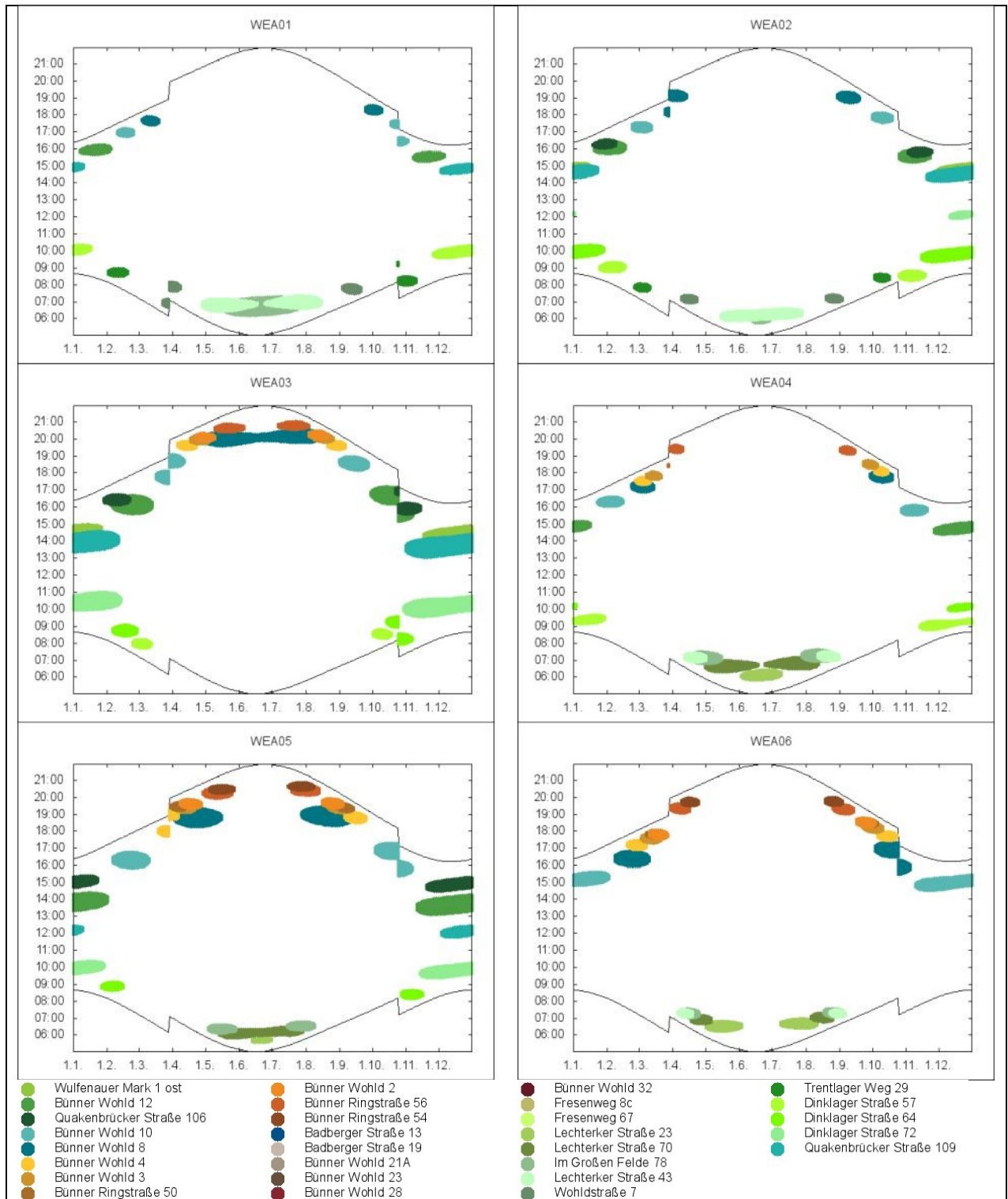


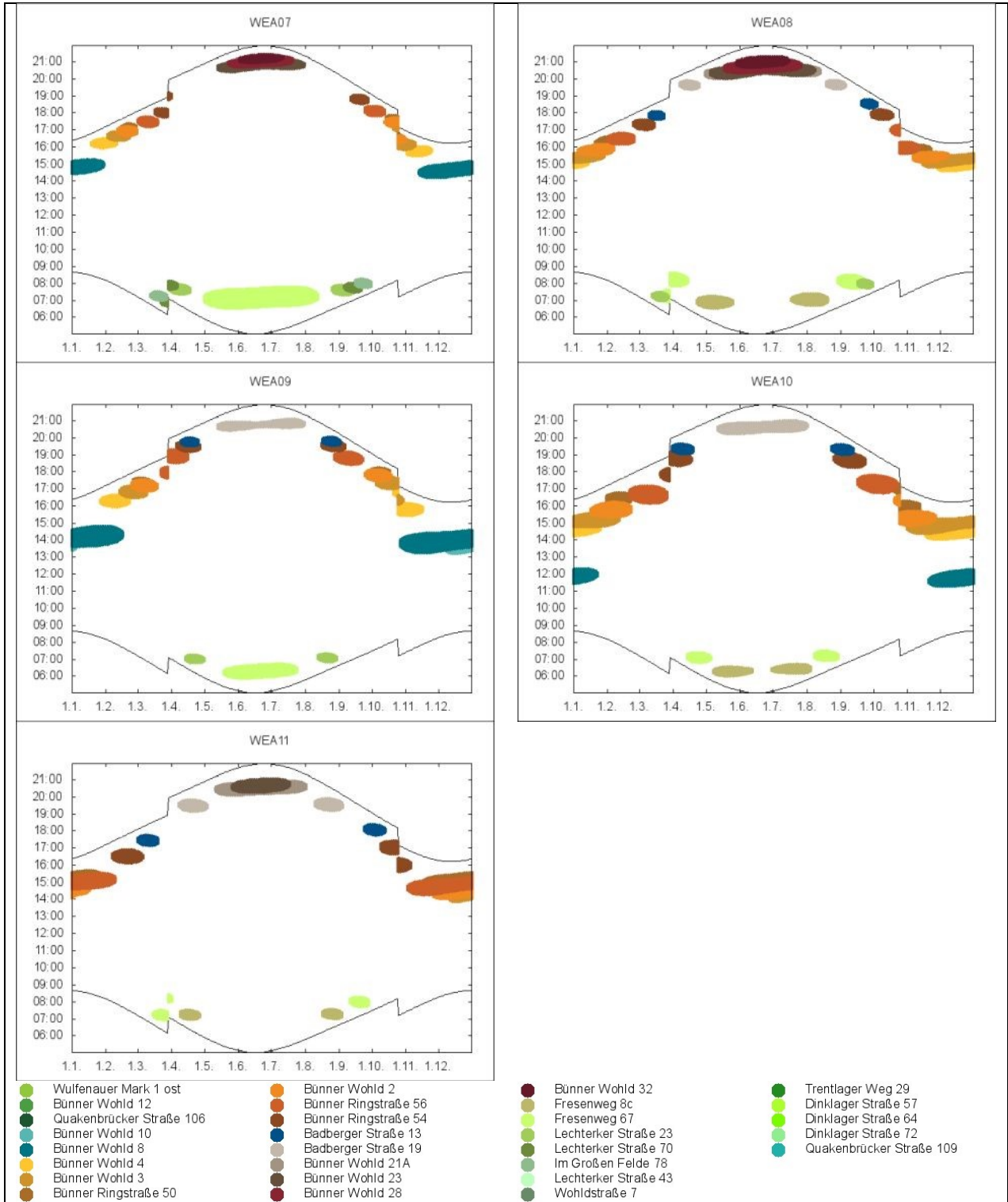




### 5.4.3 Graphische Kalender der astronomisch möglichen Beschattung pro WEA

In den nachfolgenden Abbildungen ist für jede der geplanten WEA graphisch dargestellt zu welchen Zeiträumen die exemplarischen Immissionsorte durch die jeweilige WEA beschattet werden.





## 6. ZUSAMMENFASSUNG DER ERGEBNISSE

Im Rahmen einer Windparkplanung am Standort Bünne-Wehdel ist von UL eine Schattenwurfprognose für elf geplante WEA des Typs Nordex N163-5.x durchgeführt worden. Als Kenndaten für die geplanten WEA wurden die Angaben des Herstellers zu Grunde gelegt, die Koordinaten der neu geplanten WEA wurden vom Auftraggeber übermittelt. Bei den Berechnungen wurden zwei weitere WEA als Vorbelastung berücksichtigt.

Es wurden folgende Berechnungskriterien für die Ermittlung der astronomisch möglichen Beschattungszeiten verwendet:

- Beschattungsbereich der WEA gemäß 20%-Überdeckungskriterium,
- minimale relevante Sonnenhöhe über Horizont von 3°,
- Tage zwischen Berechnungen: 1 Tag,
- Berechnungszeitsprung: 1 Minute.

An **77** Immissionsorten wird der Richtwert von 30 Std. pro Jahr überschritten, an einem weiteren IO wird er nahezu ausgeschöpft. An **72** Immissionsorten wird der Richtwert von 30 Minuten pro Tag überschritten

Gemäß den Hinweisen des Länderausschusses für Immissionsschutz [1] soll im Falle von Überschreitungen die Einhaltung der Immissionsschutzanforderungen durch geeignete technische Maßnahmen gewährleistet werden.

Wird eine Abschaltautomatik eingesetzt, die meteorologische Parameter berücksichtigt (z. B. Intensität des Sonnenlichtes, Änderung der Rotorstellung aufgrund von Windrichtungsänderung), ist auf die tatsächliche Beschattungsdauer von 8 Stunden zu begrenzen.

Bei Einsatz einer Abschaltautomatik, die keine meteorologischen Parameter berücksichtigt, ist durch diese auf die astronomisch maximal mögliche Beschattungsdauer von 30 Stunden pro Kalenderjahr zu begrenzen. Gemäß dem Ergebnisprotokoll des 6. Fachgesprächs über Umwelteinwirkungen von Windkraftanlagen [2], Frage 3.15 liegt aufgrund technischer und meteorologischer Randbedingungen der periodische Schattenwurf im Bereich von 24-27% des prognostizierten astronomisch möglichen Schattenwurfs. Daraus folgt, dass der worst case Richtwert von 30 Std./Jahr mit dem meteorologisch wahrscheinlichen Wert von 8 Std./Jahr korrespondiert.

Das StUA Schleswig überprüfte die Funktionsfähigkeit der 2006 erhältlichen Abschaltmodule in einem zweijährigen Praxistest, bei dem nach einer Anpassungsphase für alle Module und für übliche Immissionskonfigurationen an einem Einfamilienhaus gute Ergebnisse nachgewiesen werden konnten [7].

In Anhang E (Schattenwurfkalender je WEA) sind **alle** Zeiten aufgelistet, zu denen die jeweilige WEA Schattenwurf an einem der exemplarisch ausgewählten punktförmigen Immissionsorte beweglichen Schattenwurf verursacht.

## 6.1 Erläuterungen

Im Hinblick auf die Bewertung der berechneten Beschattungszeiten an den Gebäuden in der Umgebung der geplanten Windenergieanlagen kann folgendes gesagt werden:

Es existieren derzeit keine rechtsverbindlichen Immissionsgrenzwerte für den periodischen Schattenwurf von Windenergieanlagen. Gemäß den Hinweisen des Länderausschusses für Immissionsschutz [1] wird ein Richtwert von 30 Stunden pro Jahr (astronomisch mögliche Beschattungsdauer) sowie 30 Minuten pro Tag für die maximale Beschattungszeit von Immissionsorten empfohlen. Grundsätzlich obliegt jedoch die Festlegung der zulässigen Beschattungsdauer bis zu einer rechtsverbindlichen bundesweiten Regelung den Genehmigungsbehörden.

Grundsätzlich sind für die Reduzierung von Beschattungszeiten an Immissionsorten programmierbare Abschaltautomatiken für Windenergieanlagen erhältlich, welche zu den Uhrzeiten mit möglicher Schattenwurfbeeinträchtigung und gleichzeitig vorhandener Sonneneinstrahlung aktiviert werden. Bei der Programmierung der Abschaltzeiten sind jedoch die Unsicherheiten der Schattenwurfberechnung in Betracht zu ziehen. Diese liegen im Wesentlichen in

- der Ungenauigkeit der Koordinaten der Anlagenstandorte,
- der Ungenauigkeit der Koordinaten der Immissionsorte.

Die Genauigkeit der Schattenwurfberechnung kann ggf. durch eingemessene Höhen bzw. Koordinaten erhöht werden. Unabhängig davon ist zu beachten, dass zu unterschiedlichen Tageszeiten (d. h., z. B. bei Sonne im Osten oder Sonne im Westen) jeweils eine andere Seite eines Wohngebäudes hinsichtlich des Schattenwurfs relevant sein kann, so dass u. U. verschiedene Koordinaten für das betroffene Gebäude anzusetzen sind. Eventuell müssen weitere Immissionsorte, z.B. benachbarte Gebäude, bei der Programmierung der Schattenzeiten berücksichtigt werden. Derartige Details übersteigen jedoch den Rahmen einer normalen Ortsbegehung, wie sie im Rahmen der Bearbeitung dieses Projektes durchgeführt wurde.

Unter Berücksichtigung der Koordinaten und Abmessungen in Abschnitt 4 und 5.2 ergaben Berechnungen für vier aufeinanderfolgende Referenzjahre, dass die berechneten jährlichen Beschattungszeiten von Jahr zu Jahr um bis zu 1.8% schwanken (bezogen auf den Richtwert von 30 Std. pro Jahr entspricht dies ca. einer halben Stunde). Dabei fallen an Immissionsorten mit Beschattungszeiten zum Jahreswechsel die Beschattungszeiten für das Schaltjahr 2020 in der Regel höher aus als für die anderen betrachteten Jahre. Durch die Berücksichtigung aller Immissionsorte mit maximalen jährlichen Beschattungszeiten bis zu 29 Stunden im Jahr und die Berücksichtigung des Schaltjahres 2020 kann davon ausgegangen werden, dass alle Immissionsorte, an denen der empfohlene Richtwert für die jährliche Beschattung ausgeschöpft wird, erfasst sind.

Für das Schattenwurfkriterium maximale Beschattungszeit für einen Beschattungstag fallen die Unterschiede zwischen verschiedenen Referenzjahren mit +/- einer Minute gering aus. Durch die Berücksichtigung aller Immissionsorte mit maximalen täglichen Beschattungszeiten bis zu 29 Minuten pro Tag kann davon ausgegangen werden, dass alle Immissionsorte, an denen der empfohlene Richtwert für die tägliche Beschattung ausgeschöpft wird, erfasst sind.

Die berechneten Zeiten der astronomisch möglichen Beschattungszeiten können nur bei wolken- bzw. dunstfreiem Himmel und ungünstigster Rotorstellung (Rotor senkrecht zur Richtung Sonne – Betrachter) erreicht werden. Angesichts der zu erwartenden Beschattungszeiten unter Berücksichtigung der tatsächlichen Sonnenscheindauer und der Windrichtungsverteilung reduzieren sich die Beschattungszeiten jedoch deutlich.

Mögliche Sichteinschränkungen durch Bewuchs wurden hier nicht berücksichtigt, da diese zum beliebigen Zeitpunkt entfernt werden können. Dadurch kann während der Vegetationsperiode der



Sichtkontakt zu manchen Wohngebäuden zu den Anlagenstandorten auch eingeschränkt werden, wodurch die Beschattungszeiten weiter reduziert würden. Es kann jedoch keine Aussage darüber getroffen werden, inwieweit der derzeitige Bewuchs über die Betriebsjahre der Windenergieanlagen bestehen bleibt.

Nicht berücksichtigt in den Berechnungen der astronomisch möglichen Beschattungszeiten wurden Anlagenstillstände z. B. bei Flaute oder starken Stürmen. Durch diese Faktoren würden die *wahrscheinlichen* Abschattungszeiten weiter herabgesetzt werden.

Grundsätzlich kann dagegen die Betrachtung von Schattenwurf betroffener Flächen an den Wohnhäusern (z. B. Terrassen- oder Fensterflächen) je nach Größe zu höheren Beschattungszeiten führen als die hier durchgeführten Berechnungen für Betrachtungspunkte.

Die wesentlichen Ergebnisse der Schattenwurfberechnungen für die 80 berechneten Immissionsorte sind in 5.3 zusammengefasst. Die genauen Beschattungszeiten für jeden Beschattungstag können einzeln für jeden Immissionsort aus dem Kalender im Anhang entnommen werden.

UL weist darauf hin, dass die vorliegenden Berechnungen nur gültig für die in diesem Bericht in Abschnitt 4 dargestellten Kenndaten der WEA sind. Änderungen der WEA-Koordinaten, IO-Koordinaten, Nabenhöhe und Rotordurchmesser können zu Veränderungen der Beschattungszeiten am jeweiligen Betrachtungspunkt führen. Für die betreffenden Immissionsorte wurden die Berechnungen jeweils für diejenige Ecke der Gebäude auf Kartengrundlage durchgeführt, für die aufgrund Ihrer Entfernung und Richtung zur WEA die größte Schattenwurfhäufigkeit durch die Zusatzbelastung zu erwarten ist.

## 6.2 Allgemeine Bemerkungen

Als Grundlage für die Ermittlungen dienten die Angaben des Auftraggebers sowie des WEA-Herstellers. Die Ergebnisse wurden nach bestem Wissen und Gewissen und nach allgemein anerkannten Regeln der Technik ermittelt. Es ist dabei zu berücksichtigen, dass Daten, die nicht ausschließlich von UL verarbeitet werden, zwar - soweit möglich - überprüft und plausibilisiert wurden, dass aber prinzipiell keine Fehlerfreiheit garantiert werden kann.

## ANHANG A FOTODOKUMENTATION

Die nachfolgenden Abbildungen zeigen die 29 exemplarisch ausgewählten Immissionsorte, für IO 31 (Bünner Ringstraße 54) liegt dabei kein Foto vor.



Abbildung A.1: IO 3, Wulfenauer Mark 1 ost



Abbildung A.2: IO 5, Bünne 77



Abbildung A.3: IO 9, Quakenbrücker Straße 106



Abbildung A.4: IO 16, Bünner Wohld 10



Abbildung A.5: IO 19, Bünner Wohld 8



Abbildung A.6: IO 22, Bünner Wohld 4



**Abbildung A.7: IO 23, Bünner Wohld 3**



**Abbildung A.8: IO 25, Bünner Ringstraße 50**



**Abbildung A.9: IO 27, Bünner Wohld 2**



**Abbildung A.10: IO 30, Bünner Ringstraße 56**



**Abbildung A.11: IO 32, Badberger Straße 13**



**Abbildung A.12: IO 34, Badberger Straße 19**



Abbildung A.13: IO 36, Bünner Wohld 21A



Abbildung A.14: IO 40, Bünner Wohld 23



Abbildung A.15: IO 48, Bünner Wohld 28



Abbildung A.16: IO 53, Bünner Wohld 32



Abbildung A.17: IO 54, Fresenweg 8c



Abbildung A.18: IO 55, Fresenweg 67



**Abbildung A.19: IO 59, Lechterker Straße 23**



**Abbildung A.20: IO 60, Lechterker Straße 70**



**Abbildung A.21: IO 66, Im Großen Felde 78**



**Abbildung A.22: IO 67, Lechterker Straße 43**



**Abbildung A.23: IO 68, Wohldstraße 7**



**Abbildung A.24: IO 69, Trentlager Weg 29**



**Abbildung A.25: IO 73, Dinklager Straße 57**



**Abbildung A.26: IO 76, Dinklager Straße 64**

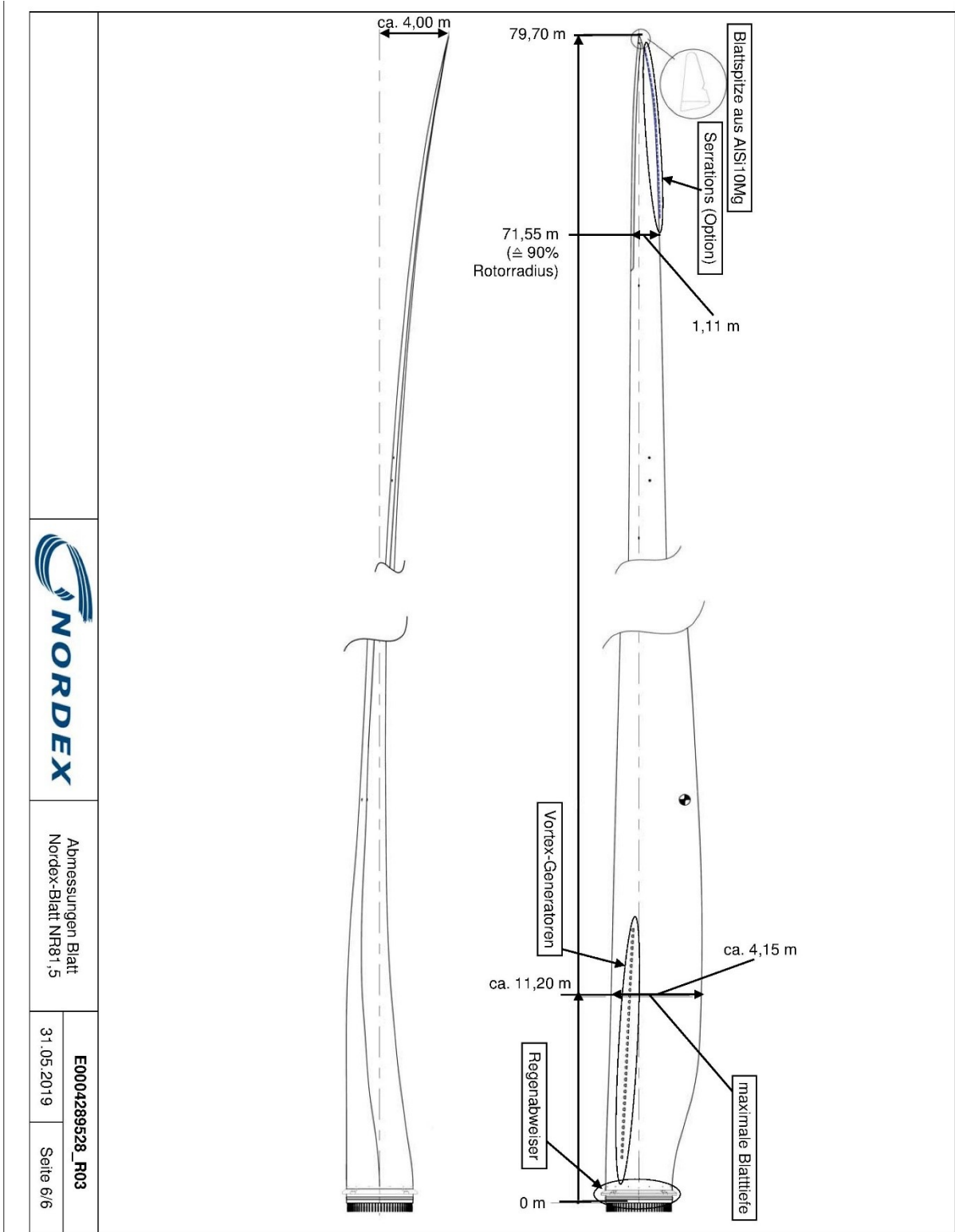


**Abbildung A.27: IO 78, Dinklager Straße 72**



**Abbildung A.28: IO 80, Quakenbrücker Straße  
109**

## ANHANG B HERSTELLERANGABEN



## ANHANG C DETAILLIERTE SCHATTENWURFKALENDER

Die nachfolgenden Tabellen zeigen die detaillierten Schattenwurfkalender für die 29 exemplarisch ausgewählten Immissionsorte.

Zur Erstellung der Schattenwurfkalender werden die Minuten mit Schattenwurf aus der Software WindPro [A] exportiert, in eine Datenbank eingelesen und ausgewertet.

Dargestellt sind für jeden Tag mit Schattenwurf im Referenzjahr die Schattenwurfintervalle ausgehend von den einzelnen WEA. Überlappt sich das Schattenwurfintervall einer WEA mit dem Schattenwurfintervall einer anderen WEA, so werden die jeweiligen Start- und Endzeiten grau zurückgesetzt. Dargestellt ist jeweils die Anzahl der Minuten mit Schattenwurf durch die jeweilige WEA sowie die Gesamtzahl an Schattenwurfminuten am jeweiligen Immissionsort unter Berücksichtigung eventueller Überlappungen. Überschreitungen des empfohlenen Richtwertes von 30 Minuten pro Tag sind in der Spalte „Min gesamt“ rot hervorgehoben.

Die Dauer der dargestellten Schattenwurfintervalle ist mit einer Unsicherheit von +/- 1Minute dargestellt.

Wulfenauer Mark 1 ost						
Datum	Start	Ende	WEA	Min WEA	Min gesamt	
01.01	14:11	14:52	WEA03	41	56	
	14:41	15:07	WEA02	26		
02.01	14:12	14:53	WEA03	41	55	
	14:42	15:07	WEA02	25		
03.01	14:12	14:54	WEA03	42	56	
	14:43	15:08	WEA02	25		
04.01	14:12	14:53	WEA03	41	55	
	14:43	15:07	WEA02	24		
05.01	14:13	14:54	WEA03	41	55	
	14:44	15:08	WEA02	24		
06.01	14:14	14:55	WEA03	41	55	
	14:46	15:09	WEA02	23		
07.01	14:14	14:55	WEA03	41	54	
	14:46	15:08	WEA02	22		
08.01	14:14	14:55	WEA03	41	54	
	14:47	15:08	WEA02	21		
09.01	14:15	14:56	WEA03	41	53	
	14:48	15:08	WEA02	20		
10.01	14:16	14:55	WEA03	39	52	
	14:49	15:08	WEA02	19		
11.01	14:16	14:55	WEA03	39	51	
	14:50	15:07	WEA02	17		
12.01	14:17	14:55	WEA03	38	49	
	14:51	15:06	WEA02	15		
13.01	14:18	14:56	WEA03	38	48	
	14:54	15:06	WEA02	12		
14.01	14:19	14:56	WEA03	37	45	
	14:56	15:04	WEA02	8		
15.01	14:19	14:56	WEA03	37	37	

Wulfenauer Mark 1 ost						
Datum	Start	Ende	WEA	Min WEA	Min gesamt	
16.01	14:20	14:56	WEA03	36	36	
17.01	14:20	14:55	WEA03	35	35	
18.01	14:21	14:55	WEA03	34	41	
	15:58	16:05	Bad02	7		
19.01	14:22	14:55	WEA03	33	44	
	15:56	16:07	Bad02	11		
20.01	14:24	14:55	WEA03	31	45	
	15:55	16:09	Bad02	14		
21.01	14:25	14:55	WEA03	30	46	
	15:55	16:11	Bad02	16		
22.01	14:26	14:54	WEA03	28	45	
	15:54	16:11	Bad02	17		
23.01	14:28	14:53	WEA03	25	45	
	15:53	16:13	Bad02	20		
24.01	14:30	14:52	WEA03	22	42	
	15:54	16:14	Bad02	20		
25.01	14:32	14:50	WEA03	18	39	
	15:53	16:14	Bad02	21		
26.01	14:35	14:48	WEA03	13	35	
	15:53	16:15	Bad02	22		
27.01	14:40	14:43	WEA03	3	26	
	15:53	16:16	Bad02	23		
28.01	15:52	16:16	Bad02	24	24	
29.01	15:53	16:16	Bad02	23	23	
30.01	15:53	16:16	Bad02	23	23	
31.01	15:54	16:17	Bad02	23	23	
01.02	15:54	16:17	Bad02	23	23	
02.02	15:54	16:16	Bad02	22	22	
03.02	15:55	16:16	Bad02	21	21	



Wulfenauer Mark 1 ost						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
04.02	15:56	16:15	Bad02		19	19
05.02	15:57	16:15	Bad02		18	18
06.02	15:59	16:13	Bad02		14	14
07.02	16:01	16:11	Bad02		10	10
04.11	15:34	15:38	Bad02		4	4
05.11	15:30	15:42	Bad02		12	12
06.11	15:28	15:43	Bad02		15	15
07.11	15:27	15:45	Bad02		18	18
08.11	15:26	15:46	Bad02		20	20
09.11	15:26	15:46	Bad02		20	20
10.11	15:25	15:47	Bad02		22	22
11.11	15:25	15:48	Bad02		23	23
12.11	15:25	15:48	Bad02		23	23
13.11	15:25	15:48	Bad02		23	23
14.11	15:25	15:48	Bad02		23	23
15.11	15:25	15:48	Bad02		23	23
16.11	14:13	14:16	WEA03		3	
	15:26	15:49	Bad02		23	26
17.11	14:08	14:22	WEA03		14	
	15:26	15:48	Bad02		22	36
18.11	14:06	14:24	WEA03		18	
	15:27	15:48	Bad02		21	39
19.11	14:04	14:26	WEA03		22	
	15:28	15:48	Bad02		20	42
20.11	14:03	14:28	WEA03		25	
	15:28	15:48	Bad02		20	45
21.11	14:02	14:30	WEA03		28	
	15:30	15:48	Bad02		18	46
22.11	14:01	14:31	WEA03		30	
	15:31	15:47	Bad02		16	46
23.11	14:00	14:31	WEA03		31	
	15:31	15:45	Bad02		14	45
24.11	14:00	14:32	WEA03		32	
	15:33	15:44	Bad02		11	43
25.11	13:59	14:33	WEA03		34	
	15:36	15:43	Bad02		7	41
26.11	13:59	14:34	WEA03		35	35
27.11	13:59	14:36	WEA03		37	37
28.11	13:59	14:36	WEA03		37	37
29.11	13:59	14:37	WEA03		38	
	14:37	14:44	WEA02		7	45
30.11	13:59	14:38	WEA03		39	
	14:35	14:47	WEA02		12	48
01.12	13:59	14:38	WEA03		39	
	14:34	14:48	WEA02		14	49
02.12	13:59	14:39	WEA03		40	
	14:33	14:50	WEA02		17	51
03.12	14:00	14:40	WEA03		40	
	14:33	14:52	WEA02		19	52
04.12	14:00	14:40	WEA03		40	
	14:32	14:52	WEA02		20	52
05.12	13:59	14:40	WEA03		41	
	14:32	14:53	WEA02		21	54
06.12	14:00	14:41	WEA03		41	
	14:32	14:54	WEA02		22	54
07.12	14:00	14:41	WEA03		41	
	14:32	14:55	WEA02		23	55
08.12	14:01	14:42	WEA03		41	
	14:33	14:56	WEA02		23	55

Wulfenauer Mark 1 ost						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
09.12	14:01	14:42	WEA03		41	
	14:32	14:57	WEA02		25	56
10.12	14:01	14:43	WEA03		42	
	14:32	14:57	WEA02		25	56
11.12	14:02	14:43	WEA03		41	
	14:32	14:58	WEA02		26	56
12.12	14:02	14:43	WEA03		41	
	14:33	14:58	WEA02		25	56
13.12	14:02	14:44	WEA03		42	
	14:33	14:59	WEA02		26	57
14.12	14:03	14:44	WEA03		41	
	14:33	14:59	WEA02		26	56
15.12	14:03	14:45	WEA03		42	
	14:34	15:00	WEA02		26	57
16.12	14:04	14:45	WEA03		41	
	14:34	15:01	WEA02		27	57
17.12	14:04	14:46	WEA03		42	
	14:35	15:01	WEA02		26	57
18.12	14:05	14:47	WEA03		42	
	14:35	15:02	WEA02		27	57
19.12	14:05	14:46	WEA03		41	
	14:35	15:02	WEA02		27	57
20.12	14:06	14:47	WEA03		41	
	14:36	15:03	WEA02		27	57
21.12	14:07	14:48	WEA03		41	
	14:37	15:04	WEA02		27	57
22.12	14:07	14:48	WEA03		41	
	14:37	15:04	WEA02		27	57
23.12	14:07	14:48	WEA03		41	
	14:37	15:04	WEA02		27	57
24.12	14:08	14:49	WEA03		41	
	14:38	15:05	WEA02		27	57
25.12	14:08	14:50	WEA03		42	
	14:38	15:05	WEA02		27	57
26.12	14:08	14:50	WEA03		42	
	14:38	15:05	WEA02		27	57
27.12	14:09	14:50	WEA03		41	
	14:39	15:05	WEA02		26	56
28.12	14:09	14:51	WEA03		42	
	14:39	15:06	WEA02		27	57
29.12	14:10	14:51	WEA03		41	
	14:40	15:06	WEA02		26	56
30.12	14:10	14:51	WEA03		41	
	14:41	15:06	WEA02		25	56
31.12	14:11	14:52	WEA03		41	
	14:41	15:07	WEA02		26	56



Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	13:21	14:15	WEA05		54	82
	14:37	15:05	WEA04		28	
02.01	13:22	14:16	WEA05		54	83
	14:37	15:06	WEA04		29	
03.01	13:23	14:17	WEA05		54	82
	14:38	15:06	WEA04		28	
04.01	13:22	14:17	WEA05		55	83
	14:38	15:06	WEA04		28	
05.01	13:23	14:17	WEA05		54	81
	14:39	15:06	WEA04		27	
06.01	13:23	14:17	WEA05		54	80
	14:40	15:06	WEA04		26	
07.01	13:24	14:18	WEA05		54	80
	14:41	15:07	WEA04		26	
08.01	13:24	14:18	WEA05		54	86
	14:41	15:06	WEA04		25	
	15:48	15:55	WEA01		7	
09.01	13:25	14:19	WEA05		54	87
	14:43	15:07	WEA04		24	
	15:48	15:57	WEA01		9	
10.01	13:26	14:19	WEA05		53	89
	14:43	15:06	WEA04		23	
	15:46	15:59	WEA01		13	
11.01	13:26	14:19	WEA05		53	89
	14:44	15:06	WEA04		22	
	15:46	16:00	WEA01		14	
12.01	13:26	14:19	WEA05		53	90
	14:45	15:06	WEA04		21	
	15:45	16:01	WEA01		16	
13.01	13:28	14:20	WEA05		52	89
	14:47	15:06	WEA04		19	
	15:45	16:03	WEA01		18	
14.01	13:28	14:20	WEA05		52	87
	14:49	15:05	WEA04		16	
	15:45	16:04	WEA01		19	
15.01	13:29	14:21	WEA05		52	86
	14:50	15:04	WEA04		14	
	15:45	16:05	WEA01		20	
16.01	13:30	14:21	WEA05		51	82
	14:53	15:03	WEA04		10	
	15:45	16:06	WEA01		21	
17.01	13:29	14:20	WEA05		51	75
	14:56	14:58	WEA04		2	
	15:44	16:06	WEA01		22	
18.01	13:30	14:20	WEA05		50	73
	15:44	16:07	WEA01		23	
19.01	13:31	14:20	WEA05		49	73
	15:44	16:08	WEA01		24	
20.01	13:32	14:20	WEA05		48	73
	15:44	16:09	WEA01		25	
	15:56	16:05	WEA02		9	
21.01	13:33	14:20	WEA05		47	72
	15:44	16:09	WEA01		25	
	15:54	16:08	WEA02		14	
22.01	13:33	14:20	WEA05		47	72
	15:44	16:09	WEA01		25	
	15:52	16:09	WEA02		17	
23.01	13:35	14:20	WEA05		45	72
	15:44	16:10	WEA01		26	
	15:51	16:11	WEA02		20	

Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
24.01	13:35	14:19	WEA05		44	72
	15:44	16:10	WEA01		26	
	15:49	16:12	WEA02		23	
25.01	13:37	14:18	WEA05		41	70
	15:45	16:10	WEA01		25	
	15:49	16:14	WEA02		25	
26.01	13:39	14:18	WEA05		39	69
	15:46	16:11	WEA01		25	
	15:49	16:16	WEA02		27	
27.01	13:39	14:17	WEA05		38	68
	15:46	16:11	WEA01		25	
	15:48	16:16	WEA02		28	
28.01	13:41	14:16	WEA05		35	66
	15:46	16:10	WEA01		24	
	15:47	16:17	WEA02		30	
29.01	13:43	14:15	WEA05		32	63
	15:47	16:10	WEA01		23	
	15:47	16:18	WEA02		31	
30.01	13:45	14:13	WEA05		28	61
	15:46	16:19	WEA02		33	
	15:48	16:10	WEA01		22	
31.01	13:47	14:11	WEA05		24	57
	15:46	16:19	WEA02		33	
	15:48	16:09	WEA01		21	
01.02	13:51	14:09	WEA05		18	52
	15:46	16:20	WEA02		34	
	15:50	16:09	WEA01		19	
02.02	13:55	14:04	WEA05		9	43
	15:46	16:20	WEA02		34	
	15:51	16:07	WEA01		16	
03.02	15:46	16:21	WEA02		35	35
	15:53	16:05	WEA01		12	
04.02	15:45	16:21	WEA02		36	36
	15:57	16:02	WEA01		5	
05.02	15:46	16:22	WEA02		36	36
	16:05	16:11	WEA03		6	
06.02	15:46	16:21	WEA02		35	35
	15:59	16:17	WEA03		18	
07.02	15:47	16:21	WEA02		34	34
	15:56	16:20	WEA03		24	
08.02	15:47	16:21	WEA02		34	36
	15:54	16:23	WEA03		29	
09.02	15:47	16:21	WEA02		34	38
	15:52	16:25	WEA03		33	
10.02	15:48	16:20	WEA02		32	38
	15:50	16:26	WEA03		36	
11.02	15:48	16:28	WEA03		40	40
	15:49	16:20	WEA02		31	
12.02	15:47	16:29	WEA03		42	42
	15:49	16:19	WEA02		30	
13.02	15:46	16:30	WEA03		44	44
	15:50	16:18	WEA02		28	
14.02	15:45	16:31	WEA03		46	55
	15:52	16:17	WEA02		25	
	16:57	17:06	Bad01		9	
15.02	15:44	16:32	WEA03		48	61
	15:53	16:16	WEA02		23	
	16:55	17:08	Bad01		13	
16.02	15:44	16:33	WEA03		49	64
	15:56	16:14	WEA02		18	
	16:54	17:09	Bad01		15	



Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
17.02	15:43	16:34	WEA03		51	68
	15:59	16:11	WEA02		12	
	16:53	17:10	Bad01		17	
18.02	15:42	16:35	WEA03		53	71
	16:53	17:11	Bad01		18	
19.02	15:41	16:34	WEA03		53	71
	16:52	17:10	Bad01		18	
20.02	15:41	16:35	WEA03		54	72
	16:52	17:10	Bad01		18	
21.02	15:40	16:35	WEA03		55	73
	16:52	17:10	Bad01		18	
22.02	15:40	16:36	WEA03		56	74
	16:52	17:10	Bad01		18	
23.02	15:40	16:36	WEA03		56	73
	16:53	17:10	Bad01		17	
24.02	15:39	16:35	WEA03		56	71
	16:53	17:08	Bad01		15	
25.02	15:39	16:36	WEA03		57	68
	16:55	17:06	Bad01		11	
26.02	15:40	16:36	WEA03		56	61
	16:58	17:03	Bad01		5	
27.02	15:40	16:36	WEA03		56	56
28.02	15:39	16:35	WEA03		56	64
	17:16	17:24	Bad02		8	
29.02	15:40	16:35	WEA03		55	69
	17:13	17:27	Bad02		14	
01.03	15:40	16:34	WEA03		54	72
	17:11	17:29	Bad02		18	
02.03	15:40	16:33	WEA03		53	74
	17:08	17:29	Bad02		21	
03.03	15:41	16:33	WEA03		52	75
	17:08	17:31	Bad02		23	
04.03	15:42	16:32	WEA03		50	74
	17:07	17:31	Bad02		24	
05.03	15:43	16:31	WEA03		48	73
	17:07	17:32	Bad02		25	
06.03	15:43	16:30	WEA03		47	74
	17:05	17:32	Bad02		27	
07.03	15:45	16:29	WEA03		44	71
	17:05	17:32	Bad02		27	
08.03	15:45	16:27	WEA03		42	68
	17:05	17:31	Bad02		26	
09.03	15:47	16:25	WEA03		38	64
	17:05	17:31	Bad02		26	
10.03	15:49	16:24	WEA03		35	59
	17:06	17:30	Bad02		24	
11.03	15:51	16:21	WEA03		30	54
	17:05	17:29	Bad02		24	
12.03	15:54	16:18	WEA03		24	45
	17:07	17:28	Bad02		21	
13.03	15:58	16:14	WEA03		16	35
	17:08	17:27	Bad02		19	
14.03	17:09	17:24	Bad02		15	15
15.03	17:12	17:21	Bad02		9	9
28.09	17:55	18:00	Bad02		5	5
29.09	17:51	18:04	Bad02		13	13
30.09	16:39	16:51	WEA03		12	30
	17:47	18:05	Bad02		18	
01.10	16:34	16:56	WEA03		22	42
	17:46	18:06	Bad02		20	

Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.10	16:31	16:59	WEA03		28	50
	17:45	18:07	Bad02		22	
03.10	16:28	17:01	WEA03		33	57
	17:44	18:08	Bad02		24	
04.10	16:25	17:01	WEA03		36	62
	17:42	18:08	Bad02		26	
05.10	16:23	17:03	WEA03		40	66
	17:42	18:08	Bad02		26	
06.10	16:21	17:04	WEA03		43	70
	17:41	18:08	Bad02		27	
07.10	16:20	17:05	WEA03		45	72
	17:41	18:08	Bad02		27	
08.10	16:19	17:06	WEA03		47	73
	17:41	18:07	Bad02		26	
09.10	16:16	17:06	WEA03		50	75
	17:41	18:06	Bad02		25	
10.10	16:15	17:06	WEA03		51	75
	17:41	18:05	Bad02		24	
11.10	16:15	17:07	WEA03		52	74
	17:42	18:04	Bad02		22	
12.10	16:14	17:07	WEA03		53	73
	17:43	18:03	Bad02		20	
13.10	16:13	17:08	WEA03		55	71
	17:45	18:01	Bad02		16	
14.10	16:13	17:08	WEA03		55	67
	17:47	17:59	Bad02		12	
15.10	16:12	17:08	WEA03		56	56
16.10	16:11	17:07	WEA03		56	64
	17:28	17:36	Bad01		8	
17.10	16:11	17:07	WEA03		56	68
	17:26	17:38	Bad01		12	
18.10	16:11	17:07	WEA03		56	71
	17:26	17:38	Bad01		12	
19.10	16:11	17:07	WEA03		56	74
	17:24	17:39	Bad01		15	
20.10	16:11	17:06	WEA03		55	72
	17:23	17:40	Bad01		17	
21.10	16:11	17:06	WEA03		55	74
	17:22	17:41	Bad01		19	
22.10	16:11	17:06	WEA03		55	74
	17:22	17:41	Bad01		19	
23.10	16:11	17:05	WEA03		54	73
	17:22	17:41	Bad01		19	
24.10	16:12	17:05	WEA03		53	72
	17:22	17:41	Bad01		19	
25.10	15:12	16:04	WEA03		52	70
	16:22	16:40	Bad01		18	
26.10	15:13	16:03	WEA03		50	67
	15:27	15:41	WEA02		14	
	16:23	16:40	Bad01		17	
27.10	15:13	16:03	WEA03		50	65
	15:25	15:44	WEA02		19	
	16:24	16:39	Bad01		15	
28.10	15:14	16:02	WEA03		48	60
	15:23	15:45	WEA02		22	
	16:25	16:37	Bad01		12	
29.10	15:15	16:01	WEA03		46	54
	15:21	15:47	WEA02		26	
	16:27	16:35	Bad01		8	
30.10	15:16	16:00	WEA03		44	44
	15:20	15:48	WEA02		28	



Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
31.10	15:17	15:58	WEA03		41	41
	15:19	15:49	WEA02		30	
01.11	15:18	15:49	WEA02		31	39
	15:18	15:57	WEA03		39	
02.11	15:17	15:50	WEA02		33	39
	15:20	15:56	WEA03		36	
03.11	15:17	15:50	WEA02		33	37
	15:22	15:54	WEA03		32	
04.11	15:17	15:51	WEA02		34	35
	15:24	15:52	WEA03		28	
05.11	15:16	15:51	WEA02		35	35
	15:26	15:49	WEA03		23	
06.11	15:16	15:51	WEA02		35	35
	15:29	15:46	WEA03		17	
07.11	15:16	15:51	WEA02		35	35
	15:37	15:39	WEA03		2	
08.11	15:16	15:51	WEA02		35	35
	15:27	15:33	WEA01		6	
09.11	15:16	15:51	WEA02		35	35
	15:24	15:36	WEA01		12	
10.11	13:26	13:35	WEA05		9	43
	15:17	15:51	WEA02		34	
	15:22	15:38	WEA01		16	
11.11	13:21	13:40	WEA05		19	53
	15:17	15:51	WEA02		34	
	15:21	15:40	WEA01		19	
12.11	13:18	13:43	WEA05		25	58
	15:18	15:51	WEA02		33	
	15:20	15:41	WEA01		21	
13.11	13:16	13:45	WEA05		29	62
	15:18	15:51	WEA02		33	
	15:20	15:42	WEA01		22	
14.11	13:15	13:47	WEA05		32	63
	15:19	15:42	WEA01		23	
	15:19	15:50	WEA02		31	
15.11	13:13	13:49	WEA05		36	67
	15:19	15:43	WEA01		24	
	15:20	15:50	WEA02		30	
16.11	13:12	13:50	WEA05		38	68
	15:19	15:44	WEA01		25	
	15:21	15:49	WEA02		28	
17.11	13:12	13:51	WEA05		39	69
	15:19	15:44	WEA01		25	
	15:22	15:49	WEA02		27	
18.11	13:11	13:52	WEA05		41	70
	15:19	15:44	WEA01		25	
	15:23	15:48	WEA02		25	
19.11	13:10	13:54	WEA05		44	72
	15:19	15:45	WEA01		26	
	15:24	15:47	WEA02		23	
20.11	13:10	13:55	WEA05		45	72
	15:19	15:45	WEA01		26	
	15:26	15:46	WEA02		20	
21.11	13:09	13:56	WEA05		47	72
	15:20	15:45	WEA01		25	
	15:28	15:45	WEA02		17	
22.11	13:09	13:56	WEA05		47	73
	15:20	15:46	WEA01		26	
	15:30	15:44	WEA02		14	

Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
23.11	13:08	13:56	WEA05		48	73
	15:20	15:45	WEA01		25	
	15:32	15:41	WEA02		9	
24.11	13:08	13:57	WEA05		49	73
	15:21	15:45	WEA01		24	
25.11	13:08	13:58	WEA05		50	73
	15:22	15:45	WEA01		23	
26.11	13:08	13:59	WEA05		51	73
	15:23	15:45	WEA01		22	
27.11	13:09	14:00	WEA05		51	82
	14:32	14:42	WEA04		10	
	15:24	15:45	WEA01		21	
28.11	13:08	14:00	WEA05		52	85
	14:30	14:43	WEA04		13	
	15:24	15:44	WEA01		20	
29.11	13:08	14:01	WEA05		53	88
	14:29	14:45	WEA04		16	
	15:25	15:44	WEA01		19	
30.11	13:09	14:01	WEA05		52	89
	14:28	14:47	WEA04		19	
	15:26	15:44	WEA01		18	
01.12	13:08	14:01	WEA05		53	90
	14:27	14:48	WEA04		21	
	15:27	15:43	WEA01		16	
02.12	13:09	14:02	WEA05		53	89
	14:27	14:49	WEA04		22	
	15:29	15:43	WEA01		14	
03.12	13:09	14:02	WEA05		53	89
	14:27	14:50	WEA04		23	
	15:29	15:42	WEA01		13	
04.12	13:10	14:03	WEA05		53	87
	14:27	14:51	WEA04		24	
	15:32	15:42	WEA01		10	
05.12	13:09	14:03	WEA05		54	86
	14:26	14:51	WEA04		25	
	15:33	15:40	WEA01		7	
06.12	13:10	14:04	WEA05		54	80
	14:27	14:53	WEA04		26	
07.12	13:10	14:04	WEA05		54	80
	14:27	14:53	WEA04		26	
08.12	13:11	14:05	WEA05		54	80
	14:28	14:54	WEA04		26	
09.12	13:12	14:06	WEA05		54	82
	14:27	14:55	WEA04		28	
10.12	13:12	14:06	WEA05		54	82
	14:27	14:55	WEA04		28	
11.12	13:12	14:06	WEA05		54	82
	14:28	14:56	WEA04		28	
12.12	13:12	14:06	WEA05		54	82
	14:28	14:56	WEA04		28	
13.12	13:13	14:07	WEA05		54	83
	14:28	14:57	WEA04		29	
14.12	13:13	14:07	WEA05		54	83
	14:28	14:57	WEA04		29	
15.12	13:14	14:08	WEA05		54	83
	14:29	14:58	WEA04		29	
16.12	13:14	14:08	WEA05		54	84
	14:29	14:59	WEA04		30	
17.12	13:15	14:09	WEA05		54	83
	14:30	14:59	WEA04		29	



Bünner Wohld 12						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
18.12	13:16	14:10	WEA05		54	83
	14:31	15:00	WEA04		29	
19.12	13:16	14:10	WEA05		54	84
	14:30	15:00	WEA04		30	
20.12	13:16	14:10	WEA05		54	84
	14:31	15:01	WEA04		30	
21.12	13:16	14:10	WEA05		54	84
	14:31	15:01	WEA04		30	
22.12	13:17	14:11	WEA05		54	84
	14:32	15:02	WEA04		30	
23.12	13:17	14:11	WEA05		54	84
	14:32	15:02	WEA04		30	
24.12	13:18	14:12	WEA05		54	84
	14:33	15:03	WEA04		30	
25.12	13:19	14:13	WEA05		54	84
	14:33	15:03	WEA04		30	
26.12	13:19	14:13	WEA05		54	83
	14:34	15:03	WEA04		29	
27.12	13:19	14:13	WEA05		54	83
	14:34	15:03	WEA04		29	
28.12	13:20	14:14	WEA05		54	83
	14:35	15:04	WEA04		29	
29.12	13:20	14:14	WEA05		54	83
	14:35	15:04	WEA04		29	
30.12	13:21	14:15	WEA05		54	83
	14:36	15:05	WEA04		29	
31.12	13:21	14:15	WEA05		54	83
	14:36	15:05	WEA04		29	

Quakenbrücker Straße 106						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	14:44	15:16	WEA05		32	32
02.01	14:45	15:17	WEA05		32	32
03.01	14:46	15:18	WEA05		32	32
04.01	14:45	15:18	WEA05		33	33
05.01	14:46	15:18	WEA05		32	32
06.01	14:46	15:18	WEA05		32	32
07.01	14:47	15:19	WEA05		32	32
08.01	14:48	15:19	WEA05		31	31
09.01	14:49	15:20	WEA05		31	31
10.01	14:49	15:20	WEA05		31	31
11.01	14:49	15:20	WEA05		31	31
12.01	14:50	15:20	WEA05		30	30
13.01	14:51	15:21	WEA05		30	30
14.01	14:52	15:21	WEA05		29	29
15.01	14:53	15:21	WEA05		28	28
16.01	14:54	15:20	WEA05		26	26
17.01	14:54	15:19	WEA05		25	25
18.01	14:55	15:19	WEA05		24	24
19.01	14:56	15:19	WEA05		23	23
20.01	14:58	15:18	WEA05		20	
	16:10	16:16	WEA02		6	26
21.01	15:00	15:18	WEA05		18	
	16:09	16:18	WEA02		9	27
22.01	15:01	15:16	WEA05		15	
	16:07	16:19	WEA02		12	27
23.01	15:04	15:14	WEA05		10	
	16:06	16:22	WEA02		16	26
24.01	16:05	16:23	WEA02		18	18
25.01	16:05	16:25	WEA02		20	20
26.01	16:05	16:26	WEA02		21	21
27.01	16:05	16:27	WEA02		22	22
28.01	16:04	16:27	WEA02		23	23
29.01	16:05	16:28	WEA02		23	
	16:20	16:26	WEA03		6	23
30.01	16:05	16:28	WEA02		23	
	16:17	16:30	WEA03		13	25
31.01	16:04	16:28	WEA02		24	
	16:14	16:32	WEA03		18	28
01.02	16:05	16:29	WEA02		24	
	16:14	16:34	WEA03		20	29
02.02	16:06	16:28	WEA02		22	
	16:12	16:35	WEA03		23	29
03.02	16:06	16:28	WEA02		22	
	16:11	16:36	WEA03		25	30
04.02	16:06	16:27	WEA02		21	
	16:10	16:37	WEA03		27	31
05.02	16:08	16:27	WEA02		19	
	16:11	16:38	WEA03		27	30
06.02	16:09	16:26	WEA02		17	
	16:10	16:39	WEA03		29	30
07.02	16:10	16:25	WEA02		15	
	16:10	16:39	WEA03		29	29
08.02	16:09	16:40	WEA03		31	
	16:12	16:23	WEA02		11	31
09.02	16:09	16:40	WEA03		31	
	16:16	16:19	WEA02		3	31
10.02	16:09	16:40	WEA03		31	31
11.02	16:09	16:40	WEA03		31	31
12.02	16:09	16:40	WEA03		31	31

Quakenbrücker Straße 106						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
13.02	16:10	16:40	WEA03		30	30
14.02	16:10	16:40	WEA03		30	30
15.02	16:11	16:39	WEA03		28	28
16.02	16:12	16:38	WEA03		26	26
17.02	16:13	16:38	WEA03		25	25
18.02	16:14	16:37	WEA03		23	23
19.02	16:15	16:34	WEA03		19	19
20.02	16:17	16:32	WEA03		15	15
21.02	16:21	16:29	WEA03		8	8
22.10	16:50	17:00	WEA03		10	10
23.10	16:47	17:03	WEA03		16	16
24.10	16:45	17:05	WEA03		20	20
25.10	15:43	16:06	WEA03		23	23
26.10	15:42	16:07	WEA03		25	25
27.10	15:41	16:08	WEA03		27	27
28.10	15:40	16:09	WEA03		29	29
29.10	15:40	16:09	WEA03		29	29
30.10	15:39	16:10	WEA03		31	31
31.10	15:39	16:10	WEA03		31	31
01.11	15:39	16:10	WEA03		31	31
02.11	15:39	16:10	WEA03		31	31
03.11	15:39	16:10	WEA03		31	
	15:45	15:50	WEA02		5	31
04.11	15:39	16:09	WEA03		30	
	15:42	15:53	WEA02		11	30
05.11	15:39	16:09	WEA03		30	
	15:40	15:55	WEA02		15	30
06.11	15:39	15:56	WEA02		17	
	15:40	16:09	WEA03		29	30
07.11	15:38	15:57	WEA02		19	
	15:40	16:08	WEA03		28	30
08.11	15:37	15:58	WEA02		21	
	15:41	16:08	WEA03		27	31
09.11	15:37	15:59	WEA02		22	
	15:42	16:07	WEA03		25	30
10.11	15:36	15:59	WEA02		23	
	15:43	16:06	WEA03		23	30
11.11	15:36	15:59	WEA02		23	
	15:45	16:05	WEA03		20	29
12.11	15:36	16:00	WEA02		24	
	15:46	16:03	WEA03		17	27
13.11	15:36	16:00	WEA02		24	
	15:49	16:01	WEA03		12	25
14.11	15:37	16:00	WEA02		23	
	15:52	15:58	WEA03		6	23
15.11	15:37	16:00	WEA02		23	23
16.11	15:38	16:00	WEA02		22	22
17.11	15:38	15:59	WEA02		21	21
18.11	15:39	15:59	WEA02		20	20
19.11	15:40	15:58	WEA02		18	18
20.11	14:39	14:49	WEA05		10	
	15:41	15:57	WEA02		16	26
21.11	14:37	14:52	WEA05		15	
	15:43	15:55	WEA02		12	27
22.11	14:36	14:54	WEA05		18	
	15:45	15:54	WEA02		9	27
23.11	14:34	14:54	WEA05		20	
	15:46	15:52	WEA02		6	26
24.11	14:34	14:56	WEA05		22	22



Quakenbrücker Straße 106						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
25.11	14:33	14:57	WEA05		24	24
26.11	14:33	14:58	WEA05		25	25
27.11	14:33	14:59	WEA05		26	26
28.11	14:32	15:00	WEA05		28	28
29.11	14:32	15:01	WEA05		29	29
30.11	14:33	15:02	WEA05		29	29
01.12	14:32	15:02	WEA05		30	30
02.12	14:33	15:03	WEA05		30	30
03.12	14:32	15:03	WEA05		31	31
04.12	14:33	15:04	WEA05		31	31
05.12	14:33	15:04	WEA05		31	31
06.12	14:33	15:05	WEA05		32	32
07.12	14:33	15:05	WEA05		32	32
08.12	14:34	15:06	WEA05		32	32
09.12	14:35	15:07	WEA05		32	32
10.12	14:35	15:07	WEA05		32	32
11.12	14:35	15:07	WEA05		32	32
12.12	14:35	15:08	WEA05		33	33
13.12	14:36	15:08	WEA05		32	32
14.12	14:36	15:08	WEA05		32	32
15.12	14:37	15:09	WEA05		32	32
16.12	14:37	15:10	WEA05		33	33
17.12	14:38	15:10	WEA05		32	32
18.12	14:39	15:11	WEA05		32	32
19.12	14:38	15:11	WEA05		33	33
20.12	14:39	15:12	WEA05		33	33
21.12	14:39	15:11	WEA05		32	32
22.12	14:40	15:12	WEA05		32	32
23.12	14:40	15:12	WEA05		32	32
24.12	14:41	15:14	WEA05		33	33
25.12	14:42	15:14	WEA05		32	32
26.12	14:42	15:14	WEA05		32	32
27.12	14:42	15:14	WEA05		32	32
28.12	14:42	15:15	WEA05		33	33
29.12	14:43	15:15	WEA05		32	32
30.12	14:43	15:16	WEA05		33	33
31.12	14:44	15:16	WEA05		32	32

Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	13:24	13:40	WEA09		16	49
	14:51	15:24	WEA06		33	
02.01	13:25	13:40	WEA09		15	48
	14:52	15:25	WEA06		33	
03.01	13:27	13:40	WEA09		13	47
	14:52	15:26	WEA06		34	
04.01	13:28	13:38	WEA09		10	44
	14:52	15:26	WEA06		34	
05.01	13:32	13:37	WEA09		5	39
	14:53	15:27	WEA06		34	
06.01	14:52	15:27	WEA06		35	35
07.01	14:53	15:28	WEA06		35	35
08.01	14:53	15:28	WEA06		35	35
09.01	14:54	15:30	WEA06		36	36
10.01	14:54	15:30	WEA06		36	36
11.01	14:54	15:30	WEA06		36	36
12.01	14:54	15:31	WEA06		37	37
13.01	14:54	15:31	WEA06		37	37
14.01	14:56	15:32	WEA06		36	36
15.01	14:56	15:33	WEA06		37	37
16.01	14:56	15:33	WEA06		37	37
17.01	14:56	15:33	WEA06		37	37
18.01	14:56	15:33	WEA06		37	37
19.01	14:57	15:33	WEA06		36	36
20.01	14:58	15:34	WEA06		36	36
21.01	14:58	15:34	WEA06		36	36
22.01	14:58	15:34	WEA06		36	36
23.01	14:59	15:34	WEA06		35	35
	14:59	15:33	WEA06		34	
24.01	16:10	16:20	WEA04		10	44
	15:01	15:33	WEA06		32	
25.01	16:09	16:22	WEA04		13	45
	15:01	15:33	WEA06		32	
26.01	16:07	16:24	WEA04		17	49
	15:03	15:33	WEA06		30	
27.01	16:06	16:26	WEA04		20	50
	15:03	15:32	WEA06		29	
28.01	16:05	16:27	WEA04		22	51
	15:05	15:32	WEA06		27	
29.01	16:05	16:28	WEA04		23	50
	15:06	15:30	WEA06		24	
30.01	16:04	16:29	WEA04		25	49
	15:08	15:29	WEA06		21	
31.01	16:03	16:29	WEA04		26	47
	15:10	15:28	WEA06		18	
01.02	16:04	16:31	WEA04		27	45
	15:13	15:25	WEA06		12	
02.02	16:03	16:31	WEA04		28	40
	16:03	16:31	WEA04		28	
03.02	16:03	16:31	WEA04		28	28
04.02	16:03	16:31	WEA04		28	28
05.02	16:04	16:32	WEA04		28	28
06.02	16:04	16:32	WEA04		28	28
	16:14	16:21	WEA05		7	
07.02	16:04	16:32	WEA04		28	28
	16:09	16:26	WEA05		17	
08.02	16:04	16:32	WEA04		28	28
	16:06	16:29	WEA05		23	
09.02	16:04	16:32	WEA05		28	28
	16:05	16:31	WEA04		26	

Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
10.02	16:02	16:33	WEA05		31	35
	16:06	16:31	WEA04		25	
	16:54	16:58	WEA01		4	
11.02	16:01	16:35	WEA05		34	43
	16:07	16:30	WEA04		23	
	16:51	17:00	WEA01		9	
12.02	15:59	16:36	WEA05		37	51
	16:08	16:29	WEA04		21	
	16:49	17:03	WEA01		14	
13.02	15:58	16:38	WEA05		40	57
	16:09	16:27	WEA04		18	
	16:48	17:05	WEA01		17	
14.02	15:57	16:39	WEA05		42	62
	16:11	16:26	WEA04		15	
	16:47	17:07	WEA01		20	
15.02	15:57	16:40	WEA05		43	64
	16:14	16:23	WEA04		9	
	16:47	17:08	WEA01		21	
16.02	15:56	16:40	WEA05		44	66
	16:46	17:08	WEA01		22	
17.02	15:55	16:41	WEA05		46	68
	16:46	17:08	WEA01		22	
18.02	15:55	16:42	WEA05		47	70
	16:46	17:09	WEA01		23	
19.02	15:53	16:41	WEA05		48	71
	16:45	17:08	WEA01		23	
20.02	15:53	16:42	WEA05		49	70
	16:46	17:07	WEA01		21	
21.02	15:53	16:42	WEA05		49	70
	16:46	17:07	WEA01		21	
22.02	15:53	16:43	WEA05		50	69
	16:47	17:06	WEA01		19	
23.02	15:53	16:43	WEA05		50	67
	16:48	17:05	WEA01		17	
24.02	15:52	16:42	WEA05		50	75
	16:49	17:03	WEA01		14	
	17:11	17:22	WEA02		11	
25.02	15:52	16:42	WEA05		50	76
	16:52	17:01	WEA01		9	
	17:08	17:25	WEA02		17	
26.02	15:53	16:42	WEA05		49	70
	17:06	17:27	WEA02		21	
27.02	15:53	16:42	WEA05		49	72
	17:05	17:28	WEA02		23	
28.02	15:53	16:41	WEA05		48	73
	17:03	17:28	WEA02		25	
29.02	15:53	16:40	WEA05		47	73
	17:03	17:29	WEA02		26	
01.03	15:54	16:40	WEA05		46	74
	17:02	17:30	WEA02		28	
02.03	15:54	16:38	WEA05		44	73
	17:01	17:30	WEA02		29	
03.03	15:55	16:38	WEA05		43	72
	17:01	17:30	WEA02		29	
04.03	15:56	16:37	WEA05		41	70
	17:01	17:30	WEA02		29	
05.03	15:57	16:35	WEA05		38	67
	17:00	17:29	WEA02		29	
06.03	15:59	16:34	WEA05		35	63
	17:01	17:29	WEA02		28	





Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
07.03	16:01	16:32	WEA05		31	59
	17:01	17:29	WEA02		28	
08.03	16:02	16:29	WEA05		27	53
	17:01	17:27	WEA02		26	
09.03	16:05	16:27	WEA05		22	46
	17:02	17:26	WEA02		24	
10.03	16:09	16:23	WEA05		14	36
	17:03	17:25	WEA02		22	
11.03	17:04	17:23	WEA02		19	19
12.03	17:07	17:20	WEA02		13	13
13.03	17:12	17:16	WEA02		4	4
17.03	17:39	17:53	WEA03		14	14
18.03	17:36	17:57	WEA03		21	21
19.03	17:33	17:58	WEA03		25	25
20.03	17:31	18:00	WEA03		29	29
21.03	17:30	18:02	WEA03		32	32
22.03	17:28	18:02	WEA03		34	39
	18:09	18:14	Bad02		5	
23.03	17:27	18:03	WEA03		36	48
	18:05	18:17	Bad02		12	
24.03	17:25	18:03	WEA03		38	53
	18:03	18:18	Bad02		15	
25.03	17:25	18:03	WEA03		38	54
	18:02	18:19	Bad02		17	
26.03	17:24	18:04	WEA03		40	56
	18:01	18:20	Bad02		19	
27.03	17:23	18:03	WEA03		40	56
	18:00	18:19	Bad02		19	
28.03	17:23	18:04	WEA03		41	57
	18:00	18:20	Bad02		20	
29.03	18:22	19:03	WEA03		41	57
	18:59	19:19	Bad02		20	
30.03	18:22	19:03	WEA03		41	56
	18:59	19:18	Bad02		19	
31.03	18:22	19:03	WEA03		41	56
	19:00	19:18	Bad02		18	
01.04	18:22	19:01	WEA03		39	54
	19:00	19:16	Bad02		16	
02.04	18:22	19:01	WEA03		39	53
	19:01	19:15	Bad02		14	
03.04	18:23	19:00	WEA03		37	45
	19:04	19:12	Bad02		8	
04.04	18:23	18:59	WEA03		36	36
05.04	18:24	18:58	WEA03		34	34
06.04	18:25	18:57	WEA03		32	32
07.04	18:26	18:56	WEA03		30	30
08.04	18:27	18:53	WEA03		26	26
09.04	18:29	18:51	WEA03		22	22
10.04	18:31	18:49	WEA03		18	18
11.04	18:34	18:44	WEA03		10	10
01.09	18:34	18:44	WEA03		10	10
02.09	18:29	18:47	WEA03		18	18
03.09	18:27	18:49	WEA03		22	22
04.09	18:24	18:50	WEA03		26	26
05.09	18:22	18:52	WEA03		30	30
06.09	18:21	18:53	WEA03		32	32
07.09	18:19	18:53	WEA03		34	34
08.09	18:18	18:54	WEA03		36	36
09.09	18:16	18:54	WEA03		38	46
	18:57	19:05	Bad02		8	

Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
10.09	18:15	18:54	WEA03		39	52
	18:55	19:08	Bad02		13	
11.09	18:15	18:55	WEA03		40	54
	18:53	19:09	Bad02		16	
12.09	18:14	18:54	WEA03		40	55
	18:51	19:09	Bad02		18	
13.09	18:13	18:54	WEA03		41	57
	18:50	19:10	Bad02		20	
14.09	18:13	18:54	WEA03		41	57
	18:50	19:10	Bad02		20	
15.09	18:12	18:53	WEA03		41	57
	18:49	19:09	Bad02		20	
16.09	18:12	18:53	WEA03		41	57
	18:49	19:09	Bad02		20	
17.09	18:12	18:51	WEA03		39	56
	18:48	19:08	Bad02		20	
18.09	18:12	18:51	WEA03		39	55
	18:49	19:07	Bad02		18	
19.09	18:13	18:50	WEA03		37	53
	18:50	19:06	Bad02		16	
20.09	18:12	18:49	WEA03		37	50
	18:50	19:03	Bad02		13	
21.09	18:13	18:48	WEA03		35	43
	18:53	19:01	Bad02		8	
22.09	18:14	18:47	WEA03		33	33
23.09	18:14	18:44	WEA03		30	30
24.09	18:16	18:42	WEA03		26	26
25.09	18:18	18:40	WEA03		22	22
26.09	18:21	18:37	WEA03		16	16
27.09	18:25	18:31	WEA03		6	6
01.10	17:47	17:58	WEA02		11	11
02.10	17:44	18:01	WEA02		17	17
03.10	16:50	16:58	WEA05		8	28
	17:42	18:02	WEA02		20	
04.10	16:44	17:02	WEA05		18	41
	17:40	18:03	WEA02		23	
05.10	16:40	17:05	WEA05		25	51
	17:38	18:04	WEA02		26	
06.10	16:38	17:07	WEA05		29	55
	17:38	18:04	WEA02		26	
07.10	16:35	17:09	WEA05		34	62
	17:37	18:05	WEA02		28	
08.10	16:34	17:10	WEA05		36	65
	17:36	18:05	WEA02		29	
09.10	16:31	17:10	WEA05		39	68
	17:35	18:04	WEA02		29	
10.10	16:30	17:11	WEA05		41	70
	17:35	18:04	WEA02		29	
11.10	16:29	17:12	WEA05		43	72
	17:35	18:04	WEA02		29	
12.10	16:28	17:13	WEA05		45	73
	17:35	18:03	WEA02		28	
13.10	16:27	17:13	WEA05		46	74
	17:35	18:03	WEA02		28	
14.10	16:26	17:14	WEA05		48	74
	17:36	18:02	WEA02		26	
15.10	16:26	17:14	WEA05		48	72
	17:37	18:01	WEA02		24	
16.10	16:24	17:13	WEA05		49	71
	17:37	17:59	WEA02		22	



Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
17.10	16:24	17:13	WEA05		49	68
	17:38	17:57	WEA02		19	
18.10	16:24	17:13	WEA05		49	75
	17:22	17:33	WEA01		11	
	17:40	17:55	WEA02		15	
19.10	16:23	17:13	WEA05		50	74
	17:20	17:35	WEA01		15	
	17:43	17:52	WEA02		9	
20.10	16:23	17:13	WEA05		50	68
	17:18	17:36	WEA01		18	
21.10	16:23	17:13	WEA05		50	70
	17:17	17:37	WEA01		20	
22.10	16:23	17:13	WEA05		50	72
	17:16	17:38	WEA01		22	
23.10	16:24	17:12	WEA05		48	70
	17:16	17:38	WEA01		22	
24.10	16:24	17:12	WEA05		48	70
	17:16	17:38	WEA01		22	
25.10	15:24	16:11	WEA05		47	70
	16:15	16:38	WEA01		23	
26.10	15:25	16:10	WEA05		45	68
	16:15	16:38	WEA01		23	
27.10	15:26	16:10	WEA05		44	65
	16:16	16:37	WEA01		21	
28.10	15:26	16:09	WEA05		43	64
	15:43	15:53	WEA04		10	
	16:16	16:37	WEA01		21	
29.10	15:27	16:08	WEA05		41	60
	15:40	15:56	WEA04		16	
	16:17	16:36	WEA01		19	
30.10	15:28	16:07	WEA05		39	55
	15:38	15:57	WEA04		19	
	16:18	16:34	WEA01		16	
31.10	15:29	16:06	WEA05		37	50
	15:37	15:59	WEA04		22	
	16:19	16:32	WEA01		13	
01.11	15:31	16:04	WEA05		33	42
	15:36	16:00	WEA04		24	
	16:21	16:30	WEA01		9	
02.11	15:32	16:03	WEA05		31	34
	15:35	16:00	WEA04		25	
	16:25	16:28	WEA01		3	
03.11	15:34	16:01	WEA05		27	27
	15:35	16:01	WEA04		26	
04.11	15:34	16:01	WEA04		27	27
	15:36	15:59	WEA05		23	
05.11	15:34	16:02	WEA04		28	28
	15:39	15:56	WEA05		17	
06.11	15:34	16:02	WEA04		28	28
	15:46	15:50	WEA05		4	
07.11	15:34	16:02	WEA04		28	28
08.11	15:34	16:02	WEA04		28	28
09.11	15:34	16:02	WEA04		28	28
	15:34	16:02	WEA04		28	
10.11	14:44	14:56	WEA06		12	40
	15:34	16:02	WEA04		28	
11.11	14:41	14:59	WEA06		18	44
	15:35	16:01	WEA04		26	
12.11	14:39	15:01	WEA06		22	48
	15:35	16:01	WEA04		26	

Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
13.11	14:38	15:02	WEA06		24	49
	15:36	16:01	WEA04		25	
14.11	14:37	15:03	WEA06		26	49
	15:37	16:00	WEA04		23	
15.11	14:36	15:05	WEA06		29	51
	15:38	16:00	WEA04		22	
16.11	14:35	15:06	WEA06		31	51
	15:39	15:59	WEA04		20	
17.11	14:35	15:07	WEA06		32	49
	15:41	15:58	WEA04		17	
18.11	14:35	15:07	WEA06		32	45
	15:43	15:56	WEA04		13	
19.11	14:34	15:08	WEA06		34	44
	15:45	15:55	WEA04		10	
20.11	14:34	15:09	WEA06		35	35
21.11	14:34	15:10	WEA06		36	36
22.11	14:34	15:10	WEA06		36	36
23.11	14:34	15:10	WEA06		36	36
24.11	14:34	15:10	WEA06		36	36
25.11	14:34	15:11	WEA06		37	37
26.11	14:35	15:12	WEA06		37	37
27.11	14:35	15:12	WEA06		37	37
28.11	14:35	15:12	WEA06		37	37
29.11	14:36	15:12	WEA06		36	36
30.11	14:36	15:13	WEA06		37	37
01.12	14:36	15:13	WEA06		37	37
02.12	14:37	15:13	WEA06		36	36
03.12	14:37	15:13	WEA06		36	36
04.12	14:38	15:14	WEA06		36	36
05.12	14:38	15:14	WEA06		36	36
06.12	14:39	15:14	WEA06		35	35
07.12	14:40	15:14	WEA06		34	34
	13:19	13:23	WEA09		4	
08.12	14:40	15:14	WEA06		34	38
	13:18	13:27	WEA09		9	
09.12	14:41	15:15	WEA06		34	43
	13:16	13:29	WEA09		13	
10.12	14:42	15:15	WEA06		33	46
	13:15	13:31	WEA09		16	
11.12	13:15	13:30	WEA09		15	48
	14:42	15:15	WEA06		33	
12.12	13:15	13:31	WEA09		16	50
	14:42	15:16	WEA06		34	
13.12	13:15	13:33	WEA09		18	51
	14:43	15:16	WEA06		33	
14.12	13:14	13:34	WEA09		20	52
	14:44	15:16	WEA06		32	
15.12	13:15	13:35	WEA09		20	52
	14:44	15:16	WEA06		32	
16.12	13:15	13:35	WEA09		20	52
	14:45	15:17	WEA06		32	
17.12	13:15	13:36	WEA09		21	53
	14:46	15:18	WEA06		32	
18.12	13:16	13:37	WEA09		21	52
	14:47	15:18	WEA06		31	
19.12	13:15	13:37	WEA09		22	54
	14:46	15:18	WEA06		32	
20.12	13:16	13:38	WEA09		22	54
	14:47	15:19	WEA06		32	
21.12	13:16	13:38	WEA09		22	54
	14:47	15:19	WEA06		32	



Bünner Wohld 10						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
22.12	13:17	13:39	WEA09		22	54
	14:48	15:20	WEA06		32	
23.12	13:17	13:39	WEA09		22	54
	14:48	15:20	WEA06		32	
24.12	13:18	13:40	WEA09		22	54
	14:49	15:21	WEA06		32	
25.12	13:18	13:40	WEA09		22	53
	14:50	15:21	WEA06		31	
26.12	13:19	13:40	WEA09		21	52
	14:50	15:21	WEA06		31	
27.12	13:19	13:40	WEA09		21	53
	14:50	15:22	WEA06		32	
28.12	13:20	13:41	WEA09		21	53
	14:50	15:22	WEA06		32	
29.12	13:21	13:41	WEA09		20	52
	14:51	15:23	WEA06		32	
30.12	13:22	13:41	WEA09		19	52
	14:51	15:24	WEA06		33	
31.12	13:23	13:40	WEA09		17	50
	14:51	15:24	WEA06		33	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	11:28	12:15	WEA10		47	136
	13:39	14:34	WEA09		55	
	14:28	15:08	WEA07		40	
02.01	11:29	12:15	WEA10		46	135
	13:39	14:34	WEA09		55	
	14:29	15:08	WEA07		39	
03.01	11:30	12:16	WEA10		46	135
	13:40	14:35	WEA09		55	
	14:30	15:09	WEA07		39	
04.01	11:30	12:15	WEA10		45	135
	13:39	14:35	WEA09		56	
	14:29	15:09	WEA07		40	
05.01	11:31	12:16	WEA10		45	135
	13:40	14:36	WEA09		56	
	14:30	15:10	WEA07		40	
06.01	11:31	12:15	WEA10		44	135
	13:39	14:37	WEA09		58	
	14:30	15:10	WEA07		40	
07.01	11:32	12:16	WEA10		44	135
	13:40	14:38	WEA09		58	
	14:31	15:11	WEA07		40	
08.01	11:32	12:16	WEA10		44	135
	13:40	14:38	WEA09		58	
	14:31	15:11	WEA07		40	
09.01	11:34	12:16	WEA10		42	133
	13:41	14:39	WEA09		58	
	14:32	15:12	WEA07		40	
10.01	11:34	12:16	WEA10		42	133
	13:41	14:40	WEA09		59	
	14:32	15:12	WEA07		40	
11.01	11:35	12:16	WEA10		41	132
	13:41	14:40	WEA09		59	
	14:33	15:12	WEA07		39	
12.01	11:36	12:15	WEA10		39	130
	13:41	14:40	WEA09		59	
	14:33	15:12	WEA07		39	
13.01	11:37	12:15	WEA10		38	129
	13:41	14:41	WEA09		60	
	14:33	15:12	WEA07		39	
14.01	11:39	12:16	WEA10		37	128
	13:42	14:42	WEA09		60	
	14:35	15:13	WEA07		38	
15.01	11:40	12:15	WEA10		35	127
	13:42	14:43	WEA09		61	
	14:35	15:14	WEA07		39	
16.01	11:40	12:14	WEA10		34	126
	13:41	14:43	WEA09		62	
	14:35	15:13	WEA07		38	
17.01	11:41	12:13	WEA10		32	124
	13:41	14:43	WEA09		62	
	14:36	15:13	WEA07		37	
18.01	11:43	12:12	WEA10		29	120
	13:42	14:44	WEA09		62	
	14:36	15:13	WEA07		37	
19.01	11:45	12:12	WEA10		27	118
	13:42	14:44	WEA09		62	
	14:37	15:13	WEA07		36	
20.01	11:47	12:10	WEA10		23	113
	13:43	14:45	WEA09		62	
	14:38	15:13	WEA07		35	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
21.01	11:50	12:09	WEA10		19	110
	13:43	14:46	WEA09		63	
	14:39	15:14	WEA07		35	
22.01	11:52	12:05	WEA10		13	103
	13:43	14:45	WEA09		62	
	14:40	15:13	WEA07		33	
23.01	13:43	14:46	WEA09		63	90
	14:41	15:13	WEA07		32	
	13:43	14:46	WEA09		63	
24.01	13:43	14:46	WEA09		63	89
	14:41	15:12	WEA07		31	
	13:44	14:47	WEA09		63	
25.01	13:44	14:47	WEA09		63	87
	14:43	15:11	WEA07		28	
	13:44	14:46	WEA09		62	
26.01	13:44	14:46	WEA09		62	86
	14:44	15:10	WEA07		26	
	13:45	14:47	WEA09		62	
27.01	13:45	14:47	WEA09		62	84
	14:46	15:09	WEA07		23	
	13:45	14:47	WEA09		62	
28.01	13:45	14:47	WEA09		62	82
	14:48	15:08	WEA07		20	
	13:46	14:47	WEA09		61	
29.01	13:46	14:47	WEA09		61	76
	14:51	15:06	WEA07		15	
	13:46	14:47	WEA09		61	
30.01	13:46	14:47	WEA09		61	68
	14:55	15:02	WEA07		7	
	13:46	14:46	WEA09		60	
31.01	13:46	14:46	WEA09		60	60
	13:47	14:47	WEA09		60	
	13:48	14:46	WEA09		58	
01.02	13:48	14:46	WEA09		58	58
	13:48	14:46	WEA09		58	
	13:49	14:45	WEA09		56	
02.02	13:50	14:46	WEA09		56	56
	13:51	14:45	WEA09		54	
	13:52	14:44	WEA09		52	
03.02	13:52	14:44	WEA09		52	52
	13:53	14:43	WEA09		50	
	16:17	16:29	WEA06		12	
08.02	13:53	14:43	WEA09		50	62
	16:17	16:29	WEA06		12	
	13:54	14:42	WEA09		48	
09.02	13:54	14:42	WEA09		48	68
	16:13	16:33	WEA06		20	
	13:56	14:41	WEA09		45	
10.02	13:56	14:41	WEA09		45	69
	16:11	16:35	WEA06		24	
	13:57	14:40	WEA09		43	
11.02	13:57	14:40	WEA09		43	71
	16:09	16:37	WEA06		28	
	13:59	14:38	WEA09		39	
12.02	13:59	14:38	WEA09		39	71
	16:07	16:39	WEA06		32	
	14:01	14:36	WEA09		35	
13.02	14:01	14:36	WEA09		35	69
	16:06	16:40	WEA06		34	
	14:04	14:34	WEA09		30	
14.02	14:04	14:34	WEA09		30	67
	16:05	16:42	WEA06		37	
	14:07	14:31	WEA09		24	
15.02	14:07	14:31	WEA09		24	63
	16:04	16:43	WEA06		39	
	14:12	14:27	WEA09		15	
16.02	14:12	14:27	WEA09		15	56
	16:03	16:44	WEA06		41	
	16:02	16:45	WEA06		43	
17.02	16:02	16:45	WEA06		43	43
	16:02	16:45	WEA06		43	
	16:00	16:45	WEA06		45	
18.02	16:00	16:45	WEA06		45	45
	16:00	16:45	WEA06		45	
	16:00	16:46	WEA06		46	
19.02	16:00	16:46	WEA06		46	46
	15:59	16:46	WEA06		47	
	15:59	16:47	WEA06		48	
20.02	15:59	16:46	WEA06		47	47
	15:59	16:47	WEA06		48	
	15:59	16:47	WEA06		48	
21.02	15:59	16:47	WEA06		48	48
	15:59	16:47	WEA06		48	
	17:10	17:15	WEA04		5	
22.02	17:10	17:15	WEA04		5	53
	15:58	16:46	WEA06		48	
	17:05	17:19	WEA04		14	
23.02	15:58	16:46	WEA06		48	62
	17:05	17:19	WEA04		14	
	15:59	16:46	WEA06		47	
24.02	15:59	16:46	WEA06		47	67
	17:02	17:22	WEA04		20	
	15:59	16:46	WEA06		47	



Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
26.02	15:59	16:46	WEA06		47	70
	17:01	17:24	WEA04		23	
27.02	15:59	16:46	WEA06		47	72
	17:00	17:25	WEA04		25	
28.02	15:59	16:45	WEA06		46	73
	16:58	17:25	WEA04		27	
29.02	15:59	16:45	WEA06		46	75
	16:57	17:26	WEA04		29	
01.03	16:00	16:44	WEA06		44	75
	16:56	17:27	WEA04		31	
02.03	16:00	16:43	WEA06		43	75
	16:55	17:27	WEA04		32	
03.03	16:01	16:42	WEA06		41	73
	16:55	17:27	WEA04		32	
04.03	16:02	16:41	WEA06		39	75
	16:55	17:27	WEA04		32	
	17:39	17:43	WEA01		4	
05.03	16:02	16:39	WEA06		37	82
	16:54	17:26	WEA04		32	
	17:33	17:46	WEA01		13	
06.03	16:04	16:38	WEA06		34	83
	16:54	17:26	WEA04		32	
	17:31	17:48	WEA01		17	
07.03	16:06	16:37	WEA06		31	82
	16:55	17:26	WEA04		31	
	17:30	17:50	WEA01		20	
08.03	16:07	16:34	WEA06		27	80
	16:54	17:25	WEA04		31	
	17:28	17:50	WEA01		22	
09.03	16:10	16:31	WEA06		21	73
	16:55	17:24	WEA04		29	
	17:28	17:51	WEA01		23	
10.03	16:15	16:28	WEA06		13	65
	16:56	17:24	WEA04		28	
	17:27	17:51	WEA01		24	
11.03	16:57	17:22	WEA04		25	50
	17:26	17:51	WEA01		25	
12.03	16:58	17:20	WEA04		22	47
	17:26	17:51	WEA01		25	
13.03	17:00	17:18	WEA04		18	42
	17:27	17:51	WEA01		24	
14.03	17:03	17:14	WEA04		11	34
	17:26	17:49	WEA01		23	
15.03	17:27	17:49	WEA01		22	22
16.03	17:27	17:47	WEA01		20	20
17.03	17:28	17:46	WEA01		18	18
18.03	17:30	17:44	WEA01		14	14
19.03	17:33	17:40	WEA01		7	7
25.03	18:04	18:16	WEA02		12	12
26.03	18:02	18:19	WEA02		17	17
27.03	17:59	18:20	WEA02		21	21
28.03	17:57	18:22	WEA02		25	25
29.03	18:55	19:22	WEA02		27	27
30.03	18:55	19:23	WEA02		28	28
31.03	18:54	19:24	WEA02		30	30
01.04	18:49	18:57	WEA05		8	34
	18:53	19:23	WEA02		30	
02.04	18:43	19:04	WEA05		21	40
	18:52	19:23	WEA02		31	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
03.04	18:39	19:07	WEA05		28	44
	18:52	19:23	WEA02		31	
04.04	18:36	19:09	WEA05		33	46
	18:51	19:22	WEA02		31	
05.04	18:34	19:11	WEA05		37	48
	18:52	19:22	WEA02		30	
06.04	18:32	19:13	WEA05		41	50
	18:52	19:22	WEA02		30	
07.04	18:30	19:15	WEA05		45	51
	18:53	19:21	WEA02		28	
08.04	18:28	19:15	WEA05		47	52
	18:52	19:20	WEA02		28	
09.04	18:27	19:16	WEA05		49	52
	18:53	19:19	WEA02		26	
10.04	18:26	19:17	WEA05		51	52
	18:54	19:18	WEA02		24	
11.04	18:24	19:17	WEA05		53	53
	18:55	19:15	WEA02		20	
12.04	18:23	19:18	WEA05		55	55
	18:57	19:13	WEA02		16	
13.04	18:22	19:18	WEA05		56	56
	19:00	19:10	WEA02		10	
14.04	18:22	19:19	WEA05		57	57
15.04	18:21	19:19	WEA05		58	58
16.04	18:20	19:19	WEA05		59	59
17.04	18:19	19:19	WEA05		60	60
18.04	18:19	19:19	WEA05		60	60
19.04	18:19	19:19	WEA05		60	60
20.04	18:19	19:19	WEA05		60	66
	19:58	20:04	Bad02		6	
21.04	18:19	19:19	WEA05		60	72
	19:55	20:07	Bad02		12	
22.04	18:19	19:19	WEA05		60	74
	19:54	20:08	Bad02		14	
23.04	18:19	19:19	WEA05		60	77
	19:52	20:09	Bad02		17	
24.04	18:19	19:18	WEA05		59	77
	19:52	20:10	Bad02		18	
25.04	18:19	19:18	WEA05		59	78
	19:51	20:10	Bad02		19	
26.04	18:19	19:18	WEA05		59	79
	19:50	20:10	Bad02		20	
27.04	18:19	19:17	WEA05		58	78
	19:50	20:10	Bad02		20	
28.04	18:20	19:17	WEA05		57	77
	19:50	20:10	Bad02		20	
29.04	18:20	19:16	WEA05		56	75
	19:50	20:09	Bad02		19	
	19:55	20:06	WEA03		11	
30.04	18:20	19:15	WEA05		55	75
	19:50	20:09	Bad02		19	
	19:52	20:10	WEA03		18	
01.05	18:21	19:15	WEA05		54	77
	19:49	20:12	WEA03		23	
	19:51	20:08	Bad02		17	
02.05	18:21	19:14	WEA05		53	79
	19:47	20:13	WEA03		26	
	19:51	20:07	Bad02		16	
03.05	18:22	19:13	WEA05		51	80
	19:45	20:14	WEA03		29	
	19:52	20:05	Bad02		13	



Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
04.05	18:23	19:13	WEA05		50	81
	19:45	20:16	WEA03		31	
	19:55	20:04	Bad02		9	
05.05	18:24	19:12	WEA05		48	81
	19:44	20:17	WEA03		33	
06.05	18:25	19:10	WEA05		45	79
	19:43	20:17	WEA03		34	
07.05	18:26	19:09	WEA05		43	80
	19:41	20:18	WEA03		37	
08.05	18:27	19:09	WEA05		42	79
	19:42	20:19	WEA03		37	
09.05	18:28	19:07	WEA05		39	77
	19:41	20:19	WEA03		38	
10.05	18:29	19:06	WEA05		37	76
	19:40	20:19	WEA03		39	
11.05	18:31	19:05	WEA05		34	74
	19:40	20:20	WEA03		40	
12.05	18:33	19:03	WEA05		30	71
	19:39	20:20	WEA03		41	
13.05	18:35	19:01	WEA05		26	66
	19:40	20:20	WEA03		40	
14.05	18:37	18:59	WEA05		22	63
	19:39	20:20	WEA03		41	
15.05	18:41	18:56	WEA05		15	56
	19:39	20:20	WEA03		41	
16.05	18:46	18:50	WEA05		4	45
	19:39	20:20	WEA03		41	
17.05	19:39	20:20	WEA03		41	41
18.05	19:40	20:21	WEA03		41	41
19.05	19:39	20:20	WEA03		41	41
20.05	19:40	20:20	WEA03		40	40
21.05	19:40	20:20	WEA03		40	40
22.05	19:41	20:20	WEA03		39	39
23.05	19:40	20:20	WEA03		40	40
24.05	19:41	20:19	WEA03		38	38
25.05	19:41	20:19	WEA03		38	38
26.05	19:42	20:19	WEA03		37	37
27.05	19:42	20:19	WEA03		37	37
28.05	19:42	20:19	WEA03		37	37
29.05	19:43	20:18	WEA03		35	35
30.05	19:44	20:19	WEA03		35	35
31.05	19:45	20:19	WEA03		34	34
01.06	19:45	20:18	WEA03		33	33
02.06	19:45	20:18	WEA03		33	33
03.06	19:47	20:18	WEA03		31	31
04.06	19:47	20:17	WEA03		30	30
05.06	19:47	20:17	WEA03		30	30
06.06	19:48	20:17	WEA03		29	29
07.06	19:49	20:16	WEA03		27	27
08.06	19:50	20:16	WEA03		26	26
09.06	19:51	20:16	WEA03		25	25
10.06	19:51	20:16	WEA03		25	25
11.06	19:52	20:16	WEA03		24	24
12.06	19:53	20:16	WEA03		23	23
13.06	19:52	20:15	WEA03		23	23
14.06	19:53	20:15	WEA03		22	22
15.06	19:54	20:15	WEA03		21	21
16.06	19:54	20:15	WEA03		21	21
17.06	19:55	20:15	WEA03		20	20

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
18.06	19:55	20:15	WEA03		20	20
19.06	19:56	20:15	WEA03		19	19
20.06	19:56	20:15	WEA03		19	19
21.06	19:57	20:16	WEA03		19	19
22.06	19:57	20:16	WEA03		19	19
23.06	19:57	20:16	WEA03		19	19
24.06	19:56	20:16	WEA03		20	20
25.06	19:57	20:17	WEA03		20	20
26.06	19:57	20:17	WEA03		20	20
27.06	19:57	20:18	WEA03		21	21
28.06	19:56	20:18	WEA03		22	22
29.06	19:57	20:19	WEA03		22	22
30.06	19:56	20:19	WEA03		23	23
01.07	19:56	20:20	WEA03		24	24
02.07	19:56	20:21	WEA03		25	25
03.07	19:55	20:20	WEA03		25	25
04.07	19:55	20:21	WEA03		26	26
05.07	19:55	20:22	WEA03		27	27
06.07	19:55	20:23	WEA03		28	28
07.07	19:55	20:24	WEA03		29	29
08.07	19:54	20:23	WEA03		29	29
09.07	19:53	20:24	WEA03		31	31
10.07	19:53	20:25	WEA03		32	32
11.07	19:53	20:25	WEA03		32	32
12.07	19:52	20:26	WEA03		34	34
13.07	19:53	20:27	WEA03		34	34
14.07	19:53	20:28	WEA03		35	35
15.07	19:52	20:28	WEA03		36	36
16.07	19:52	20:28	WEA03		36	36
17.07	19:51	20:29	WEA03		38	38
18.07	19:51	20:29	WEA03		38	38
19.07	19:51	20:30	WEA03		39	39
20.07	19:51	20:30	WEA03		39	39
21.07	19:50	20:30	WEA03		40	40
22.07	19:50	20:30	WEA03		40	40
23.07	19:50	20:31	WEA03		41	41
24.07	19:50	20:31	WEA03		41	41
25.07	19:49	20:30	WEA03		41	41
26.07	19:50	20:31	WEA03		41	41
27.07	19:50	20:31	WEA03		41	41
28.07	18:54	19:05	WEA05		11	52
	19:50	20:31	WEA03		41	
29.07	18:50	19:08	WEA05		18	59
	19:50	20:31	WEA03		41	
30.07	18:46	19:10	WEA05		24	65
	19:49	20:30	WEA03		41	
31.07	18:45	19:13	WEA05		28	69
	19:50	20:31	WEA03		41	
01.08	18:42	19:14	WEA05		32	72
	19:50	20:30	WEA03		40	
02.08	18:41	19:16	WEA05		35	74
	19:51	20:30	WEA03		39	
03.08	18:39	19:16	WEA05		37	76
	19:50	20:29	WEA03		39	
04.08	18:38	19:18	WEA05		40	78
	19:51	20:29	WEA03		38	
05.08	18:36	19:19	WEA05		43	80
	19:51	20:28	WEA03		37	
06.08	18:36	19:20	WEA05		44	80
	19:52	20:28	WEA03		36	



Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
07.08	18:34	19:20	WEA05		46	80
	19:52	20:26	WEA03		34	
08.08	18:33	19:21	WEA05		48	81
	19:53	20:26	WEA03		33	
	20:06	20:11	Bad02		5	
09.08	18:32	19:21	WEA05		49	79
	19:54	20:24	WEA03		30	
	20:02	20:13	Bad02		11	
10.08	18:31	19:22	WEA05		51	79
	19:55	20:23	WEA03		28	
	20:01	20:15	Bad02		14	
11.08	18:30	19:22	WEA05		52	77
	19:56	20:21	WEA03		25	
	19:59	20:15	Bad02		16	
12.08	18:29	19:23	WEA05		54	75
	19:58	20:19	WEA03		21	
	19:59	20:16	Bad02		17	
13.08	18:29	19:24	WEA05		55	73
	19:59	20:17	Bad02		18	
	20:01	20:17	WEA03		16	
14.08	18:27	19:24	WEA05		57	77
	19:57	20:17	Bad02		20	
	20:04	20:12	WEA03		8	
15.08	18:27	19:24	WEA05		57	76
	19:58	20:17	Bad02		19	
	18:26	19:24	WEA05		58	
16.08	19:57	20:17	Bad02		20	78
	18:26	19:24	WEA05		58	
	19:57	20:17	Bad02		20	
17.08	18:26	19:24	WEA05		58	78
	19:57	20:17	Bad02		20	
	18:24	19:24	WEA05		60	
18.08	19:57	20:16	Bad02		19	79
	18:24	19:24	WEA05		60	
	19:57	20:16	Bad02		19	
19.08	18:24	19:24	WEA05		60	78
	19:57	20:15	Bad02		18	
	18:23	19:23	WEA05		60	
20.08	19:57	20:14	Bad02		17	77
	18:23	19:23	WEA05		60	
	19:57	20:14	Bad02		17	
21.08	18:23	19:24	WEA05		61	76
	19:58	20:13	Bad02		15	
	18:23	19:24	WEA05		61	
22.08	20:00	20:11	Bad02		11	72
	18:23	19:24	WEA05		61	
	18:23	19:23	WEA05		60	
23.08	20:03	20:07	Bad02		4	64
	18:23	19:23	WEA05		60	
24.08	18:23	19:23	WEA05		60	60
25.08	18:22	19:22	WEA05		60	60
26.08	18:22	19:22	WEA05		60	60
27.08	18:23	19:21	WEA05		58	58
28.08	18:22	19:20	WEA05		58	58
29.08	18:23	19:20	WEA05		57	57
	18:22	19:18	WEA05		56	
30.08	19:00	19:10	WEA02		10	56
	18:23	19:17	WEA05		54	
31.08	18:57	19:13	WEA02		16	54
	18:24	19:17	WEA05		53	
01.09	18:55	19:15	WEA02		20	53
	18:24	19:15	WEA05		51	
02.09	18:52	19:16	WEA02		24	52
	18:24	19:15	WEA05		51	
03.09	18:25	19:14	WEA05		49	52
	18:51	19:17	WEA02		26	
04.09	18:25	19:12	WEA05		47	52
	18:49	19:17	WEA02		28	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
05.09	18:26	19:11	WEA05		45	51
	18:49	19:17	WEA02		28	
06.09	18:28	19:09	WEA05		41	50
	18:48	19:18	WEA02		30	
07.09	18:29	19:06	WEA05		37	48
	18:47	19:17	WEA02		30	
08.09	18:31	19:04	WEA05		33	47
	18:47	19:18	WEA02		31	
09.09	18:32	19:01	WEA05		29	45
	18:46	19:17	WEA02		31	
10.09	18:36	18:57	WEA05		21	41
	18:46	19:17	WEA02		31	
11.09	18:41	18:52	WEA05		11	35
	18:46	19:16	WEA02		30	
12.09	18:45	19:15	WEA02		30	30
13.09	18:46	19:14	WEA02		28	28
14.09	18:47	19:13	WEA02		26	26
15.09	18:47	19:11	WEA02		24	24
16.09	18:48	19:10	WEA02		22	22
17.09	18:49	19:07	WEA02		18	18
18.09	18:51	19:05	WEA02		14	14
24.09	18:19	18:21	WEA01		2	2
25.09	18:14	18:26	WEA01		12	12
26.09	18:12	18:28	WEA01		16	16
27.09	18:09	18:28	WEA01		19	19
28.09	18:08	18:29	WEA01		21	21
	17:45	17:54	WEA04		9	
29.09	18:07	18:30	WEA01		23	32
	17:40	17:56	WEA04		16	
30.09	18:06	18:29	WEA01		23	39
	17:38	17:58	WEA04		20	
01.10	18:05	18:29	WEA01		24	44
	17:36	18:00	WEA04		24	
02.10	18:05	18:29	WEA01		24	48
	16:56	17:02	WEA06		6	
	17:35	18:01	WEA04		26	
03.10	18:05	18:29	WEA01		24	56
	16:49	17:07	WEA06		18	
	17:33	18:01	WEA04		28	
04.10	18:04	18:28	WEA01		24	70
	16:45	17:10	WEA06		25	
	17:32	18:02	WEA04		30	
05.10	18:05	18:27	WEA01		22	77
	16:43	17:12	WEA06		29	
	17:31	18:02	WEA04		31	
06.10	18:06	18:26	WEA01		20	80
	16:41	17:14	WEA06		33	
	17:31	18:02	WEA04		31	
07.10	18:07	18:25	WEA01		18	82
	16:39	17:15	WEA06		36	
	17:30	18:02	WEA04		32	
08.10	18:08	18:23	WEA01		15	83
	16:37	17:15	WEA06		38	
	17:29	18:01	WEA04		32	
09.10	18:10	18:19	WEA01		9	79
	16:36	17:16	WEA06		40	
	17:29	18:01	WEA04		32	
10.10	16:35	17:17	WEA06		42	72
	17:29	18:01	WEA04		32	
11.10	16:35	17:17	WEA06		42	74
	17:29	18:01	WEA04		32	



Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
12.10	16:34	17:17	WEA06		43	74
	17:29	18:00	WEA04		31	
13.10	16:33	17:18	WEA06		45	75
	17:30	18:00	WEA04		30	
14.10	16:32	17:18	WEA06		46	75
	17:30	17:59	WEA04		29	
15.10	16:32	17:18	WEA06		46	73
	17:31	17:58	WEA04		27	
16.10	16:30	17:17	WEA06		47	72
	17:31	17:56	WEA04		25	
17.10	16:30	17:18	WEA06		48	69
	17:33	17:54	WEA04		21	
18.10	16:30	17:17	WEA06		47	65
	17:34	17:52	WEA04		18	
19.10	16:30	17:17	WEA06		47	59
	17:37	17:49	WEA04		12	
20.10	16:30	17:17	WEA06		47	47
21.10	16:30	17:17	WEA06		47	47
22.10	16:30	17:16	WEA06		46	46
23.10	16:30	17:16	WEA06		46	46
24.10	16:31	17:15	WEA06		44	44
25.10	15:31	16:15	WEA06		44	44
26.10	15:32	16:14	WEA06		42	42
	17:37	17:49	WEA04		12	
27.10	13:40	13:57	WEA09		17	58
	15:32	16:13	WEA06		41	
28.10	13:36	14:01	WEA09		25	64
	15:33	16:12	WEA06		39	
29.10	13:33	14:04	WEA09		31	68
	15:34	16:11	WEA06		37	
30.10	13:30	14:06	WEA09		36	70
	15:36	16:10	WEA06		34	
31.10	13:28	14:08	WEA09		40	71
	15:37	16:08	WEA06		31	
01.11	13:27	14:10	WEA09		43	71
	15:39	16:07	WEA06		28	
02.11	13:25	14:11	WEA09		46	70
	15:41	16:05	WEA06		24	
03.11	13:24	14:12	WEA09		48	67
	15:43	16:02	WEA06		19	
04.11	13:23	14:13	WEA09		50	61
	15:47	15:58	WEA06		11	
05.11	13:22	14:14	WEA09		52	52
06.11	13:21	14:15	WEA09		54	54
07.11	13:20	14:16	WEA09		56	56
08.11	13:19	14:16	WEA09		57	57
09.11	13:19	14:17	WEA09		58	58
10.11	13:18	14:17	WEA09		59	59
11.11	13:18	14:18	WEA09		60	60
12.11	13:18	14:18	WEA09		60	60
13.11	13:18	14:19	WEA09		61	70
	14:26	14:35	WEA07		9	
14.11	13:18	14:19	WEA09		61	76
	14:23	14:38	WEA07		15	
15.11	13:17	14:19	WEA09		62	82
	14:21	14:41	WEA07		20	
16.11	13:18	14:20	WEA09		62	84
	14:19	14:42	WEA07		23	
17.11	13:18	14:20	WEA09		62	86
	14:18	14:44	WEA07		26	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
18.11	13:18	14:20	WEA09		62	87
	14:17	14:45	WEA07		28	
19.11	13:18	14:21	WEA09		63	89
	14:16	14:47	WEA07		31	
20.11	13:18	14:21	WEA09		63	90
	14:16	14:48	WEA07		32	
21.11	11:29	11:41	WEA10		12	102
	13:19	14:21	WEA09		62	
	14:16	14:49	WEA07		33	
22.11	11:26	11:45	WEA10		19	110
	13:19	14:22	WEA09		63	
	14:15	14:50	WEA07		35	
23.11	11:23	11:46	WEA10		23	113
	13:19	14:21	WEA09		62	
	14:14	14:49	WEA07		35	
24.11	11:22	11:49	WEA10		27	118
	13:19	14:21	WEA09		62	
	14:14	14:50	WEA07		36	
25.11	11:21	11:50	WEA10		29	120
	13:20	14:22	WEA09		62	
	14:14	14:51	WEA07		37	
26.11	11:20	11:52	WEA10		32	124
	13:20	14:22	WEA09		62	
	14:15	14:52	WEA07		37	
27.11	11:20	11:54	WEA10		34	126
	13:21	14:23	WEA09		62	
	14:15	14:53	WEA07		38	
28.11	11:19	11:54	WEA10		35	127
	13:21	14:22	WEA09		61	
	14:14	14:53	WEA07		39	
29.11	11:19	11:56	WEA10		37	128
	13:22	14:23	WEA09		61	
	14:15	14:53	WEA07		38	
30.11	11:19	11:57	WEA10		38	129
	13:23	14:23	WEA09		60	
	14:15	14:54	WEA07		39	
01.12	11:18	11:57	WEA10		39	130
	13:23	14:23	WEA09		60	
	14:15	14:54	WEA07		39	
02.12	11:18	11:59	WEA10		41	132
	13:24	14:23	WEA09		59	
	14:16	14:55	WEA07		39	
03.12	11:17	11:59	WEA10		42	133
	13:24	14:23	WEA09		59	
	14:15	14:55	WEA07		40	
04.12	11:18	12:00	WEA10		42	133
	13:25	14:23	WEA09		58	
	14:16	14:56	WEA07		40	
05.12	11:17	12:01	WEA10		44	135
	13:25	14:23	WEA09		58	
	14:16	14:56	WEA07		40	
06.12	11:18	12:02	WEA10		44	135
	13:26	14:24	WEA09		58	
	14:17	14:57	WEA07		40	
07.12	11:18	12:03	WEA10		45	135
	13:27	14:24	WEA09		57	
	14:17	14:57	WEA07		40	
08.12	11:18	12:03	WEA10		45	135
	13:27	14:24	WEA09		57	
	14:17	14:57	WEA07		40	





Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
09.12	11:19	12:04	WEA10		45	135
	13:28	14:25	WEA09		57	
	14:19	14:58	WEA07		39	
10.12	11:19	12:05	WEA10		46	135
	13:29	14:25	WEA09		56	
	14:19	14:58	WEA07		39	
11.12	11:19	12:05	WEA10		46	135
	13:29	14:25	WEA09		56	
	14:19	14:58	WEA07		39	
12.12	11:19	12:06	WEA10		47	136
	13:30	14:25	WEA09		55	
	14:20	14:59	WEA07		39	
13.12	11:19	12:06	WEA10		47	136
	13:30	14:25	WEA09		55	
	14:20	14:59	WEA07		39	
14.12	11:20	12:07	WEA10		47	135
	13:31	14:25	WEA09		54	
	14:20	14:59	WEA07		39	
15.12	11:20	12:07	WEA10		47	136
	13:31	14:26	WEA09		55	
	14:21	15:00	WEA07		39	
16.12	11:20	12:08	WEA10		48	136
	13:32	14:26	WEA09		54	
	14:22	15:00	WEA07		38	
17.12	11:21	12:09	WEA10		48	136
	13:33	14:27	WEA09		54	
	14:22	15:01	WEA07		39	
18.12	11:22	12:10	WEA10		48	136
	13:34	14:27	WEA09		53	
	14:23	15:02	WEA07		39	
19.12	11:21	12:09	WEA10		48	136
	13:34	14:27	WEA09		53	
	14:23	15:02	WEA07		39	
20.12	11:22	12:10	WEA10		48	135
	13:35	14:28	WEA09		53	
	14:24	15:02	WEA07		38	
21.12	11:22	12:10	WEA10		48	136
	13:34	14:28	WEA09		54	
	14:24	15:02	WEA07		38	
22.12	11:23	12:11	WEA10		48	136
	13:35	14:29	WEA09		54	
	14:25	15:03	WEA07		38	
23.12	11:23	12:11	WEA10		48	135
	13:36	14:29	WEA09		53	
	14:25	15:03	WEA07		38	
24.12	11:24	12:12	WEA10		48	135
	13:37	14:30	WEA09		53	
	14:26	15:04	WEA07		38	
25.12	11:25	12:13	WEA10		48	136
	13:37	14:30	WEA09		53	
	14:26	15:05	WEA07		39	
26.12	11:25	12:13	WEA10		48	136
	13:37	14:31	WEA09		54	
	14:26	15:05	WEA07		39	
27.12	11:25	12:13	WEA10		48	136
	13:37	14:31	WEA09		54	
	14:27	15:05	WEA07		38	
28.12	11:26	12:13	WEA10		47	136
	13:37	14:31	WEA09		54	
	14:27	15:06	WEA07		39	

Bünner Wohld 8						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
29.12	11:26	12:14	WEA10		48	136
	13:38	14:32	WEA09		54	
	14:27	15:06	WEA07		39	
30.12	11:27	12:14	WEA10		47	136
	13:38	14:33	WEA09		55	
	14:28	15:07	WEA07		39	
31.12	11:28	12:15	WEA10		47	136
	13:38	14:33	WEA09		55	
	14:28	15:07	WEA07		39	

Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	14:17	14:56	WEA10		39	56
	14:48	15:13	WEA08		25	
02.01	14:17	14:57	WEA10		40	57
	14:49	15:14	WEA08		25	
03.01	14:18	14:57	WEA10		39	56
	14:50	15:14	WEA08		24	
04.01	14:18	14:57	WEA10		39	56
	14:50	15:14	WEA08		24	
05.01	14:19	14:58	WEA10		39	55
	14:51	15:14	WEA08		23	
06.01	14:19	14:57	WEA10		38	55
	14:52	15:14	WEA08		22	
07.01	14:20	14:58	WEA10		38	54
	14:53	15:14	WEA08		21	
08.01	14:20	14:58	WEA10		38	54
	14:53	15:14	WEA08		21	
09.01	14:21	14:59	WEA10		38	53
	14:55	15:14	WEA08		19	
10.01	14:22	14:59	WEA10		37	52
	14:56	15:14	WEA08		18	
11.01	14:22	14:59	WEA10		37	51
	14:57	15:13	WEA08		16	
12.01	14:22	14:59	WEA10		37	51
	14:58	15:13	WEA08		15	
13.01	14:23	14:59	WEA10		36	49
	14:59	15:12	WEA08		13	
14.01	14:25	15:00	WEA10		35	44
	15:02	15:11	WEA08		9	
15.01	14:26	15:00	WEA10		34	34
16.01	14:25	14:59	WEA10		34	34
17.01	14:26	14:59	WEA10		33	33
18.01	14:28	14:59	WEA10		31	31
19.01	14:29	14:58	WEA10		29	29
20.01	14:30	14:58	WEA10		28	37
	16:06	16:15	WEA07		9	
21.01	14:32	14:58	WEA10		26	39
	16:05	16:18	WEA07		13	
22.01	14:33	14:56	WEA10		23	39
	16:03	16:19	WEA07		16	
23.01	14:35	14:55	WEA10		20	38
	16:02	16:20	WEA07		18	
24.01	14:37	14:53	WEA10		16	36
	16:01	16:21	WEA07		20	
25.01	14:40	14:51	WEA10		11	33
	16:01	16:23	WEA07		22	
26.01	16:00	16:23	WEA07		23	23
27.01	16:00	16:24	WEA07		24	24
	16:09	16:21	WEA09		12	
28.01	16:00	16:24	WEA07		24	26
	16:07	16:24	WEA09		17	
29.01	16:00	16:26	WEA07		26	26
	16:07	16:24	WEA09		17	
30.01	16:00	16:26	WEA07		26	26
	16:05	16:26	WEA09		21	
31.01	16:00	16:26	WEA07		26	27
	16:04	16:27	WEA09		23	
01.02	16:01	16:27	WEA07		26	28
	16:03	16:29	WEA09		26	
02.02	16:01	16:26	WEA07		25	29
	16:02	16:30	WEA09		28	

Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
03.02	16:01	16:26	WEA07		25	30
	16:01	16:31	WEA09		30	
04.02	16:01	16:26	WEA07		25	30
	16:01	16:31	WEA09		30	
05.02	16:01	16:33	WEA09		32	32
	16:02	16:26	WEA07		24	
06.02	16:00	16:33	WEA09		33	33
	16:03	16:25	WEA07		22	
07.02	16:00	16:34	WEA09		34	34
	16:04	16:25	WEA07		21	
08.02	16:00	16:34	WEA09		34	34
	16:05	16:24	WEA07		19	
09.02	15:59	16:34	WEA09		35	35
	16:07	16:22	WEA07		15	
10.02	15:59	16:34	WEA09		35	35
	16:09	16:20	WEA07		11	
11.02	15:59	16:34	WEA09		35	35
12.02	16:00	16:34	WEA09		34	34
13.02	16:00	16:34	WEA09		34	34
14.02	16:00	16:34	WEA09		34	34
15.02	16:01	16:34	WEA09		33	33
16.02	16:02	16:33	WEA09		31	31
17.02	16:03	16:32	WEA09		29	29
18.02	16:03	16:31	WEA09		28	28
19.02	16:04	16:29	WEA09		25	25
20.02	16:06	16:28	WEA09		22	33
	17:05	17:16	WEA06		11	
21.02	16:08	16:26	WEA09		18	35
	17:02	17:19	WEA06		17	
22.02	16:11	16:23	WEA09		12	31
	17:01	17:20	WEA06		19	
23.02	17:00	17:22	WEA06		22	22
24.02	16:58	17:22	WEA06		24	24
25.02	16:57	17:23	WEA06		26	26
26.02	16:57	17:23	WEA06		26	26
27.02	16:57	17:24	WEA06		27	30
	17:30	17:33	WEA04		3	
28.02	16:56	17:23	WEA06		27	36
	17:26	17:35	WEA04		9	
29.02	16:56	17:23	WEA06		27	40
	17:24	17:37	WEA04		13	
01.03	16:56	17:23	WEA06		27	43
	17:23	17:39	WEA04		16	
02.03	16:56	17:22	WEA06		26	44
	17:21	17:40	WEA04		19	
03.03	16:56	17:21	WEA06		25	45
	17:21	17:41	WEA04		20	
04.03	16:57	17:21	WEA06		24	45
	17:21	17:42	WEA04		21	
05.03	16:58	17:19	WEA06		21	42
	17:20	17:41	WEA04		21	
06.03	16:59	17:17	WEA06		18	39
	17:20	17:41	WEA04		21	
07.03	17:02	17:15	WEA06		13	33
	17:21	17:41	WEA04		20	
08.03	17:05	17:10	WEA06		5	23
	17:21	17:39	WEA04		18	
09.03	17:22	17:38	WEA04		16	16
10.03	17:23	17:37	WEA04		14	14



Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
11.03	17:25	17:33	WEA04		8	8
19.03	17:56	18:06	WEA05		10	10
20.03	17:53	18:09	WEA05		16	16
21.03	17:50	18:11	WEA05		21	21
22.03	17:48	18:12	WEA05		24	24
23.03	17:47	18:13	WEA05		26	26
24.03	17:46	18:13	WEA05		27	27
25.03	17:45	18:14	WEA05		29	29
26.03	17:45	18:14	WEA05		29	29
27.03	17:44	18:14	WEA05		30	30
28.03	17:44	18:14	WEA05		30	30
29.03	18:43	19:13	WEA05		30	30
30.03	18:43	19:13	WEA05		30	30
31.03	18:44	19:12	WEA05		28	28
01.04	18:43	19:11	WEA05		28	28
02.04	18:44	19:10	WEA05		26	26
03.04	18:45	19:09	WEA05		24	24
04.04	18:46	19:06	WEA05		20	20
05.04	18:48	19:05	WEA05		17	17
06.04	18:51	19:02	WEA05		11	
	19:35	19:43	WEA03		8	19
07.04	19:31	19:45	WEA03		14	14
08.04	19:29	19:47	WEA03		18	18
09.04	19:28	19:48	WEA03		20	20
10.04	19:27	19:49	WEA03		22	22
11.04	19:25	19:48	WEA03		23	23
12.04	19:25	19:49	WEA03		24	24
13.04	19:24	19:49	WEA03		25	25
14.04	19:24	19:49	WEA03		25	25
15.04	19:24	19:49	WEA03		25	25
16.04	19:24	19:48	WEA03		24	24
17.04	19:24	19:47	WEA03		23	23
18.04	19:25	19:46	WEA03		21	21
19.04	19:25	19:45	WEA03		20	20
20.04	19:27	19:44	WEA03		17	17
21.04	19:28	19:42	WEA03		14	14
22.04	19:31	19:39	WEA03		8	8
21.08	19:35	19:45	WEA03		10	10
22.08	19:32	19:47	WEA03		15	15
23.08	19:30	19:48	WEA03		18	18
24.08	19:29	19:49	WEA03		20	20
25.08	19:27	19:49	WEA03		22	22
26.08	19:27	19:50	WEA03		23	23
27.08	19:26	19:50	WEA03		24	24
28.08	19:25	19:50	WEA03		25	25
29.08	19:25	19:50	WEA03		25	25
30.08	19:24	19:49	WEA03		25	25
31.08	19:25	19:49	WEA03		24	24
01.09	19:25	19:48	WEA03		23	23
02.09	19:25	19:47	WEA03		22	22
03.09	19:26	19:46	WEA03		20	20
04.09	19:26	19:44	WEA03		18	18
05.09	19:28	19:42	WEA03		14	14
06.09	18:47	18:58	WEA05		11	
	19:31	19:39	WEA03		8	19
07.09	18:43	19:00	WEA05		17	17
08.09	18:41	19:01	WEA05		20	20
09.09	18:39	19:02	WEA05		23	23
10.09	18:37	19:03	WEA05		26	26

Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
11.09	18:37	19:04	WEA05		27	27
12.09	18:35	19:03	WEA05		28	28
13.09	18:34	19:04	WEA05		30	30
14.09	18:34	19:04	WEA05		30	30
15.09	18:33	19:03	WEA05		30	30
16.09	18:33	19:03	WEA05		30	30
17.09	18:32	19:02	WEA05		30	30
18.09	18:32	19:01	WEA05		29	29
19.09	18:33	19:01	WEA05		28	28
20.09	18:33	18:59	WEA05		26	26
21.09	18:34	18:58	WEA05		24	24
22.09	18:35	18:57	WEA05		22	22
23.09	18:36	18:54	WEA05		18	18
24.09	18:38	18:51	WEA05		13	13
02.10	18:07	18:09	WEA04		2	2
03.10	18:02	18:13	WEA04		11	11
04.10	17:59	18:14	WEA04		15	15
05.10	17:58	18:16	WEA04		18	18
06.10	17:39	17:50	WEA06		11	
	17:57	18:16	WEA04		19	30
07.10	17:36	17:52	WEA06		16	
	17:56	18:17	WEA04		21	37
08.10	17:34	17:54	WEA06		20	
	17:56	18:17	WEA04		21	41
09.10	17:32	17:54	WEA06		22	
	17:55	18:16	WEA04		21	43
10.10	17:31	17:55	WEA06		24	
	17:55	18:16	WEA04		21	45
11.10	17:30	17:56	WEA06		26	
	17:55	18:15	WEA04		20	45
12.10	17:30	17:56	WEA06		26	
	17:56	18:13	WEA04		17	43
13.10	17:29	17:56	WEA06		27	
	17:57	18:11	WEA04		14	41
14.10	17:29	17:56	WEA06		27	
	17:58	18:09	WEA04		11	38
15.10	17:28	17:55	WEA06		27	
	17:59	18:06	WEA04		7	34
16.10	17:28	17:55	WEA06		27	27
17.10	17:28	17:54	WEA06		26	26
18.10	17:29	17:54	WEA06		25	25
19.10	17:29	17:53	WEA06		24	24
20.10	16:46	16:50	WEA09		4	
	17:30	17:52	WEA06		22	26
21.10	16:40	16:55	WEA09		15	
	17:32	17:50	WEA06		18	33
22.10	16:38	16:57	WEA09		19	
	17:33	17:48	WEA06		15	34
23.10	16:36	16:59	WEA09		23	
	17:36	17:45	WEA06		9	32
24.10	16:34	17:00	WEA09		26	26
25.10	15:33	16:01	WEA09		28	28
26.10	15:32	16:02	WEA09		30	30
27.10	15:31	16:03	WEA09		32	32
28.10	15:30	16:03	WEA09		33	33
29.10	15:30	16:04	WEA09		34	34
30.10	15:29	16:04	WEA09		35	35
31.10	15:29	16:04	WEA09		35	35
01.11	15:29	16:04	WEA09		35	
	15:42	15:46	WEA07		4	35



Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.11	15:29	16:04	WEA09		35	35
	15:38	15:50	WEA07		12	
03.11	15:29	16:04	WEA09		35	35
	15:36	15:52	WEA07		16	
04.11	15:29	16:04	WEA09		35	35
	15:35	15:53	WEA07		18	
05.11	15:30	16:04	WEA09		34	34
	15:34	15:55	WEA07		21	
06.11	15:30	16:03	WEA09		33	33
	15:33	15:55	WEA07		22	
07.11	15:31	16:03	WEA09		32	32
	15:32	15:56	WEA07		24	
08.11	15:31	16:02	WEA09		31	31
	15:32	15:57	WEA07		25	
09.11	15:32	15:57	WEA07		25	29
	15:32	16:01	WEA09		29	
10.11	15:31	15:57	WEA07		26	30
	15:33	16:01	WEA09		28	
11.11	15:31	15:57	WEA07		26	29
	15:34	16:00	WEA09		26	
12.11	15:32	15:57	WEA07		25	27
	15:36	15:59	WEA09		23	
13.11	15:32	15:58	WEA07		26	26
	15:37	15:58	WEA09		21	
14.11	15:32	15:57	WEA07		25	25
	15:39	15:56	WEA09		17	
15.11	15:33	15:57	WEA07		24	24
	15:42	15:54	WEA09		12	
16.11	15:33	15:57	WEA07		24	24
17.11	15:34	15:57	WEA07		23	23
18.11	14:14	14:25	WEA10		11	33
	15:35	15:57	WEA07		22	
19.11	14:12	14:28	WEA10		16	36
	15:36	15:56	WEA07		20	
20.11	14:10	14:30	WEA10		20	38
	15:37	15:55	WEA07		18	
21.11	14:09	14:32	WEA10		23	39
	15:39	15:55	WEA07		16	
22.11	14:08	14:34	WEA10		26	39
	15:41	15:54	WEA07		13	
23.11	14:06	14:34	WEA10		28	37
	15:42	15:51	WEA07		9	
24.11	14:06	14:35	WEA10		29	31
	15:46	15:48	WEA07		2	
25.11	14:06	14:37	WEA10		31	31
26.11	14:06	14:38	WEA10		32	32
27.11	14:06	14:39	WEA10		33	33
28.11	14:05	14:39	WEA10		34	34
29.11	14:05	14:40	WEA10		35	43
	14:43	14:51	WEA08		8	
30.11	14:05	14:41	WEA10		36	48
	14:42	14:54	WEA08		12	
01.12	14:05	14:41	WEA10		36	50
	14:40	14:55	WEA08		15	
02.12	14:05	14:42	WEA10		37	51
	14:40	14:56	WEA08		16	
03.12	14:05	14:42	WEA10		37	52
	14:39	14:57	WEA08		18	
04.12	14:05	14:43	WEA10		38	53
	14:39	14:58	WEA08		19	

Bünner Wohld 4						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
05.12	14:05	14:43	WEA10		38	54
	14:39	14:59	WEA08		20	
06.12	14:06	14:44	WEA10		38	54
	14:39	15:00	WEA08		21	
07.12	14:06	14:45	WEA10		39	55
	14:39	15:01	WEA08		22	
08.12	14:06	14:45	WEA10		39	55
	14:38	15:01	WEA08		23	
09.12	14:07	14:46	WEA10		39	56
	14:39	15:03	WEA08		24	
10.12	14:07	14:46	WEA10		39	56
	14:39	15:03	WEA08		24	
11.12	14:07	14:47	WEA10		40	57
	14:39	15:04	WEA08		25	
12.12	14:08	14:47	WEA10		39	56
	14:40	15:04	WEA08		24	
13.12	14:08	14:47	WEA10		39	57
	14:40	15:05	WEA08		25	
14.12	14:08	14:48	WEA10		40	57
	14:40	15:05	WEA08		25	
15.12	14:09	14:48	WEA10		39	57
	14:41	15:06	WEA08		25	
16.12	14:10	14:49	WEA10		39	57
	14:41	15:07	WEA08		26	
17.12	14:10	14:50	WEA10		40	57
	14:42	15:07	WEA08		25	
18.12	14:11	14:50	WEA10		39	57
	14:42	15:08	WEA08		26	
19.12	14:11	14:50	WEA10		39	57
	14:42	15:08	WEA08		26	
20.12	14:12	14:51	WEA10		39	57
	14:43	15:09	WEA08		26	
21.12	14:11	14:51	WEA10		40	58
	14:43	15:09	WEA08		26	
22.12	14:12	14:52	WEA10		40	58
	14:44	15:10	WEA08		26	
23.12	14:12	14:52	WEA10		40	58
	14:44	15:10	WEA08		26	
24.12	14:14	14:53	WEA10		39	57
	14:45	15:11	WEA08		26	
25.12	14:14	14:53	WEA10		39	57
	14:45	15:11	WEA08		26	
26.12	14:14	14:54	WEA10		40	57
	14:46	15:11	WEA08		25	
27.12	14:14	14:54	WEA10		40	57
	14:46	15:11	WEA08		25	
28.12	14:15	14:54	WEA10		39	57
	14:46	15:12	WEA08		26	
29.12	14:15	14:55	WEA10		40	57
	14:47	15:12	WEA08		25	
30.12	14:16	14:55	WEA10		39	57
	14:48	15:13	WEA08		25	
31.12	14:16	14:56	WEA10		40	57
	14:48	15:13	WEA08		25	



Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	14:04	14:13	WEA11		9	54
	14:50	15:21	WEA10		31	
	15:09	15:35	WEA08		26	
02.01	14:06	14:12	WEA11		6	52
	14:50	15:22	WEA10		32	
	15:09	15:36	WEA08		27	
03.01	14:50	15:23	WEA10		33	47
	15:10	15:37	WEA08		27	
04.01	14:50	15:23	WEA10		33	47
	15:09	15:37	WEA08		28	
05.01	14:50	15:24	WEA10		34	48
	15:10	15:38	WEA08		28	
06.01	14:50	15:25	WEA10		35	48
	15:10	15:38	WEA08		28	
07.01	14:50	15:26	WEA10		36	49
	15:11	15:39	WEA08		28	
08.01	14:50	15:26	WEA10		36	49
	15:10	15:39	WEA08		29	
09.01	14:50	15:28	WEA10		38	50
	15:11	15:40	WEA08		29	
10.01	14:50	15:28	WEA10		38	51
	15:11	15:41	WEA08		30	
11.01	14:50	15:29	WEA10		39	51
	15:11	15:41	WEA08		30	
12.01	14:50	15:29	WEA10		39	51
	15:12	15:41	WEA08		29	
13.01	14:50	15:30	WEA10		40	51
	15:12	15:41	WEA08		29	
14.01	14:50	15:31	WEA10		41	52
	15:12	15:42	WEA08		30	
15.01	14:50	15:31	WEA10		41	52
	15:13	15:42	WEA08		29	
16.01	14:50	15:32	WEA10		42	52
	15:13	15:42	WEA08		29	
17.01	14:50	15:33	WEA10		43	53
	15:14	15:43	WEA08		29	
18.01	14:50	15:33	WEA10		43	53
	15:14	15:43	WEA08		29	
19.01	14:50	15:34	WEA10		44	53
	15:15	15:43	WEA08		28	
20.01	14:51	15:35	WEA10		44	52
	15:16	15:43	WEA08		27	
21.01	14:51	15:36	WEA10		45	53
	15:17	15:44	WEA08		27	
22.01	14:51	15:35	WEA10		44	52
	15:17	15:43	WEA08		26	
23.01	14:51	15:36	WEA10		45	52
	15:18	15:43	WEA08		25	
24.01	14:51	15:36	WEA10		45	51
	15:19	15:42	WEA08		23	
25.01	14:52	15:37	WEA10		45	50
	15:21	15:42	WEA08		21	
26.01	14:52	15:36	WEA10		44	48
	15:21	15:40	WEA08		19	
27.01	14:52	15:37	WEA10		45	48
	15:24	15:40	WEA08		16	
28.01	14:52	15:37	WEA10		45	45
	15:26	15:37	WEA08		11	
29.01	14:53	15:37	WEA10		44	44
	15:31	15:34	WEA08		3	

Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
30.01	14:54	15:37	WEA10		43	43
31.01	14:54	15:36	WEA10		42	42
01.02	14:55	15:37	WEA10		42	42
02.02	14:56	15:36	WEA10		40	40
	14:56	15:36	WEA10		40	46
03.02	16:34	16:40	WEA07		6	
	14:57	15:35	WEA10		38	
04.02	16:31	16:43	WEA07		12	50
	14:59	15:35	WEA10		36	52
05.02	16:30	16:46	WEA07		16	
	15:00	15:34	WEA10		34	
06.02	16:28	16:48	WEA07		20	54
	15:01	15:33	WEA10		32	54
07.02	16:27	16:49	WEA07		22	
	15:03	15:31	WEA10		28	
08.02	16:26	16:50	WEA07		24	52
	15:05	15:30	WEA10		25	49
09.02	16:26	16:50	WEA07		24	
	15:07	15:27	WEA10		20	
10.02	16:25	16:51	WEA07		26	46
	15:10	15:24	WEA10		14	40
11.02	16:25	16:51	WEA07		26	
	16:25	16:51	WEA07		26	
12.02	16:25	16:51	WEA07		26	26
13.02	16:24	16:52	WEA07		28	28
14.02	16:25	16:52	WEA07		27	27
	16:49	16:51	WEA09		2	
15.02	16:25	16:52	WEA07		27	32
	16:43	16:57	WEA09		14	
16.02	16:25	16:51	WEA07		26	35
	16:40	17:00	WEA09		20	
17.02	16:26	16:51	WEA07		25	36
	16:38	17:02	WEA09		24	
18.02	16:26	16:49	WEA07		23	36
	16:36	17:02	WEA09		26	
19.02	16:27	16:48	WEA07		21	37
	16:35	17:04	WEA09		29	
20.02	16:28	16:47	WEA07		19	37
	16:34	17:05	WEA09		31	
21.02	16:30	16:46	WEA07		16	36
	16:33	17:06	WEA09		33	
22.02	16:32	17:07	WEA09		35	35
	16:33	16:43	WEA07		10	
23.02	16:32	17:07	WEA09		35	35
24.02	16:31	17:07	WEA09		36	36
25.02	16:30	17:07	WEA09		37	37
26.02	16:30	17:07	WEA09		37	37
27.02	16:31	17:08	WEA09		37	37
28.02	16:30	17:07	WEA09		37	37
29.02	16:30	17:07	WEA09		37	37
01.03	16:31	17:06	WEA09		35	35
02.03	16:30	17:05	WEA09		35	35
03.03	16:31	17:04	WEA09		33	33
04.03	16:32	17:04	WEA09		32	43
	17:30	17:41	WEA06		11	
05.03	16:32	17:02	WEA09		30	47
	17:26	17:43	WEA06		17	
06.03	16:34	17:01	WEA09		27	48
	17:24	17:45	WEA06		21	
07.03	16:36	16:59	WEA09		23	46
	17:23	17:46	WEA06		23	



Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
08.03	16:37	16:56	WEA09		19	47
	17:22	17:46	WEA06		24	
	17:48	17:52	WEA04		4	
09.03	16:41	16:53	WEA09		12	45
	17:21	17:47	WEA06		26	
	17:44	17:54	WEA04		10	
10.03	17:21	17:48	WEA06		27	35
	17:43	17:56	WEA04		13	
11.03	17:19	17:47	WEA06		28	38
	17:41	17:57	WEA04		16	
12.03	17:19	17:47	WEA06		28	41
	17:40	18:00	WEA04		20	
13.03	17:20	17:47	WEA06		27	40
	17:40	18:00	WEA04		20	
14.03	17:19	17:46	WEA06		27	41
	17:38	18:00	WEA04		22	
15.03	17:20	17:46	WEA06		26	40
	17:39	18:00	WEA04		21	
16.03	17:19	17:44	WEA06		25	40
	17:38	17:59	WEA04		21	
17.03	17:21	17:43	WEA06		22	37
	17:38	17:58	WEA04		20	
18.03	17:22	17:42	WEA06		20	36
	17:39	17:58	WEA04		19	
19.03	17:23	17:40	WEA06		17	33
	17:40	17:56	WEA04		16	
20.03	17:26	17:37	WEA06		11	24
	17:41	17:54	WEA04		13	
21.03	17:44	17:50	WEA04		6	6
02.04	19:21	19:31	WEA05		10	10
03.04	19:18	19:34	WEA05		16	16
04.04	19:15	19:35	WEA05		20	20
05.04	19:14	19:37	WEA05		23	23
06.04	19:12	19:38	WEA05		26	26
07.04	19:11	19:38	WEA05		27	27
08.04	19:10	19:38	WEA05		28	28
09.04	19:10	19:39	WEA05		29	29
10.04	19:09	19:39	WEA05		30	30
11.04	19:08	19:38	WEA05		30	30
12.04	19:08	19:38	WEA05		30	30
13.04	19:08	19:38	WEA05		30	30
14.04	19:09	19:37	WEA05		28	28
15.04	19:09	19:37	WEA05		28	28
16.04	19:09	19:35	WEA05		26	26
17.04	19:10	19:34	WEA05		24	27
	19:57	20:00	WEA03		3	
18.04	19:11	19:33	WEA05		22	32
	19:53	20:03	WEA03		10	
19.04	19:12	19:31	WEA05		19	34
	19:50	20:05	WEA03		15	
20.04	19:14	19:29	WEA05		15	33
	19:49	20:07	WEA03		18	
21.04	19:17	19:26	WEA05		9	29
	19:48	20:08	WEA03		20	
22.04	19:47	20:09	WEA03		22	22
23.04	19:46	20:09	WEA03		23	23
24.04	19:46	20:09	WEA03		23	23
25.04	19:45	20:09	WEA03		24	24
26.04	19:45	20:09	WEA03		24	24

Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
27.04	19:45	20:09	WEA03		24	24
28.04	19:45	20:09	WEA03		24	24
29.04	19:45	20:08	WEA03		23	23
30.04	19:46	20:07	WEA03		21	21
01.05	19:46	20:06	WEA03		20	20
02.05	19:47	20:05	WEA03		18	18
03.05	19:48	20:03	WEA03		15	15
04.05	19:51	20:02	WEA03		11	11
05.05	19:54	19:58	WEA03		4	4
08.08	20:02	20:09	WEA03		7	7
09.08	19:59	20:11	WEA03		12	12
10.08	19:57	20:13	WEA03		16	16
11.08	19:55	20:14	WEA03		19	19
12.08	19:55	20:15	WEA03		20	20
13.08	19:53	20:15	WEA03		22	22
14.08	19:53	20:16	WEA03		23	23
15.08	19:53	20:16	WEA03		23	23
16.08	19:52	20:16	WEA03		24	24
17.08	19:52	20:16	WEA03		24	24
18.08	19:51	20:15	WEA03		24	24
19.08	19:51	20:15	WEA03		24	24
20.08	19:51	20:14	WEA03		23	23
21.08	19:52	20:13	WEA03		21	21
22.08	19:21	19:32	WEA05		11	31
	19:53	20:13	WEA03		20	
23.08	19:17	19:33	WEA05		16	33
	19:53	20:10	WEA03		17	
24.08	19:15	19:35	WEA05		20	35
	19:54	20:09	WEA03		15	
25.08	19:13	19:36	WEA05		23	33
	19:56	20:06	WEA03		10	
26.08	19:12	19:37	WEA05		25	25
27.08	19:11	19:38	WEA05		27	27
28.08	19:10	19:38	WEA05		28	28
29.08	19:09	19:38	WEA05		29	29
30.08	19:08	19:38	WEA05		30	30
31.08	19:08	19:38	WEA05		30	30
01.09	19:08	19:38	WEA05		30	30
02.09	19:07	19:37	WEA05		30	30
03.09	19:08	19:37	WEA05		29	29
04.09	19:07	19:35	WEA05		28	28
05.09	19:08	19:35	WEA05		27	27
06.09	19:09	19:34	WEA05		25	25
07.09	19:09	19:32	WEA05		23	23
08.09	19:10	19:31	WEA05		21	21
09.09	19:11	19:28	WEA05		17	17
10.09	19:14	19:25	WEA05		11	11
22.09	18:32	18:33	WEA04		1	1
23.09	18:10	18:20	WEA06		10	21
	18:26	18:37	WEA04		11	
24.09	18:07	18:23	WEA06		16	31
	18:24	18:39	WEA04		15	
25.09	18:05	18:25	WEA06		20	35
	18:22	18:40	WEA04		18	
26.09	18:04	18:26	WEA06		22	37
	18:21	18:41	WEA04		20	
27.09	18:02	18:26	WEA06		24	38
	18:20	18:40	WEA04		20	
28.09	18:01	18:26	WEA06		25	40
	18:19	18:41	WEA04		22	



Bünner Wohld 3					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
29.09	18:00	18:27	WEA06	27	41
	18:19	18:41	WEA04	22	
30.09	17:59	18:26	WEA06	27	40
	18:18	18:39	WEA04	21	
01.10	17:58	18:26	WEA06	28	41
	18:19	18:39	WEA04	20	
02.10	17:58	18:26	WEA06	28	39
	18:19	18:37	WEA04	18	
03.10	17:58	18:26	WEA06	28	37
	18:20	18:35	WEA04	15	
04.10	17:21	17:27	WEA09	6	40
	17:58	18:24	WEA06	26	
	18:20	18:32	WEA04	12	
05.10	17:16	17:32	WEA09	16	48
	17:58	18:24	WEA06	26	
	18:23	18:30	WEA04	7	
06.10	17:13	17:34	WEA09	21	45
	17:59	18:23	WEA06	24	
07.10	17:11	17:36	WEA09	25	47
	18:00	18:22	WEA06	22	
08.10	17:09	17:37	WEA09	28	47
	18:01	18:20	WEA06	19	
09.10	17:07	17:37	WEA09	30	45
	18:02	18:17	WEA06	15	
10.10	17:06	17:38	WEA09	32	41
	18:05	18:14	WEA06	9	
11.10	17:05	17:39	WEA09	34	34
12.10	17:04	17:39	WEA09	35	35
13.10	17:04	17:40	WEA09	36	36
14.10	17:03	17:40	WEA09	37	37
15.10	17:02	17:39	WEA09	37	37
16.10	17:02	17:39	WEA09	37	37
17.10	17:02	17:39	WEA09	37	37
18.10	17:02	17:38	WEA09	36	36
19.10	17:02	17:38	WEA09	36	36
20.10	17:02	17:37	WEA09	35	35
21.10	17:02	17:14	WEA07	12	35
	17:03	17:37	WEA09	34	
22.10	17:00	17:17	WEA07	17	36
	17:03	17:36	WEA09	33	
23.10	16:58	17:18	WEA07	20	37
	17:04	17:35	WEA09	31	
24.10	16:57	17:19	WEA07	22	37
	17:05	17:34	WEA09	29	
25.10	15:56	16:20	WEA07	24	37
	16:06	16:33	WEA09	27	
26.10	15:55	16:21	WEA07	26	36
	16:08	16:31	WEA09	23	
27.10	15:55	16:21	WEA07	26	34
	16:10	16:29	WEA09	19	
28.10	15:54	16:21	WEA07	27	32
	16:13	16:26	WEA09	13	
29.10	15:54	16:21	WEA07	27	27
30.10	15:54	16:21	WEA07	27	27
31.10	15:54	16:21	WEA07	27	27
01.11	14:39	14:55	WEA10	16	43
	15:54	16:21	WEA07	27	
02.11	14:36	14:58	WEA10	22	47
	15:55	16:20	WEA07	25	

Bünner Wohld 3					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
03.11	14:34	15:00	WEA10	26	51
	15:55	16:20	WEA07	25	
04.11	14:32	15:01	WEA10	29	52
	15:56	16:19	WEA07	23	
05.11	14:31	15:03	WEA10	32	53
	15:57	16:18	WEA07	21	
06.11	14:30	15:04	WEA10	34	53
	15:58	16:17	WEA07	19	
07.11	14:29	15:05	WEA10	36	52
	16:00	16:16	WEA07	16	
08.11	14:28	15:06	WEA10	38	50
	16:02	16:14	WEA07	12	
09.11	14:27	15:06	WEA10	39	45
	16:05	16:11	WEA07	6	
10.11	14:26	15:07	WEA10	41	41
11.11	14:26	15:08	WEA10	42	42
12.11	14:26	15:08	WEA10	42	42
13.11	14:25	15:09	WEA10	44	44
	15:02	15:06	WEA08	4	
15.11	14:25	15:10	WEA10	45	45
	14:58	15:10	WEA08	12	
16.11	14:25	15:10	WEA10	45	48
	14:57	15:13	WEA08	16	
17.11	14:25	15:10	WEA10	45	49
	14:55	15:14	WEA08	19	
18.11	14:26	15:11	WEA10	45	50
	14:55	15:16	WEA08	21	
19.11	14:26	15:11	WEA10	45	51
	14:54	15:17	WEA08	23	
20.11	14:26	15:11	WEA10	45	52
	14:53	15:18	WEA08	25	
21.11	14:27	15:11	WEA10	44	52
	14:53	15:19	WEA08	26	
22.11	14:27	15:12	WEA10	45	53
	14:53	15:20	WEA08	27	
23.11	14:27	15:11	WEA10	44	52
	14:52	15:19	WEA08	27	
24.11	14:27	15:11	WEA10	44	53
	14:52	15:20	WEA08	28	
25.11	14:28	15:11	WEA10	43	53
	14:52	15:21	WEA08	29	
26.11	14:29	15:12	WEA10	43	53
	14:53	15:22	WEA08	29	
27.11	14:30	15:12	WEA10	42	52
	14:53	15:22	WEA08	29	
28.11	14:30	15:11	WEA10	41	52
	14:53	15:22	WEA08	29	
29.11	14:31	15:12	WEA10	41	52
	14:53	15:23	WEA08	30	
30.11	14:32	15:12	WEA10	40	52
	14:54	15:24	WEA08	30	
01.12	14:32	15:11	WEA10	39	51
	14:54	15:23	WEA08	29	
02.12	14:33	15:12	WEA10	39	51
	14:55	15:24	WEA08	29	
03.12	14:33	15:11	WEA10	38	51
	14:54	15:24	WEA08	30	
04.12	14:34	15:12	WEA10	38	51
	14:55	15:25	WEA08	30	



Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
05.12	14:35	15:11	WEA10		36	49
	14:55	15:24	WEA08		29	
06.12	14:36	15:12	WEA10		36	49
	14:57	15:25	WEA08		28	
07.12	14:37	15:12	WEA10		35	48
	14:57	15:25	WEA08		28	
08.12	14:37	15:11	WEA10		34	48
	14:57	15:25	WEA08		28	
09.12	14:39	15:12	WEA10		33	47
	14:58	15:26	WEA08		28	
10.12	14:39	15:12	WEA10		33	47
	14:59	15:26	WEA08		27	
11.12	13:57	14:02	WEA11		5	51
	14:40	15:12	WEA10		32	
	14:59	15:26	WEA08		27	
12.12	13:55	14:04	WEA11		9	54
	14:41	15:12	WEA10		31	
	15:00	15:26	WEA08		26	
13.12	13:55	14:06	WEA11		11	57
	14:41	15:12	WEA10		31	
	15:00	15:27	WEA08		27	
14.12	13:54	14:07	WEA11		13	58
	14:42	15:12	WEA10		30	
	15:01	15:27	WEA08		26	
15.12	13:54	14:08	WEA11		14	58
	14:43	15:12	WEA10		29	
	15:01	15:27	WEA08		26	
16.12	13:54	14:09	WEA11		15	59
	14:44	15:13	WEA10		29	
	15:02	15:28	WEA08		26	
17.12	13:55	14:10	WEA11		15	58
	14:45	15:13	WEA10		28	
	15:03	15:28	WEA08		25	
18.12	13:55	14:11	WEA11		16	60
	14:45	15:14	WEA10		29	
	15:04	15:29	WEA08		25	
19.12	13:55	14:11	WEA11		16	60
	14:45	15:13	WEA10		28	
	15:04	15:29	WEA08		25	
20.12	13:55	14:12	WEA11		17	61
	14:46	15:14	WEA10		28	
	15:05	15:30	WEA08		25	
21.12	13:55	14:12	WEA11		17	60
	14:46	15:14	WEA10		28	
	15:04	15:29	WEA08		25	
22.12	13:56	14:13	WEA11		17	60
	14:47	15:15	WEA10		28	
	15:05	15:30	WEA08		25	
23.12	13:56	14:13	WEA11		17	61
	14:47	15:15	WEA10		28	
	15:05	15:31	WEA08		26	
24.12	13:58	14:14	WEA11		16	60
	14:48	15:16	WEA10		28	
	15:07	15:32	WEA08		25	
25.12	13:58	14:14	WEA11		16	60
	14:48	15:17	WEA10		29	
	15:07	15:32	WEA08		25	
26.12	13:58	14:14	WEA11		16	59
	14:49	15:17	WEA10		28	
	15:07	15:32	WEA08		25	

Bünner Wohld 3						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
27.12	13:59	14:14	WEA11		15	59
	14:49	15:17	WEA10		28	
	15:07	15:33	WEA08		26	
28.12	14:00	14:14	WEA11		14	58
	14:49	15:18	WEA10		29	
	15:07	15:33	WEA08		26	
29.12	14:01	14:14	WEA11		13	58
	14:49	15:19	WEA10		30	
	15:08	15:34	WEA08		26	
30.12	14:02	14:14	WEA11		12	57
	14:49	15:20	WEA10		31	
	15:08	15:34	WEA08		26	
31.12	14:04	14:13	WEA11		9	55
	14:49	15:21	WEA10		32	
	15:08	15:35	WEA08		27	





Bünner Ringstraße 50						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	15:05	15:33	WEA11		28	28
02.01	15:06	15:34	WEA11		28	28
03.01	15:06	15:34	WEA11		28	28
04.01	15:06	15:34	WEA11		28	28
05.01	15:07	15:35	WEA11		28	28
06.01	15:07	15:35	WEA11		28	28
07.01	15:08	15:36	WEA11		28	28
08.01	15:08	15:36	WEA11		28	28
09.01	15:09	15:37	WEA11		28	28
10.01	15:09	15:37	WEA11		28	28
11.01	15:09	15:37	WEA11		28	28
12.01	15:09	15:37	WEA11		28	28
13.01	15:10	15:38	WEA11		28	28
14.01	15:10	15:38	WEA11		28	28
15.01	15:11	15:38	WEA11		27	27
16.01	15:12	15:38	WEA11		26	26
17.01	15:12	15:38	WEA11		26	26
18.01	15:13	15:38	WEA11		25	25
19.01	15:14	15:38	WEA11		24	24
20.01	15:15	15:38	WEA11		23	23
21.01	15:16	15:37	WEA11		21	21
22.01	15:17	15:37	WEA11		20	
	16:13	16:19	WEA08		6	26
23.01	15:19	15:36	WEA11		17	
	16:11	16:22	WEA08		11	28
24.01	15:20	15:35	WEA11		15	
	16:10	16:23	WEA08		13	28
25.01	15:23	15:33	WEA11		10	
	16:09	16:26	WEA08		17	27
26.01	16:08	16:27	WEA08		19	19
27.01	16:08	16:29	WEA08		21	21
28.01	16:08	16:29	WEA08		21	21
29.01	16:08	16:30	WEA08		22	22
30.01	16:07	16:30	WEA08		23	23
31.01	16:07	16:30	WEA08		23	
	16:20	16:29	WEA10		9	23
01.02	16:08	16:31	WEA08		23	
	16:18	16:33	WEA10		15	25
02.02	16:08	16:31	WEA08		23	
	16:16	16:35	WEA10		19	27
03.02	16:08	16:31	WEA08		23	
	16:14	16:36	WEA10		22	28
04.02	16:08	16:31	WEA08		23	
	16:13	16:37	WEA10		24	29
05.02	16:10	16:31	WEA08		21	
	16:13	16:39	WEA10		26	29
06.02	16:10	16:31	WEA08		21	
	16:12	16:40	WEA10		28	30
07.02	16:11	16:30	WEA08		19	
	16:11	16:41	WEA10		30	30
08.02	16:11	16:41	WEA10		30	
	16:12	16:29	WEA08		17	30
09.02	16:10	16:42	WEA10		32	
	16:14	16:27	WEA08		13	32
10.02	16:10	16:42	WEA10		32	
	16:16	16:25	WEA08		9	32
11.02	16:10	16:42	WEA10		32	32
12.02	16:10	16:42	WEA10		32	32
13.02	16:10	16:42	WEA10		32	32

Bünner Ringstraße 50						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
14.02	16:10	16:42	WEA10		32	32
15.02	16:11	16:42	WEA10		31	
	17:05	17:09	WEA07		4	35
16.02	16:11	16:42	WEA10		31	
	17:02	17:11	WEA07		9	40
17.02	16:12	16:41	WEA10		29	
	17:01	17:13	WEA07		12	41
18.02	16:12	16:40	WEA10		28	
	16:59	17:14	WEA07		15	43
19.02	16:13	16:39	WEA10		26	
	16:58	17:17	WEA07		19	45
20.02	16:14	16:38	WEA10		24	
	16:57	17:18	WEA07		21	45
21.02	16:16	16:37	WEA10		21	
	16:57	17:18	WEA07		21	42
22.02	16:18	16:35	WEA10		17	
	16:57	17:18	WEA07		21	38
23.02	16:21	16:32	WEA10		11	
	16:57	17:19	WEA07		22	33
24.02	16:57	17:17	WEA07		20	20
25.02	16:58	17:17	WEA07		19	19
26.02	16:59	17:16	WEA07		17	
	17:18	17:29	WEA09		11	28
27.02	17:00	17:15	WEA07		15	
	17:16	17:32	WEA09		16	31
28.02	17:01	17:12	WEA07		11	
	17:13	17:33	WEA09		20	31
29.02	17:05	17:09	WEA07		4	
	17:12	17:34	WEA09		22	26
01.03	17:11	17:35	WEA09		24	24
02.03	17:10	17:35	WEA09		25	25
03.03	17:09	17:35	WEA09		26	26
04.03	17:09	17:36	WEA09		27	27
05.03	17:08	17:35	WEA09		27	27
06.03	17:08	17:35	WEA09		27	27
07.03	17:09	17:35	WEA09		26	26
08.03	17:09	17:33	WEA09		24	
	17:48	17:52	WEA06		4	28
09.03	17:09	17:33	WEA09		24	
	17:45	17:54	WEA06		9	33
10.03	17:11	17:32	WEA09		21	
	17:43	17:56	WEA06		13	34
11.03	17:11	17:29	WEA09		18	
	17:41	17:57	WEA06		16	34
12.03	17:13	17:28	WEA09		15	
	17:40	18:00	WEA06		20	35
13.03	17:17	17:24	WEA09		7	
	17:40	18:00	WEA06		20	27
14.03	17:39	18:00	WEA06		21	21
15.03	17:39	18:00	WEA06		21	21
16.03	17:38	17:59	WEA06		21	21
17.03	17:39	17:58	WEA06		19	19
18.03	17:40	17:58	WEA06		18	18
19.03	17:40	17:56	WEA06		16	16
20.03	17:42	17:54	WEA06		12	12
21.03	17:44	17:50	WEA06		6	6
30.03	19:27	19:31	WEA05		4	4
31.03	19:23	19:33	WEA05		10	10
01.04	19:20	19:34	WEA05		14	14



Bünner Ringstraße 50						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.04	19:19	19:36	WEA05		17	17
03.04	19:18	19:39	WEA05		21	21
04.04	19:17	19:38	WEA05		21	21
05.04	19:17	19:38	WEA05		21	21
06.04	19:16	19:39	WEA05		23	23
07.04	19:16	19:37	WEA05		21	21
08.04	19:16	19:37	WEA05		21	21
09.04	19:16	19:37	WEA05		21	21
10.04	19:17	19:36	WEA05		19	19
11.04	19:17	19:34	WEA05		17	17
12.04	19:19	19:32	WEA05		13	13
13.04	19:22	19:29	WEA05		7	7
30.08	19:22	19:29	WEA05		7	7
31.08	19:19	19:32	WEA05		13	13
01.09	19:17	19:34	WEA05		17	17
02.09	19:15	19:34	WEA05		19	19
03.09	19:14	19:35	WEA05		21	21
04.09	19:13	19:34	WEA05		21	21
05.09	19:13	19:35	WEA05		22	22
06.09	19:12	19:35	WEA05		23	23
07.09	19:12	19:34	WEA05		22	22
08.09	19:12	19:33	WEA05		21	21
09.09	19:11	19:32	WEA05		21	21
10.09	19:12	19:30	WEA05		18	18
11.09	19:13	19:28	WEA05		15	15
12.09	19:14	19:25	WEA05		11	11
13.09	19:17	19:23	WEA05		6	6
23.09	18:26	18:37	WEA06		11	11
24.09	18:24	18:39	WEA06		15	15
25.09	18:23	18:40	WEA06		17	17
26.09	18:21	18:40	WEA06		19	19
27.09	18:20	18:40	WEA06		20	20
28.09	18:20	18:41	WEA06		21	21
29.09	18:19	18:41	WEA06		22	22
30.09	18:18	18:39	WEA06		21	21
01.10	17:53	18:05	WEA09		12	
	18:19	18:39	WEA06		20	32
02.10	17:51	18:08	WEA09		17	
	18:19	18:37	WEA06		18	35
03.10	17:49	18:09	WEA09		20	
	18:20	18:35	WEA06		15	35
04.10	17:47	18:09	WEA09		22	
	18:21	18:32	WEA06		11	33
05.10	17:46	18:10	WEA09		24	
	18:23	18:30	WEA06		7	31
06.10	17:45	18:10	WEA09		25	25
07.10	17:45	18:11	WEA09		26	26
08.10	17:44	18:11	WEA09		27	27
09.10	17:43	18:10	WEA09		27	27
10.10	17:43	18:10	WEA09		27	27
11.10	17:43	18:09	WEA09		26	26
12.10	17:44	18:08	WEA09		24	24
13.10	17:45	18:08	WEA09		23	23
14.10	17:36	17:44	WEA07		8	
	17:45	18:07	WEA09		22	30
15.10	17:32	17:45	WEA07		13	
	17:46	18:04	WEA09		18	31
16.10	17:31	17:47	WEA07		16	
	17:48	18:02	WEA09		14	30

Bünner Ringstraße 50						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
17.10	17:29	17:48	WEA07		19	
	17:51	17:59	WEA09		8	27
18.10	17:29	17:48	WEA07		19	19
19.10	17:28	17:49	WEA07		21	21
20.10	16:50	17:03	WEA10		13	
	17:28	17:49	WEA07		21	34
21.10	16:48	17:06	WEA10		18	
	17:28	17:49	WEA07		21	39
22.10	16:46	17:07	WEA10		21	
	17:28	17:49	WEA07		21	42
23.10	16:44	17:09	WEA10		25	
	17:28	17:48	WEA07		20	45
24.10	16:43	17:10	WEA10		27	
	17:29	17:46	WEA07		17	44
25.10	15:42	16:10	WEA10		28	
	16:29	16:44	WEA07		15	43
26.10	15:41	16:11	WEA10		30	
	16:31	16:42	WEA07		11	41
27.10	15:41	16:11	WEA10		30	
	16:32	16:40	WEA07		8	38
28.10	15:40	16:12	WEA10		32	
	16:36	16:38	WEA07		2	34
29.10	15:40	16:12	WEA10		32	32
30.10	15:40	16:12	WEA10		32	32
31.10	15:40	16:12	WEA10		32	32
01.11	15:40	16:12	WEA10		32	32
02.11	15:40	16:12	WEA10		32	
	15:45	15:55	WEA08		10	32
03.11	15:40	16:11	WEA10		31	
	15:43	15:57	WEA08		14	31
04.11	15:41	16:11	WEA10		30	
	15:42	15:59	WEA08		17	30
05.11	15:41	16:00	WEA08		19	
	15:41	16:10	WEA10		29	29
06.11	15:40	16:01	WEA08		21	
	15:42	16:10	WEA10		28	30
07.11	15:39	16:01	WEA08		22	
	15:43	16:09	WEA10		26	30
08.11	15:39	16:02	WEA08		23	
	15:44	16:08	WEA10		24	29
09.11	15:39	16:02	WEA08		23	
	15:45	16:07	WEA10		22	28
10.11	15:39	16:02	WEA08		23	
	15:47	16:05	WEA10		18	26
11.11	15:39	16:02	WEA08		23	
	15:49	16:04	WEA10		15	25
12.11	15:39	16:02	WEA08		23	
	15:52	16:01	WEA10		9	23
13.11	15:39	16:02	WEA08		23	23
14.11	15:40	16:02	WEA08		22	22
15.11	15:41	16:02	WEA08		21	21
16.11	15:41	16:02	WEA08		21	21
17.11	15:42	16:01	WEA08		19	19
18.11	14:57	15:07	WEA11		10	
	15:43	16:00	WEA08		17	27
19.11	14:55	15:10	WEA11		15	
	15:45	15:58	WEA08		13	28
20.11	14:54	15:11	WEA11		17	
	15:46	15:57	WEA08		11	28



Bünner Ringstraße 50					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
21.11	14:53	15:13	WEA11	20	27
	15:49	15:56	WEA08	7	
22.11	14:52	15:13	WEA11	21	21
23.11	14:51	15:14	WEA11	23	23
24.11	14:51	15:15	WEA11	24	24
25.11	14:51	15:16	WEA11	25	25
26.11	14:51	15:17	WEA11	26	26
27.11	14:52	15:18	WEA11	26	26
28.11	14:51	15:18	WEA11	27	27
29.11	14:51	15:19	WEA11	28	28
30.11	14:52	15:20	WEA11	28	28
01.12	14:52	15:20	WEA11	28	28
02.12	14:52	15:20	WEA11	28	28
03.12	14:52	15:20	WEA11	28	28
04.12	14:53	15:21	WEA11	28	28
05.12	14:53	15:21	WEA11	28	28
06.12	14:54	15:22	WEA11	28	28
07.12	14:54	15:22	WEA11	28	28
08.12	14:54	15:22	WEA11	28	28
09.12	14:55	15:23	WEA11	28	28
10.12	14:56	15:23	WEA11	27	27
11.12	14:56	15:24	WEA11	28	28
12.12	14:56	15:24	WEA11	28	28
13.12	14:57	15:24	WEA11	27	27
14.12	14:57	15:25	WEA11	28	28
15.12	14:58	15:25	WEA11	27	27
16.12	14:59	15:26	WEA11	27	27
17.12	14:59	15:26	WEA11	27	27
18.12	14:59	15:26	WEA11	27	27
19.12	15:00	15:27	WEA11	27	27
20.12	15:01	15:27	WEA11	26	26
21.12	15:01	15:27	WEA11	26	26
22.12	15:02	15:28	WEA11	26	26
23.12	15:02	15:28	WEA11	26	26
24.12	15:03	15:29	WEA11	26	26
25.12	15:03	15:30	WEA11	27	27
26.12	15:03	15:30	WEA11	27	27
27.12	15:03	15:30	WEA11	27	27
28.12	15:04	15:31	WEA11	27	27
29.12	15:04	15:31	WEA11	27	27
30.12	15:05	15:32	WEA11	27	27
31.12	15:05	15:33	WEA11	28	28

Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	14:15	14:47	WEA11		32	32
02.01	14:16	14:47	WEA11		31	31
03.01	14:16	14:48	WEA11		32	32
04.01	14:17	14:47	WEA11		30	30
05.01	14:18	14:48	WEA11		30	30
06.01	14:18	14:47	WEA11		29	34
	15:41	15:46	WEA08		5	
07.01	14:19	14:48	WEA11		29	38
	15:40	15:49	WEA08		9	
08.01	14:20	14:48	WEA11		28	40
	15:39	15:51	WEA08		12	
09.01	14:21	14:48	WEA11		27	41
	15:39	15:53	WEA08		14	
10.01	14:22	14:48	WEA11		26	42
	15:38	15:54	WEA08		16	
11.01	14:23	14:47	WEA11		24	42
	15:37	15:55	WEA08		18	
12.01	14:24	14:47	WEA11		23	43
	15:36	15:56	WEA08		20	
13.01	14:25	14:46	WEA11		21	42
	15:36	15:57	WEA08		21	
14.01	14:26	14:45	WEA11		19	41
	15:36	15:58	WEA08		22	
15.01	14:28	14:44	WEA11		16	40
	15:35	15:59	WEA08		24	
16.01	14:30	14:43	WEA11		13	38
	15:35	16:00	WEA08		25	
17.01	14:33	14:41	WEA11		8	34
	15:35	16:01	WEA08		26	
	15:38	15:45	WEA10		7	
18.01	15:35	16:02	WEA08		27	27
	15:35	15:49	WEA10		14	
19.01	15:33	15:52	WEA10		19	30
	15:35	16:03	WEA08		28	
20.01	15:32	15:54	WEA10		22	32
	15:35	16:04	WEA08		29	
21.01	15:30	15:55	WEA10		25	33
	15:35	16:03	WEA08		28	
22.01	15:29	15:57	WEA10		28	35
	15:35	16:04	WEA08		29	
23.01	15:29	15:59	WEA10		30	36
	15:36	16:05	WEA08		29	
24.01	15:28	16:00	WEA10		32	37
	15:35	16:05	WEA08		30	
25.01	15:27	16:01	WEA10		34	39
	15:36	16:06	WEA08		30	
26.01	15:26	16:02	WEA10		36	39
	15:36	16:05	WEA08		29	
27.01	15:26	16:03	WEA10		37	40
	15:37	16:06	WEA08		29	
28.01	15:25	16:04	WEA10		39	41
	15:37	16:06	WEA08		29	
29.01	15:25	16:05	WEA10		40	41
	15:38	16:06	WEA08		28	
30.01	15:25	16:06	WEA10		41	41
	15:38	16:06	WEA08		28	
31.01	15:24	16:06	WEA10		42	42
	15:38	16:05	WEA08		27	
01.02	15:25	16:08	WEA10		43	43
	15:40	16:05	WEA08		25	

Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.02	15:24	16:08	WEA10		44	44
	15:41	16:04	WEA08		23	
03.02	15:24	16:08	WEA10		44	44
	15:42	16:03	WEA08		21	
04.02	15:23	16:08	WEA10		45	45
	15:43	16:02	WEA08		19	
05.02	15:24	16:09	WEA10		45	45
	15:46	16:01	WEA08		15	
06.02	15:24	16:09	WEA10		45	45
	15:48	15:59	WEA08		11	
07.02	15:24	16:09	WEA10		45	45
08.02	15:24	16:09	WEA10		45	
09.02	15:24	16:09	WEA10		45	44
10.02	15:25	16:09	WEA10		44	
11.02	15:25	16:09	WEA10		44	53
12.02	15:25	16:09	WEA10		44	
	16:51	17:00	WEA07		9	
13.02	15:26	16:08	WEA10		42	57
	16:48	17:03	WEA07		15	
14.02	15:27	16:08	WEA10		41	59
	16:47	17:05	WEA07		18	
15.02	15:27	16:07	WEA10		40	61
	16:45	17:06	WEA07		21	
16.02	15:28	16:06	WEA10		38	61
	16:44	17:07	WEA07		23	
17.02	15:30	16:06	WEA10		36	60
	16:44	17:08	WEA07		24	
18.02	15:30	16:03	WEA10		33	59
	16:42	17:08	WEA07		26	
19.02	15:32	16:02	WEA10		30	56
	16:42	17:08	WEA07		26	
20.02	15:34	16:01	WEA10		27	53
	16:42	17:08	WEA07		26	
21.02	15:36	15:58	WEA10		22	49
	16:42	17:09	WEA07		27	
22.02	15:39	15:55	WEA10		16	43
	16:42	17:09	WEA07		27	
23.02	16:43	17:09	WEA07		26	26
24.02	16:42	17:07	WEA07		25	25
25.02	16:43	17:07	WEA07		24	33
	17:08	17:17	WEA09		9	
26.02	16:44	17:06	WEA07		22	37
	17:04	17:21	WEA09		17	
27.02	16:45	17:05	WEA07		20	38
	17:02	17:23	WEA09		21	
28.02	16:46	17:02	WEA07		16	38
	16:59	17:24	WEA09		25	
29.02	16:49	17:00	WEA07		11	37
	16:58	17:26	WEA09		28	
01.03	16:57	17:27	WEA09		30	30
02.03	16:55	17:27	WEA09		32	32
03.03	16:54	17:28	WEA09		34	34
04.03	16:54	17:29	WEA09		35	35
05.03	16:53	17:28	WEA09		35	35
06.03	16:53	17:28	WEA09		35	35
07.03	16:53	17:29	WEA09		36	36
08.03	16:52	17:28	WEA09		36	36
09.03	16:52	17:28	WEA09		36	36
10.03	16:53	17:27	WEA09		34	34



Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
11.03	16:52	17:26	WEA09		34	45
	17:44	17:55	WEA06		11	
12.03	16:53	17:26	WEA09		33	49
	17:42	17:58	WEA06		16	
13.03	16:54	17:25	WEA09		31	50
	17:40	17:59	WEA06		19	
14.03	16:54	17:23	WEA09		29	51
	17:38	18:00	WEA06		22	
15.03	16:56	17:22	WEA09		26	50
	17:37	18:01	WEA06		24	
16.03	16:56	17:19	WEA09		23	49
	17:35	18:01	WEA06		26	
17.03	16:59	17:17	WEA09		18	44
	17:35	18:01	WEA06		26	
18.03	17:02	17:14	WEA09		12	39
	17:35	18:02	WEA06		27	
19.03	17:34	18:01	WEA06		27	27
20.03	17:34	18:01	WEA06		27	27
21.03	17:34	17:59	WEA06		25	25
22.03	17:34	17:59	WEA06		25	25
23.03	17:35	17:58	WEA06		23	23
24.03	17:35	17:56	WEA06		21	21
25.03	17:37	17:55	WEA06		18	18
26.03	17:39	17:53	WEA06		14	14
27.03	17:42	17:49	WEA06		7	7
08.04	19:35	19:42	WEA05		7	7
09.04	19:31	19:46	WEA05		15	15
10.04	19:29	19:48	WEA05		19	19
11.04	19:27	19:48	WEA05		21	21
12.04	19:25	19:49	WEA05		24	24
13.04	19:25	19:50	WEA05		25	25
14.04	19:24	19:51	WEA05		27	27
15.04	19:23	19:51	WEA05		28	28
16.04	19:22	19:50	WEA05		28	28
17.04	19:22	19:50	WEA05		28	28
18.04	19:22	19:50	WEA05		28	28
19.04	19:22	19:50	WEA05		28	28
20.04	19:22	19:49	WEA05		27	27
21.04	19:23	19:49	WEA05		26	26
22.04	19:23	19:48	WEA05		25	32
	20:03	20:10	WEA03		7	
23.04	19:24	19:47	WEA05		23	34
	20:01	20:12	WEA03		11	
24.04	19:25	19:46	WEA05		21	36
	19:59	20:14	WEA03		15	
25.04	19:26	19:44	WEA05		18	35
	19:58	20:15	WEA03		17	
26.04	19:28	19:42	WEA05		14	34
	19:57	20:17	WEA03		20	
27.04	19:31	19:39	WEA05		8	30
	19:56	20:18	WEA03		22	
28.04	19:56	20:18	WEA03		22	22
29.04	19:55	20:18	WEA03		23	23
30.04	19:55	20:18	WEA03		23	23
01.05	19:55	20:17	WEA03		22	22
02.05	19:55	20:17	WEA03		22	22
03.05	19:55	20:16	WEA03		21	21
04.05	19:56	20:16	WEA03		20	20
05.05	19:56	20:15	WEA03		19	19

Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
06.05	19:57	20:14	WEA03		17	17
07.05	19:58	20:13	WEA03		15	15
08.05	20:00	20:12	WEA03		12	12
09.05	20:02	20:09	WEA03		7	7
04.08	20:11	20:20	WEA03		9	9
05.08	20:09	20:22	WEA03		13	13
06.08	20:08	20:24	WEA03		16	16
07.08	20:06	20:24	WEA03		18	18
08.08	20:05	20:25	WEA03		20	20
09.08	20:04	20:25	WEA03		21	21
10.08	20:04	20:26	WEA03		22	22
11.08	20:03	20:25	WEA03		22	22
12.08	20:03	20:26	WEA03		23	23
13.08	20:02	20:25	WEA03		23	23
14.08	20:03	20:25	WEA03		22	22
15.08	20:03	20:25	WEA03		22	22
16.08	19:36	19:46	WEA05		10	31
	20:03	20:24	WEA03		21	
17.08	19:34	19:49	WEA05		15	34
	20:04	20:23	WEA03		19	
18.08	19:31	19:50	WEA05		19	36
	20:04	20:21	WEA03		17	
19.08	19:30	19:52	WEA05		22	36
	20:05	20:19	WEA03		14	
20.08	19:28	19:52	WEA05		24	34
	20:06	20:16	WEA03		10	
21.08	19:28	19:53	WEA05		25	31
	20:09	20:15	WEA03		6	
22.08	19:27	19:53	WEA05		26	26
23.08	19:26	19:53	WEA05		27	27
24.08	19:26	19:54	WEA05		28	28
25.08	19:25	19:53	WEA05		28	28
26.08	19:25	19:53	WEA05		28	28
27.08	19:25	19:53	WEA05		28	28
28.08	19:24	19:52	WEA05		28	28
29.08	19:25	19:51	WEA05		26	26
30.08	19:25	19:50	WEA05		25	25
31.08	19:25	19:49	WEA05		24	24
01.09	19:27	19:48	WEA05		21	21
02.09	19:27	19:46	WEA05		19	19
03.09	19:29	19:44	WEA05		15	15
04.09	19:32	19:39	WEA05		7	7
16.09	18:32	18:37	WEA06		5	5
17.09	18:27	18:40	WEA06		13	13
18.09	18:25	18:42	WEA06		17	17
19.09	18:23	18:44	WEA06		21	21
20.09	18:21	18:44	WEA06		23	23
21.09	18:20	18:44	WEA06		24	24
22.09	18:19	18:45	WEA06		26	26
23.09	18:18	18:44	WEA06		26	26
24.09	18:18	18:44	WEA06		26	26
25.09	17:47	17:55	WEA09		8	35
	18:17	18:44	WEA06		27	
26.09	17:43	17:59	WEA09		16	42
	18:18	18:44	WEA06		26	
27.09	17:39	18:00	WEA09		21	47
	18:17	18:43	WEA06		26	
28.09	17:37	18:02	WEA09		25	50
	18:17	18:42	WEA06		25	



Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
29.09	17:35	18:03	WEA09		28	51
	18:18	18:41	WEA06		23	
30.09	17:33	18:03	WEA09		30	51
	18:18	18:39	WEA06		21	
01.10	17:32	18:04	WEA09		32	49
	18:20	18:37	WEA06		17	
02.10	17:31	18:05	WEA09		34	47
	18:22	18:35	WEA06		13	
03.10	17:31	18:05	WEA09		34	38
	18:26	18:30	WEA06		4	
04.10	17:29	18:05	WEA09		36	36
05.10	17:29	18:05	WEA09		36	36
06.10	17:29	18:05	WEA09		36	36
07.10	17:29	18:05	WEA09		36	36
08.10	17:29	18:04	WEA09		35	35
09.10	17:28	18:03	WEA09		35	35
10.10	17:28	18:02	WEA09		34	34
11.10	17:29	18:02	WEA09		33	33
12.10	17:29	18:01	WEA09		32	32
	17:25	17:30	WEA07		5	
14.10	17:21	17:34	WEA07		13	37
	17:31	17:58	WEA09		27	
	17:32	17:56	WEA09		24	
15.10	17:18	17:35	WEA07		17	38
	17:32	17:56	WEA09		24	
16.10	17:16	17:36	WEA07		20	38
	17:34	17:54	WEA09		20	
17.10	17:15	17:37	WEA07		22	36
	17:36	17:51	WEA09		15	
18.10	17:14	17:38	WEA07		24	27
	17:42	17:45	WEA09		3	
19.10	17:13	17:39	WEA07		26	26
20.10	16:14	16:22	WEA10		8	34
	17:13	17:39	WEA07		26	
21.10	16:09	16:27	WEA10		18	44
	17:13	17:39	WEA07		26	
22.10	16:06	16:30	WEA10		24	51
	17:12	17:39	WEA07		27	
23.10	16:03	16:31	WEA10		28	55
	17:12	17:39	WEA07		27	
24.10	16:02	16:33	WEA10		31	57
	17:13	17:39	WEA07		26	
25.10	15:00	15:34	WEA10		34	59
	16:13	16:38	WEA07		25	
26.10	14:59	15:35	WEA10		36	60
	16:13	16:37	WEA07		24	
27.10	14:58	15:36	WEA10		38	60
	16:14	16:36	WEA07		22	
28.10	14:57	15:37	WEA10		40	60
	16:15	16:35	WEA07		20	
29.10	14:56	15:37	WEA10		41	58
	16:17	16:34	WEA07		17	
30.10	14:55	15:38	WEA10		43	57
	16:18	16:32	WEA07		14	
31.10	14:55	15:38	WEA10		43	51
	16:21	16:29	WEA07		8	
01.11	14:54	15:39	WEA10		45	45
02.11	14:54	15:39	WEA10		45	45
03.11	14:54	15:39	WEA10		45	45

Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
04.11	14:54	15:39	WEA10		45	45
05.11	14:54	15:39	WEA10		45	45
06.11	14:54	15:39	WEA10		45	45
	15:18	15:29	WEA08		11	
07.11	14:54	15:39	WEA10		45	45
	15:15	15:31	WEA08		16	
08.11	14:54	15:39	WEA10		45	45
	15:14	15:33	WEA08		19	
09.11	14:55	15:39	WEA10		44	44
	15:12	15:34	WEA08		22	
10.11	14:55	15:39	WEA10		44	44
	15:12	15:35	WEA08		23	
11.11	14:55	15:38	WEA10		43	43
	15:11	15:36	WEA08		25	
12.11	14:56	15:38	WEA10		42	42
	15:10	15:37	WEA08		27	
13.11	14:57	15:38	WEA10		41	41
	15:10	15:38	WEA08		28	
14.11	14:57	15:37	WEA10		40	41
	15:10	15:38	WEA08		28	
15.11	14:58	15:37	WEA10		39	41
	15:10	15:39	WEA08		29	
16.11	14:59	15:36	WEA10		37	40
	15:10	15:39	WEA08		29	
17.11	15:00	15:36	WEA10		36	39
	15:10	15:39	WEA08		29	
18.11	15:01	15:35	WEA10		34	39
	15:10	15:40	WEA08		30	
19.11	15:03	15:35	WEA10		32	37
	15:10	15:40	WEA08		30	
20.11	15:04	15:34	WEA10		30	36
	15:11	15:40	WEA08		29	
21.11	15:05	15:33	WEA10		28	35
	15:11	15:40	WEA08		29	
22.11	15:06	15:31	WEA10		25	33
	15:11	15:39	WEA08		28	
23.11	15:08	15:30	WEA10		22	32
	15:12	15:40	WEA08		28	
24.11	15:10	15:29	WEA10		19	30
	15:12	15:40	WEA08		28	
25.11	15:13	15:40	WEA08		27	27
	15:13	15:27	WEA10		14	
26.11	14:13	14:20	WEA11		7	33
	15:14	15:40	WEA08		26	
27.11	14:10	14:23	WEA11		13	38
	15:15	15:40	WEA08		25	
28.11	14:08	14:24	WEA11		16	40
	15:15	15:39	WEA08		24	
29.11	14:07	14:26	WEA11		19	41
	15:17	15:39	WEA08		22	
30.11	14:07	14:28	WEA11		21	42
	15:18	15:39	WEA08		21	
01.12	14:06	14:29	WEA11		23	43
	15:18	15:38	WEA08		20	
02.12	14:06	14:30	WEA11		24	42
	15:20	15:38	WEA08		18	
03.12	14:05	14:31	WEA11		26	42
	15:21	15:37	WEA08		16	



Bünner Wohld 2						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
04.12	14:05	14:32	WEA11		27	41
	15:23	15:37	WEA08		14	
05.12	14:05	14:33	WEA11		28	40
	15:24	15:36	WEA08		12	
06.12	14:05	14:34	WEA11		29	39
	15:26	15:36	WEA08		10	
07.12	14:05	14:34	WEA11		29	35
	15:28	15:34	WEA08		6	
08.12	14:05	14:35	WEA11		30	30
09.12	14:06	14:36	WEA11		30	30
10.12	14:06	14:37	WEA11		31	31
11.12	14:06	14:37	WEA11		31	31
12.12	14:06	14:38	WEA11		32	32
13.12	14:06	14:38	WEA11		32	32
14.12	14:06	14:39	WEA11		33	33
15.12	14:07	14:40	WEA11		33	33
16.12	14:07	14:40	WEA11		33	33
17.12	14:08	14:41	WEA11		33	33
18.12	14:09	14:42	WEA11		33	33
19.12	14:08	14:42	WEA11		34	34
20.12	14:09	14:42	WEA11		33	33
21.12	14:09	14:42	WEA11		33	33
22.12	14:10	14:43	WEA11		33	33
23.12	14:10	14:43	WEA11		33	33
24.12	14:11	14:44	WEA11		33	33
25.12	14:11	14:45	WEA11		34	34
26.12	14:12	14:45	WEA11		33	33
27.12	14:12	14:45	WEA11		33	33
28.12	14:13	14:45	WEA11		32	32
29.12	14:13	14:46	WEA11		33	33
30.12	14:14	14:46	WEA11		32	32
31.12	14:15	14:47	WEA11		32	32

Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	14:40	15:17	WEA11		37	37
02.01	14:41	15:17	WEA11		36	36
03.01	14:41	15:18	WEA11		37	37
04.01	14:41	15:18	WEA11		37	37
05.01	14:41	15:20	WEA11		39	39
06.01	14:41	15:20	WEA11		39	39
07.01	14:42	15:21	WEA11		39	39
08.01	14:41	15:21	WEA11		40	40
09.01	14:42	15:23	WEA11		41	41
10.01	14:42	15:23	WEA11		41	41
11.01	14:42	15:23	WEA11		41	41
12.01	14:42	15:24	WEA11		42	42
13.01	14:42	15:24	WEA11		42	42
14.01	14:42	15:25	WEA11		43	43
15.01	14:42	15:25	WEA11		43	43
16.01	14:42	15:26	WEA11		44	44
17.01	14:42	15:27	WEA11		45	45
18.01	14:43	15:27	WEA11		44	44
19.01	14:43	15:28	WEA11		45	45
20.01	14:44	15:29	WEA11		45	45
21.01	14:43	15:28	WEA11		45	45
22.01	14:44	15:29	WEA11		45	45
23.01	14:45	15:29	WEA11		44	44
24.01	14:44	15:29	WEA11		45	45
25.01	14:45	15:30	WEA11		45	45
26.01	14:45	15:29	WEA11		44	44
27.01	14:46	15:30	WEA11		44	44
28.01	14:46	15:29	WEA11		43	43
29.01	14:48	15:30	WEA11		42	42
30.01	14:48	15:29	WEA11		41	41
31.01	14:48	15:28	WEA11		40	40
01.02	14:50	15:29	WEA11		39	39
02.02	14:51	15:28	WEA11		37	48
	16:21	16:32	WEA08		11	
03.02	14:52	15:27	WEA11		35	52
	16:18	16:35	WEA08		17	
04.02	14:53	15:26	WEA11		33	53
	16:16	16:36	WEA08		20	
05.02	14:55	15:26	WEA11		31	54
	16:16	16:39	WEA08		23	
06.02	14:56	15:24	WEA11		28	54
	16:14	16:40	WEA08		26	
07.02	14:58	15:22	WEA11		24	52
	16:13	16:41	WEA08		28	
08.02	15:01	15:20	WEA11		19	49
	16:12	16:42	WEA08		30	
09.02	15:04	15:17	WEA11		13	44
	16:12	16:43	WEA08		31	
10.02	16:11	16:43	WEA08		32	32
11.02	16:11	16:44	WEA08		33	33
12.02	16:11	16:44	WEA08		33	33
13.02	16:10	16:44	WEA08		34	34
14.02	16:10	16:44	WEA08		34	34
15.02	16:10	16:44	WEA08		34	34
16.02	16:11	16:44	WEA08		33	33
17.02	16:11	16:44	WEA08		33	33
18.02	16:11	16:43	WEA08		32	32
19.02	16:11	16:43	WEA08		32	32
20.02	16:12	16:42	WEA08		30	30

Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
21.02	16:13	16:41	WEA08		28	35
	16:35	16:48	WEA10		13	
22.02	16:14	16:40	WEA08		26	39
	16:30	16:53	WEA10		23	
23.02	16:16	16:39	WEA08		23	40
	16:27	16:56	WEA10		29	
24.02	16:17	16:36	WEA08		19	40
	16:24	16:57	WEA10		33	
25.02	16:20	16:34	WEA08		14	39
	16:22	16:59	WEA10		37	
26.02	16:21	17:01	WEA10		40	40
27.02	16:20	17:02	WEA10		42	42
28.02	16:18	17:03	WEA10		45	45
29.02	16:17	17:04	WEA10		47	47
01.03	16:16	17:05	WEA10		49	49
02.03	16:14	17:05	WEA10		51	64
	17:23	17:36	WEA07		13	
03.03	16:14	17:06	WEA10		52	70
	17:21	17:39	WEA07		18	
04.03	16:13	17:06	WEA10		53	74
	17:19	17:40	WEA07		21	
05.03	16:12	17:06	WEA10		54	78
	17:17	17:41	WEA07		24	
06.03	16:12	17:07	WEA10		55	81
	17:16	17:42	WEA07		26	
07.03	16:11	17:07	WEA10		56	83
	17:16	17:43	WEA07		27	
08.03	16:10	17:06	WEA10		56	84
	17:14	17:42	WEA07		28	
09.03	16:10	17:07	WEA10		57	86
	17:14	17:43	WEA07		29	
10.03	16:11	17:07	WEA10		56	85
	17:14	17:43	WEA07		29	
11.03	16:10	17:06	WEA10		56	85
	17:13	17:42	WEA07		29	
12.03	16:10	17:06	WEA10		56	84
	17:14	17:42	WEA07		28	
13.03	16:11	17:06	WEA10		55	83
	17:14	17:42	WEA07		28	
14.03	16:10	17:04	WEA10		54	80
	17:14	17:40	WEA07		26	
15.03	16:11	17:04	WEA10		53	78
	17:15	17:40	WEA07		25	
16.03	16:11	17:03	WEA10		52	75
	17:15	17:38	WEA07		23	
17.03	16:11	17:02	WEA10		51	70
	17:17	17:36	WEA07		19	
18.03	16:12	17:02	WEA10		50	65
	17:19	17:34	WEA07		15	
19.03	16:13	17:00	WEA10		47	56
	17:21	17:30	WEA07		9	
20.03	16:14	16:59	WEA10		45	45
21.03	16:14	16:57	WEA10		43	43
22.03	16:16	16:56	WEA10		40	53
	17:51	18:04	WEA09		13	
23.03	16:18	16:54	WEA10		36	55
	17:48	18:07	WEA09		19	
24.03	16:19	16:51	WEA10		32	56
	17:45	18:09	WEA09		24	





Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
25.03	16:22	16:49	WEA10		27	54
	17:43	18:10	WEA09		27	
26.03	16:26	16:46	WEA10		20	51
	17:41	18:12	WEA09		31	
27.03	16:31	16:39	WEA10		8	41
	17:39	18:12	WEA09		33	
28.03	17:39	18:13	WEA09		34	37
	18:25	18:28	WEA04		3	
29.03	18:37	19:13	WEA09		36	45
	19:20	19:29	WEA04		9	
30.03	18:36	19:14	WEA09		38	50
	19:19	19:31	WEA04		12	
	19:19	19:27	WEA06		8	
31.03	18:36	19:14	WEA09		38	55
	19:16	19:31	WEA06		15	
	19:17	19:33	WEA04		16	
01.04	18:35	19:13	WEA09		38	59
	19:13	19:32	WEA06		19	
	19:16	19:34	WEA04		18	
02.04	18:35	19:14	WEA09		39	61
	19:11	19:33	WEA06		22	
	19:15	19:36	WEA04		21	
03.04	18:35	19:14	WEA09		39	61
	19:10	19:34	WEA06		24	
	19:15	19:36	WEA04		21	
04.04	18:34	19:13	WEA09		39	61
	19:08	19:34	WEA06		26	
	19:14	19:35	WEA04		21	
05.04	18:34	19:12	WEA09		38	61
	19:08	19:35	WEA06		27	
	19:14	19:35	WEA04		21	
06.04	18:34	19:12	WEA09		38	61
	19:08	19:35	WEA06		27	
	19:15	19:34	WEA04		19	
07.04	18:34	19:11	WEA09		37	60
	19:06	19:34	WEA06		28	
	19:14	19:33	WEA04		19	
08.04	18:34	19:10	WEA09		36	60
	19:06	19:34	WEA06		28	
	19:15	19:32	WEA04		17	
09.04	18:35	19:09	WEA09		34	59
	19:06	19:34	WEA06		28	
	19:17	19:30	WEA04		13	
10.04	18:36	19:09	WEA09		33	58
	19:07	19:34	WEA06		27	
	19:19	19:28	WEA04		9	
11.04	18:36	19:06	WEA09		30	56
	19:06	19:32	WEA06		26	
12.04	18:38	19:05	WEA09		27	51
	19:07	19:31	WEA06		24	
13.04	18:39	19:03	WEA09		24	46
	19:08	19:30	WEA06		22	
14.04	18:41	19:01	WEA09		20	40
	19:09	19:29	WEA06		20	
15.04	18:44	18:58	WEA09		14	31
	19:11	19:28	WEA06		17	
16.04	19:12	19:24	WEA06		12	12
17.04	19:17	19:19	WEA06		2	2
29.04	20:13	20:17	WEA05		4	4

Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
30.04	20:09	20:21	WEA05		12	12
01.05	20:06	20:23	WEA05		17	17
02.05	20:05	20:24	WEA05		19	19
03.05	20:03	20:25	WEA05		22	22
04.05	20:03	20:27	WEA05		24	24
05.05	20:02	20:27	WEA05		25	25
06.05	20:01	20:27	WEA05		26	26
07.05	20:00	20:27	WEA05		27	27
08.05	20:01	20:28	WEA05		27	27
09.05	20:00	20:28	WEA05		28	28
	20:33	20:39	WEA03		6	34
11.05	20:00	20:28	WEA05		28	37
	20:32	20:41	WEA03		9	
12.05	20:00	20:28	WEA05		28	40
	20:30	20:42	WEA03		12	
13.05	20:01	20:28	WEA05		27	42
	20:29	20:44	WEA03		15	
14.05	20:00	20:27	WEA05		27	44
	20:28	20:45	WEA03		17	
15.05	20:01	20:27	WEA05		26	45
	20:28	20:47	WEA03		19	
16.05	20:01	20:27	WEA05		26	46
	20:27	20:47	WEA03		20	
17.05	20:02	20:26	WEA05		24	45
	20:27	20:48	WEA03		21	
18.05	20:03	20:26	WEA05		23	45
	20:27	20:49	WEA03		22	
19.05	20:03	20:25	WEA05		23	45
	20:26	20:49	WEA03		22	
20.05	20:04	20:25	WEA05		21	43
	20:27	20:49	WEA03		22	
21.05	20:05	20:24	WEA05		19	41
	20:27	20:49	WEA03		22	
22.05	20:06	20:23	WEA05		17	39
	20:27	20:49	WEA03		22	
23.05	20:07	20:21	WEA05		14	36
	20:27	20:49	WEA03		22	
24.05	20:08	20:20	WEA05		12	34
	20:27	20:49	WEA03		22	
25.05	20:11	20:18	WEA05		7	28
	20:28	20:49	WEA03		21	
26.05	20:28	20:48	WEA03		20	20
27.05	20:28	20:48	WEA03		20	20
28.05	20:29	20:48	WEA03		19	19
29.05	20:29	20:47	WEA03		18	18
30.05	20:31	20:48	WEA03		17	17
31.05	20:32	20:47	WEA03		15	15
01.06	20:32	20:47	WEA03		15	15
02.06	20:33	20:46	WEA03		13	13
03.06	20:34	20:46	WEA03		12	12
04.06	20:35	20:44	WEA03		9	9
05.06	20:36	20:43	WEA03		7	7
06.06	20:39	20:42	WEA03		3	3
07.07	20:44	20:50	WEA03		6	6
08.07	20:42	20:50	WEA03		8	8
09.07	20:41	20:52	WEA03		11	11
10.07	20:40	20:53	WEA03		13	13
11.07	20:40	20:54	WEA03		14	14



Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
12.07	20:39	20:54	WEA03		15	15
13.07	20:39	20:55	WEA03		16	16
14.07	20:39	20:57	WEA03		18	18
15.07	20:39	20:57	WEA03		18	18
16.07	20:38	20:57	WEA03		19	19
17.07	20:38	20:58	WEA03		20	20
18.07	20:22	20:26	WEA05		4	25
	20:37	20:58	WEA03		21	
19.07	20:19	20:29	WEA05		10	31
	20:37	20:58	WEA03		21	
20.07	20:18	20:31	WEA05		13	35
	20:37	20:59	WEA03		22	
21.07	20:16	20:32	WEA05		16	38
	20:37	20:59	WEA03		22	
22.07	20:15	20:33	WEA05		18	40
	20:37	20:59	WEA03		22	
23.07	20:15	20:35	WEA05		20	43
	20:37	21:00	WEA03		23	
24.07	20:14	20:35	WEA05		21	43
	20:37	20:59	WEA03		22	
25.07	20:13	20:36	WEA05		23	45
	20:37	20:59	WEA03		22	
26.07	20:13	20:37	WEA05		24	45
	20:38	20:59	WEA03		21	
27.07	20:12	20:37	WEA05		25	46
	20:38	20:59	WEA03		21	
28.07	20:12	20:38	WEA05		26	45
	20:39	20:58	WEA03		19	
29.07	20:11	20:38	WEA05		27	44
	20:39	20:56	WEA03		17	
30.07	20:11	20:38	WEA05		27	42
	20:39	20:54	WEA03		15	
31.07	20:11	20:38	WEA05		27	40
	20:40	20:53	WEA03		13	
01.08	20:10	20:38	WEA05		28	38
	20:41	20:51	WEA03		10	
02.08	20:11	20:39	WEA05		28	35
	20:43	20:50	WEA03		7	
03.08	20:10	20:38	WEA05		28	31
	20:45	20:48	WEA03		3	
04.08	20:11	20:38	WEA05		27	27
05.08	20:10	20:37	WEA05		27	27
06.08	20:11	20:38	WEA05		27	27
07.08	20:11	20:36	WEA05		25	25
08.08	20:12	20:36	WEA05		24	24
09.08	20:12	20:35	WEA05		23	23
10.08	20:13	20:34	WEA05		21	21
11.08	20:14	20:32	WEA05		18	18
12.08	20:16	20:31	WEA05		15	15
13.08	20:17	20:28	WEA05		11	11
26.08	19:18	19:23	WEA06		5	5
27.08	19:14	19:27	WEA06		13	13
	18:45	18:59	WEA09		14	
28.08	19:11	19:29	WEA06		18	32
	18:42	19:02	WEA09		20	
29.08	19:10	19:30	WEA06		20	40
	18:39	19:03	WEA09		24	
30.08	19:08	19:30	WEA06		22	46
	18:37	19:05	WEA09		28	
31.08	19:07	19:31	WEA06		24	52

Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.09	18:36	19:06	WEA09		30	56
	19:06	19:32	WEA06		26	
02.09	18:34	19:07	WEA09		33	58
	19:05	19:32	WEA06		27	
	19:17	19:26	WEA04		9	
03.09	18:33	19:07	WEA09		34	59
	19:04	19:32	WEA06		28	
	19:15	19:28	WEA04		13	
04.09	18:31	19:07	WEA09		36	60
	19:03	19:31	WEA06		28	
	19:12	19:29	WEA04		17	
05.09	18:31	19:08	WEA09		37	60
	19:03	19:31	WEA06		28	
	19:11	19:30	WEA04		19	
06.09	18:30	19:08	WEA09		38	61
	19:04	19:31	WEA06		27	
	19:11	19:30	WEA04		19	
07.09	18:29	19:08	WEA09		39	61
	19:03	19:30	WEA06		27	
	19:09	19:30	WEA04		21	
08.09	18:29	19:08	WEA09		39	61
	19:04	19:29	WEA06		25	
	19:09	19:30	WEA04		21	
09.09	18:28	19:07	WEA09		39	61
	19:03	19:27	WEA06		24	
	19:08	19:29	WEA04		21	
10.09	18:28	19:07	WEA09		39	61
	19:04	19:26	WEA06		22	
	19:08	19:29	WEA04		21	
11.09	18:28	19:07	WEA09		39	60
	19:06	19:25	WEA06		19	
	19:09	19:28	WEA04		19	
12.09	18:27	19:05	WEA09		38	56
	19:07	19:22	WEA06		15	
	19:09	19:25	WEA04		16	
13.09	18:28	19:05	WEA09		37	51
	19:09	19:19	WEA06		10	
	19:10	19:23	WEA04		13	
14.09	18:28	19:04	WEA09		36	46
	19:11	19:21	WEA04		10	
	18:28	19:03	WEA09		35	
15.09	19:14	19:18	WEA04		4	39
	17:23	17:26	WEA10		3	
16.09	18:29	19:02	WEA09		33	36
	17:14	17:32	WEA10		18	
17.09	18:29	19:00	WEA09		31	49
	17:10	17:36	WEA10		26	
18.09	18:30	18:58	WEA09		28	54
	17:07	17:38	WEA10		31	
19.09	18:32	18:57	WEA09		25	56
	17:04	17:39	WEA10		35	
20.09	18:33	18:53	WEA09		20	55
	17:02	17:41	WEA10		39	
21.09	18:36	18:50	WEA09		14	53
	17:00	17:42	WEA10		42	
22.09	16:58	17:42	WEA10		44	44
23.09	16:57	17:43	WEA10		46	51
	18:07	18:12	WEA07		5	
25.09	16:55	17:44	WEA10		49	63
	18:02	18:16	WEA07		14	



Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
26.09	16:54	17:45	WEA10		51	69
	18:00	18:18	WEA07		18	
27.09	16:53	17:44	WEA10		51	73
	17:57	18:19	WEA07		22	
28.09	16:52	17:45	WEA10		53	77
	17:56	18:20	WEA07		24	
29.09	16:51	17:45	WEA10		54	80
	17:55	18:21	WEA07		26	
30.09	16:50	17:44	WEA10		54	81
	17:53	18:20	WEA07		27	
01.10	16:49	17:45	WEA10		56	84
	17:53	18:21	WEA07		28	
02.10	16:49	17:45	WEA10		56	85
	17:52	18:21	WEA07		29	
03.10	16:49	17:45	WEA10		56	85
	17:52	18:21	WEA07		29	
04.10	16:47	17:44	WEA10		57	86
	17:51	18:20	WEA07		29	
05.10	16:47	17:43	WEA10		56	84
	17:51	18:19	WEA07		28	
06.10	16:47	17:43	WEA10		56	84
	17:51	18:19	WEA07		28	
07.10	16:47	17:43	WEA10		56	82
	17:52	18:18	WEA07		26	
08.10	16:48	17:42	WEA10		54	78
	17:53	18:17	WEA07		24	
09.10	16:47	17:41	WEA10		54	76
	17:53	18:15	WEA07		22	
10.10	16:47	17:40	WEA10		53	73
	17:54	18:14	WEA07		20	
11.10	16:48	17:39	WEA10		51	67
	17:56	18:12	WEA07		16	
12.10	16:49	17:39	WEA10		50	60
	17:59	18:09	WEA07		10	
13.10	16:49	17:38	WEA10		49	49
14.10	16:50	17:37	WEA10		47	47
15.10	16:50	17:34	WEA10		44	44
16.10	16:51	17:33	WEA10		42	42
	16:53	17:31	WEA10		38	
18.10	16:50	17:06	WEA08		16	40
	16:54	17:30	WEA10		36	
19.10	16:48	17:08	WEA08		20	40
	16:56	17:28	WEA10		32	
20.10	16:46	17:10	WEA08		24	39
	16:59	17:25	WEA10		26	
21.10	16:44	17:11	WEA08		27	38
	17:02	17:22	WEA10		20	
22.10	16:43	17:12	WEA08		29	33
	17:07	17:16	WEA10		9	
23.10	16:42	17:13	WEA08		31	31
24.10	16:42	17:13	WEA08		31	31
25.10	15:41	16:14	WEA08		33	33
26.10	15:40	16:14	WEA08		34	34
27.10	15:40	16:14	WEA08		34	34
28.10	15:40	16:14	WEA08		34	34
29.10	15:40	16:14	WEA08		34	34
30.10	15:40	16:14	WEA08		34	34
31.10	15:40	16:14	WEA08		34	34

Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.11	15:41	16:13	WEA08		32	32
02.11	15:41	16:13	WEA08		32	32
03.11	14:33	14:47	WEA11		14	44
	15:42	16:12	WEA08		30	
04.11	14:30	14:50	WEA11		20	49
	15:42	16:11	WEA08		29	
05.11	14:28	14:52	WEA11		24	52
	15:43	16:11	WEA08		28	
06.11	14:26	14:54	WEA11		28	54
	15:44	16:10	WEA08		26	
07.11	14:24	14:56	WEA11		32	55
	15:45	16:08	WEA08		23	
08.11	14:23	14:57	WEA11		34	54
	15:47	16:07	WEA08		20	
09.11	14:22	14:58	WEA11		36	52
	15:49	16:05	WEA08		16	
10.11	14:21	14:59	WEA11		38	49
	15:52	16:03	WEA08		11	
11.11	14:21	15:00	WEA11		39	39
12.11	14:20	15:00	WEA11		40	40
13.11	14:20	15:01	WEA11		41	41
14.11	14:20	15:02	WEA11		42	42
15.11	14:19	15:02	WEA11		43	43
16.11	14:19	15:03	WEA11		44	44
17.11	14:19	15:03	WEA11		44	44
18.11	14:19	15:04	WEA11		45	45
19.11	14:19	15:04	WEA11		45	45
20.11	14:20	15:04	WEA11		44	44
21.11	14:20	15:05	WEA11		45	45
22.11	14:19	15:04	WEA11		45	45
23.11	14:20	15:05	WEA11		45	45
24.11	14:20	15:05	WEA11		45	45
25.11	14:21	15:05	WEA11		44	44
26.11	14:22	15:06	WEA11		44	44
27.11	14:22	15:06	WEA11		44	44
28.11	14:22	15:06	WEA11		44	44
29.11	14:23	15:06	WEA11		43	43
30.11	14:24	15:07	WEA11		43	43
01.12	14:24	15:06	WEA11		42	42
02.12	14:25	15:07	WEA11		42	42
03.12	14:25	15:06	WEA11		41	41
04.12	14:26	15:07	WEA11		41	41
05.12	14:26	15:06	WEA11		40	40
06.12	14:28	15:07	WEA11		39	39
07.12	14:28	15:07	WEA11		39	39
08.12	14:28	15:07	WEA11		39	39
09.12	14:30	15:08	WEA11		38	38
10.12	14:30	15:08	WEA11		38	38
11.12	14:31	15:08	WEA11		37	37
12.12	14:31	15:08	WEA11		37	37
13.12	14:32	15:08	WEA11		36	36
14.12	14:33	15:08	WEA11		35	35
15.12	14:33	15:08	WEA11		35	35
16.12	14:34	15:09	WEA11		35	35
17.12	14:35	15:09	WEA11		34	34
18.12	14:35	15:09	WEA11		34	34
19.12	14:36	15:10	WEA11		34	34
20.12	14:37	15:10	WEA11		33	33
21.12	14:37	15:10	WEA11		33	33



Bünner Ringstraße 56						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
22.12	14:38	15:11	WEA11		33	33
23.12	14:38	15:11	WEA11		33	33
24.12	14:39	15:13	WEA11		34	34
25.12	14:39	15:13	WEA11		34	34
26.12	14:39	15:13	WEA11		34	34
27.12	14:39	15:14	WEA11		35	35
28.12	14:39	15:14	WEA11		35	35
29.12	14:40	15:15	WEA11		35	35
30.12	14:40	15:16	WEA11		36	36
31.12	14:40	15:16	WEA11		36	36

Bünner Ringstraße 54						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
07.02	16:25	16:35	WEA11		10	10
08.02	16:21	16:39	WEA11		18	18
09.02	16:19	16:41	WEA11		22	22
10.02	16:17	16:43	WEA11		26	26
11.02	16:16	16:44	WEA11		28	28
12.02	16:14	16:46	WEA11		32	32
13.02	16:13	16:47	WEA11		34	34
14.02	16:13	16:48	WEA11		35	35
15.02	16:12	16:49	WEA11		37	37
16.02	16:11	16:49	WEA11		38	38
17.02	16:11	16:50	WEA11		39	39
18.02	16:10	16:49	WEA11		39	39
19.02	16:10	16:50	WEA11		40	40
20.02	16:09	16:50	WEA11		41	41
21.02	16:09	16:50	WEA11		41	41
22.02	16:10	16:50	WEA11		40	40
23.02	16:10	16:50	WEA11		40	40
24.02	16:09	16:49	WEA11		40	40
25.02	16:10	16:49	WEA11		39	
	17:16	17:22	WEA08		6	45
26.02	16:11	16:49	WEA11		38	
	17:12	17:26	WEA08		14	52
27.02	16:11	16:48	WEA11		37	
	17:10	17:29	WEA08		19	56
28.02	16:11	16:46	WEA11		35	
	17:07	17:29	WEA08		22	57
29.02	16:13	16:46	WEA11		33	
	17:06	17:31	WEA08		25	58
01.03	16:14	16:45	WEA11		31	
	17:05	17:32	WEA08		27	58
02.03	16:15	16:42	WEA11		27	
	17:04	17:32	WEA08		28	55
03.03	16:17	16:41	WEA11		24	
	17:04	17:32	WEA08		28	52
04.03	16:19	16:38	WEA11		19	
	17:03	17:33	WEA08		30	49
05.03	16:22	16:34	WEA11		12	
	17:02	17:32	WEA08		30	42
06.03	17:02	17:32	WEA08		30	30
07.03	17:03	17:32	WEA08		29	29
08.03	17:02	17:31	WEA08		29	29
09.03	17:03	17:30	WEA08		27	27
10.03	17:04	17:30	WEA08		26	26
11.03	17:04	17:28	WEA08		24	24
12.03	17:06	17:27	WEA08		21	21
13.03	17:08	17:25	WEA08		17	17
14.03	17:09	17:21	WEA08		12	12
17.03	17:57	18:08	WEA07		11	11
18.03	17:55	18:11	WEA07		16	16
19.03	17:52	18:11	WEA07		19	19
20.03	17:51	18:12	WEA07		21	21
21.03	17:43	17:58	WEA10		15	
	17:50	18:12	WEA07		22	29
22.03	17:39	18:01	WEA10		22	
	17:49	18:13	WEA07		24	34
23.03	17:37	18:04	WEA10		27	
	17:49	18:13	WEA07		24	36
24.03	17:34	18:05	WEA10		31	
	17:48	18:12	WEA07		24	38

Bünner Ringstraße 54						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
25.03	17:33	18:06	WEA10		33	
	17:48	18:12	WEA07		24	39
26.03	17:32	18:07	WEA10		35	
	17:48	18:12	WEA07		24	40
27.03	17:30	18:07	WEA10		37	
	17:48	18:11	WEA07		23	41
28.03	17:29	18:08	WEA10		39	
	17:49	18:10	WEA07		21	41
29.03	18:27	19:08	WEA10		41	
	18:49	19:08	WEA07		19	41
30.03	18:27	19:09	WEA10		42	
	18:51	19:06	WEA07		15	42
31.03	18:27	19:09	WEA10		42	
	18:53	19:04	WEA07		11	42
01.04	18:25	19:08	WEA10		43	43
02.04	18:25	19:09	WEA10		44	44
03.04	18:25	19:09	WEA10		44	44
04.04	18:24	19:08	WEA10		44	44
05.04	18:25	19:08	WEA10		43	43
06.04	18:25	19:07	WEA10		42	
	19:28	19:37	WEA09		9	51
07.04	18:24	19:06	WEA10		42	
	19:24	19:40	WEA09		16	58
08.04	18:25	19:05	WEA10		40	
	19:22	19:42	WEA09		20	60
09.04	18:26	19:05	WEA10		39	
	19:20	19:43	WEA09		23	
	19:42	19:48	WEA06		6	67
10.04	18:27	19:04	WEA10		37	
	19:19	19:44	WEA09		25	
	19:39	19:50	WEA06		11	68
11.04	18:27	19:02	WEA10		35	
	19:17	19:44	WEA09		27	
	19:36	19:51	WEA06		15	69
12.04	18:28	19:01	WEA10		33	
	19:16	19:45	WEA09		29	
	19:35	19:53	WEA06		18	70
13.04	18:29	19:00	WEA10		31	
	19:16	19:45	WEA09		29	
	19:34	19:55	WEA06		21	70
14.04	18:31	18:58	WEA10		27	
	19:15	19:46	WEA09		31	
	19:33	19:55	WEA06		22	67
15.04	18:33	18:56	WEA10		23	
	19:15	19:46	WEA09		31	
	19:33	19:55	WEA06		22	63
16.04	18:34	18:53	WEA10		19	
	19:14	19:45	WEA09		31	
	19:31	19:55	WEA06		24	60
17.04	18:38	18:49	WEA10		11	
	19:14	19:45	WEA09		31	
	19:31	19:55	WEA06		24	52
18.04	19:14	19:44	WEA09		30	
	19:31	19:54	WEA06		23	40
19.04	19:14	19:44	WEA09		30	
	19:32	19:54	WEA06		22	40
20.04	19:15	19:43	WEA09		28	
	19:32	19:53	WEA06		21	38
21.04	19:15	19:43	WEA09		28	
	19:33	19:52	WEA06		19	37



Bünner Ringstraße 54					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
22.04	19:16	19:42	WEA09	26	35
	19:34	19:51	WEA06	17	
23.04	19:17	19:40	WEA09	23	33
	19:35	19:50	WEA06	15	
24.04	19:18	19:39	WEA09	21	29
	19:37	19:47	WEA06	10	
25.04	19:20	19:37	WEA09	17	17
26.04	19:22	19:35	WEA09	13	13
27.04	19:26	19:30	WEA09	4	4
05.05	20:25	20:31	WEA05	6	6
06.05	20:22	20:33	WEA05	11	11
07.05	20:20	20:34	WEA05	14	14
08.05	20:20	20:36	WEA05	16	16
09.05	20:19	20:37	WEA05	18	18
10.05	20:18	20:38	WEA05	20	20
11.05	20:18	20:40	WEA05	22	22
12.05	20:17	20:39	WEA05	22	22
13.05	20:18	20:40	WEA05	22	22
14.05	20:17	20:40	WEA05	23	23
15.05	20:17	20:40	WEA05	23	23
16.05	20:17	20:40	WEA05	23	23
17.05	20:17	20:40	WEA05	23	23
18.05	20:18	20:40	WEA05	22	22
19.05	20:18	20:39	WEA05	21	21
20.05	20:19	20:39	WEA05	20	20
21.05	20:19	20:39	WEA05	20	20
22.05	20:20	20:38	WEA05	18	18
23.05	20:20	20:37	WEA05	17	17
24.05	20:21	20:36	WEA05	15	15
25.05	20:22	20:35	WEA05	13	13
26.05	20:24	20:34	WEA05	10	10
27.05	20:26	20:33	WEA05	7	7
16.07	20:36	20:41	WEA05	5	5
17.07	20:34	20:43	WEA05	9	9
18.07	20:33	20:44	WEA05	11	11
19.07	20:31	20:45	WEA05	14	14
20.07	20:31	20:47	WEA05	16	16
21.07	20:30	20:48	WEA05	18	18
22.07	20:29	20:48	WEA05	19	19
23.07	20:29	20:49	WEA05	20	20
24.07	20:29	20:49	WEA05	20	20
25.07	20:28	20:49	WEA05	21	21
26.07	20:28	20:50	WEA05	22	22
27.07	20:28	20:50	WEA05	22	22
28.07	20:27	20:50	WEA05	23	23
29.07	20:28	20:51	WEA05	23	23
30.07	20:27	20:50	WEA05	23	23
31.07	20:28	20:50	WEA05	22	22
01.08	20:28	20:50	WEA05	22	22
02.08	20:28	20:50	WEA05	22	22
03.08	20:28	20:48	WEA05	20	20
04.08	20:30	20:47	WEA05	17	17
05.08	20:30	20:45	WEA05	15	15
06.08	20:31	20:44	WEA05	13	13
07.08	20:32	20:41	WEA05	9	9
08.08	20:35	20:40	WEA05	5	5
16.08	19:31	19:38	WEA09	7	7
17.08	19:28	19:42	WEA09	14	14
18.08	19:25	19:43	WEA09	18	21
	19:46	19:49	WEA06	3	

Bünner Ringstraße 54					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
19.08	19:23	19:45	WEA09	22	30
	19:42	19:53	WEA06	11	
20.08	19:21	19:45	WEA09	24	33
	19:39	19:54	WEA06	15	
21.08	19:20	19:46	WEA09	26	36
	19:38	19:56	WEA06	18	
22.08	19:20	19:47	WEA09	27	37
	19:37	19:57	WEA06	20	
23.08	19:18	19:47	WEA09	29	39
	19:36	19:57	WEA06	21	
24.08	19:18	19:48	WEA09	30	40
	19:35	19:58	WEA06	23	
25.08	19:17	19:47	WEA09	30	40
	19:34	19:57	WEA06	23	
26.08	18:40	18:52	WEA10	12	52
	19:17	19:47	WEA09	30	
	19:34	19:57	WEA06	23	
27.08	18:37	18:56	WEA10	19	59
	19:17	19:48	WEA09	31	
	19:34	19:57	WEA06	23	
28.08	18:33	18:57	WEA10	24	64
	19:16	19:47	WEA09	31	
	19:34	19:56	WEA06	22	
29.08	18:31	18:59	WEA10	28	68
	19:16	19:46	WEA09	30	
	19:34	19:56	WEA06	22	
30.08	18:29	19:00	WEA10	31	69
	19:16	19:45	WEA09	29	
	19:34	19:54	WEA06	20	
31.08	18:27	19:01	WEA10	34	71
	19:16	19:45	WEA09	29	
	19:35	19:53	WEA06	18	
01.09	18:26	19:02	WEA10	36	70
	19:17	19:44	WEA09	27	
	19:36	19:51	WEA06	15	
02.09	18:24	19:02	WEA10	38	69
	19:17	19:42	WEA09	25	
	19:37	19:48	WEA06	11	
03.09	18:24	19:03	WEA10	39	67
	19:18	19:41	WEA09	23	
	19:40	19:46	WEA06	6	
04.09	18:22	19:02	WEA10	40	60
	19:19	19:39	WEA09	20	
05.09	18:22	19:03	WEA10	41	57
	19:21	19:37	WEA09	16	
06.09	18:21	19:03	WEA10	42	51
	19:24	19:33	WEA09	9	
07.09	18:20	19:03	WEA10	43	43
08.09	18:20	19:03	WEA10	43	43
09.09	18:19	19:02	WEA10	43	43
10.09	18:19	19:02	WEA10	43	43
11.09	18:19	19:02	WEA10	43	43
12.09	18:18	19:00	WEA10	42	42
	18:45	18:55	WEA07	10	
13.09	18:18	19:00	WEA10	42	42
	18:42	18:58	WEA07	16	
14.09	18:18	18:58	WEA10	40	40
	18:40	18:58	WEA07	18	
15.09	18:18	18:58	WEA10	40	41
	18:38	18:59	WEA07	21	



Bünner Ringstraße 54						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
16.09	18:19	18:57	WEA10		38	41
	18:38	19:00	WEA07		22	
17.09	18:19	18:55	WEA10		36	41
	18:36	19:00	WEA07		24	
18.09	18:20	18:54	WEA10		34	40
	18:36	19:00	WEA07		24	
19.09	18:21	18:52	WEA10		31	39
	18:35	19:00	WEA07		25	
20.09	18:22	18:50	WEA10		28	37
	18:34	18:59	WEA07		25	
21.09	18:24	18:47	WEA10		23	35
	18:35	18:59	WEA07		24	
22.09	18:27	18:44	WEA10		17	31
	18:35	18:58	WEA07		23	
23.09	18:32	18:38	WEA10		6	24
	18:35	18:56	WEA07		21	
24.09	18:36	18:55	WEA07		19	19
25.09	18:37	18:54	WEA07		17	17
26.09	18:38	18:51	WEA07		13	13
27.09	18:42	18:46	WEA07		4	4
29.09	17:52	18:01	WEA08		9	9
30.09	17:47	18:03	WEA08		16	16
01.10	17:45	18:05	WEA08		20	20
02.10	17:43	18:06	WEA08		23	23
03.10	17:42	18:07	WEA08		25	25
04.10	17:40	18:07	WEA08		27	27
05.10	17:40	18:07	WEA08		27	27
06.10	17:39	18:08	WEA08		29	29
07.10	17:39	18:08	WEA08		29	29
08.10	17:38	18:08	WEA08		30	30
09.10	16:55	17:11	WEA11		16	46
	17:37	18:07	WEA08		30	
10.10	16:52	17:13	WEA11		21	51
	17:37	18:07	WEA08		30	
11.10	16:50	17:15	WEA11		25	53
	17:38	18:06	WEA08		28	
12.10	16:48	17:17	WEA11		29	56
	17:38	18:05	WEA08		27	
13.10	16:46	17:18	WEA11		32	58
	17:39	18:05	WEA08		26	
14.10	16:45	17:19	WEA11		34	57
	17:40	18:03	WEA08		23	
15.10	16:43	17:19	WEA11		36	57
	17:40	18:01	WEA08		21	
16.10	16:42	17:20	WEA11		38	55
	17:42	17:59	WEA08		17	
17.10	16:42	17:20	WEA11		38	50
	17:44	17:56	WEA08		12	
18.10	16:41	17:20	WEA11		39	39
19.10	16:41	17:21	WEA11		40	40
20.10	16:40	17:21	WEA11		41	41
21.10	16:40	17:21	WEA11		41	41
22.10	16:40	17:21	WEA11		41	41
23.10	16:40	17:20	WEA11		40	40
24.10	16:40	17:20	WEA11		40	40
25.10	15:40	16:20	WEA11		40	40
26.10	15:41	16:19	WEA11		38	38
27.10	15:41	16:19	WEA11		38	38
28.10	15:42	16:18	WEA11		36	36

Bünner Ringstraße 54						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
29.10	15:42	16:17	WEA11		35	35
30.10	15:43	16:16	WEA11		33	33
31.10	15:44	16:15	WEA11		31	31
01.11	15:46	16:14	WEA11		28	28
02.11	15:47	16:12	WEA11		25	25
03.11	15:49	16:10	WEA11		21	21
04.11	15:51	16:08	WEA11		17	17
05.11	15:55	16:04	WEA11		9	9



Badberger Straße 13						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.03	17:25	17:32	WEA11		7	7
02.03	17:20	17:35	WEA11		15	15
03.03	17:18	17:37	WEA11		19	19
04.03	17:16	17:39	WEA11		23	23
05.03	17:14	17:39	WEA11		25	25
06.03	17:13	17:40	WEA11		27	27
07.03	17:13	17:41	WEA11		28	28
08.03	17:12	17:41	WEA11		29	29
09.03	17:11	17:41	WEA11		30	30
10.03	17:11	17:42	WEA11		31	39
	17:48	17:56	WEA08		8	
11.03	17:10	17:41	WEA11		31	44
	17:44	17:57	WEA08		13	
12.03	17:11	17:41	WEA11		30	47
	17:43	18:00	WEA08		17	
13.03	17:11	17:40	WEA11		29	48
	17:42	18:01	WEA08		19	
14.03	17:11	17:39	WEA11		28	49
	17:40	18:01	WEA08		21	
15.03	17:12	17:38	WEA11		26	48
	17:40	18:02	WEA08		22	
16.03	17:12	17:36	WEA11		24	47
	17:38	18:01	WEA08		23	
17.03	17:13	17:35	WEA11		22	46
	17:38	18:02	WEA08		24	
18.03	17:15	17:34	WEA11		19	42
	17:39	18:02	WEA08		23	
19.03	17:17	17:30	WEA11		13	35
	17:38	18:00	WEA08		22	
20.03	17:39	18:00	WEA08		21	21
21.03	17:39	17:58	WEA08		19	19
22.03	17:40	17:57	WEA08		17	17
23.03	17:43	17:55	WEA08		12	12
24.03	17:46	17:50	WEA08		4	4
31.03	19:20	19:27	WEA10		7	7
01.04	19:15	19:30	WEA10		15	15
02.04	19:13	19:32	WEA10		19	19
03.04	19:11	19:34	WEA10		23	23
04.04	19:09	19:34	WEA10		25	25
05.04	19:08	19:35	WEA10		27	27
06.04	19:07	19:36	WEA10		29	29
07.04	19:06	19:35	WEA10		29	29
08.04	19:06	19:35	WEA10		29	29
09.04	19:06	19:35	WEA10		29	29
10.04	19:06	19:35	WEA10		29	34
	19:45	19:50	WEA09		5	
11.04	19:05	19:34	WEA10		29	40
	19:40	19:51	WEA09		11	
12.04	19:05	19:34	WEA10		29	44
	19:38	19:53	WEA09		15	
13.04	19:05	19:33	WEA10		28	46
	19:37	19:55	WEA09		18	
14.04	19:06	19:33	WEA10		27	48
	19:36	19:57	WEA09		21	
15.04	19:07	19:32	WEA10		25	47
	19:35	19:57	WEA09		22	
16.04	19:07	19:30	WEA10		23	46
	19:34	19:57	WEA09		23	
17.04	19:08	19:28	WEA10		20	43
	19:34	19:57	WEA09		23	

Badberger Straße 13						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
18.04	19:10	19:27	WEA10		17	40
	19:34	19:57	WEA09		23	
19.04	19:12	19:24	WEA10		12	34
	19:34	19:56	WEA09		22	
20.04	19:34	19:56	WEA09		22	22
21.04	19:34	19:55	WEA09		21	21
22.04	19:35	19:55	WEA09		20	20
23.04	19:36	19:53	WEA09		17	17
24.04	19:37	19:52	WEA09		15	15
25.04	19:39	19:50	WEA09		11	11
26.04	19:43	19:45	WEA09		2	2
17.08	19:48	19:54	WEA09		6	6
18.08	19:44	19:56	WEA09		12	12
19.08	19:42	19:58	WEA09		16	16
20.08	19:40	19:58	WEA09		18	18
21.08	19:39	19:59	WEA09		20	20
22.08	19:39	20:00	WEA09		21	21
23.08	19:38	20:00	WEA09		22	22
24.08	19:16	19:28	WEA10		12	35
	19:37	20:00	WEA09		23	
25.08	19:12	19:30	WEA10		18	41
	19:36	19:59	WEA09		23	
26.08	19:11	19:31	WEA10		20	44
	19:36	20:00	WEA09		24	
27.08	19:09	19:33	WEA10		24	46
	19:37	19:59	WEA09		22	
28.08	19:07	19:33	WEA10		26	48
	19:36	19:58	WEA09		22	
29.08	19:07	19:34	WEA10		27	48
	19:37	19:58	WEA09		21	
30.08	19:05	19:33	WEA10		28	46
	19:37	19:55	WEA09		18	
31.08	19:05	19:34	WEA10		29	44
	19:38	19:53	WEA09		15	
01.09	19:04	19:33	WEA10		29	40
	19:39	19:50	WEA09		11	
02.09	19:03	19:33	WEA10		30	35
	19:43	19:48	WEA09		5	
03.09	19:03	19:33	WEA10		30	30
04.09	19:03	19:32	WEA10		29	29
05.09	19:03	19:32	WEA10		29	29
06.09	19:04	19:32	WEA10		28	28
07.09	19:03	19:30	WEA10		27	27
08.09	19:04	19:29	WEA10		25	25
09.09	19:04	19:27	WEA10		23	23
10.09	19:06	19:26	WEA10		20	20
11.09	19:08	19:23	WEA10		15	15
12.09	19:10	19:19	WEA10		9	9
20.09	18:29	18:40	WEA08		11	11
21.09	18:26	18:42	WEA08		16	16
22.09	18:25	18:43	WEA08		18	18
23.09	18:23	18:43	WEA08		20	20
24.09	18:02	18:13	WEA11		11	33
	18:22	18:44	WEA08		22	
25.09	17:59	18:16	WEA11		17	40
	18:21	18:44	WEA08		23	
26.09	17:56	18:16	WEA11		20	43
	18:20	18:43	WEA08		23	
27.09	17:54	18:18	WEA11		24	47
	18:20	18:43	WEA08		23	





Badberger Straße 13						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
28.09	17:53	18:19	WEA11		26	49
	18:20	18:43	WEA08		23	
29.09	17:52	18:20	WEA11		28	49
	18:21	18:42	WEA08		21	
30.09	17:50	18:19	WEA11		29	50
	18:20	18:41	WEA08		21	
01.10	17:50	18:19	WEA11		29	47
	18:21	18:39	WEA08		18	
02.10	17:49	18:20	WEA11		31	46
	18:22	18:37	WEA08		15	
03.10	17:49	18:20	WEA11		31	41
	18:25	18:35	WEA08		10	
04.10	17:48	18:18	WEA11		30	30
05.10	17:48	18:18	WEA11		30	30
06.10	17:49	18:18	WEA11		29	29
07.10	17:49	18:17	WEA11		28	28
08.10	17:50	18:16	WEA11		26	26
09.10	17:50	18:14	WEA11		24	24
10.10	17:51	18:12	WEA11		21	21
11.10	17:53	18:11	WEA11		18	18
12.10	17:55	18:08	WEA11		13	13

Badberger Straße 19					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
08.04	19:30	19:33	WEA11	3	14
	19:34	19:45	WEA08	11	
09.04	19:24	19:39	WEA11	15	24
	19:32	19:48	WEA08	16	
10.04	19:22	19:42	WEA11	20	27
	19:30	19:49	WEA08	19	
11.04	19:19	19:42	WEA11	23	30
	19:28	19:49	WEA08	21	
12.04	19:17	19:44	WEA11	27	33
	19:27	19:50	WEA08	23	
13.04	19:16	19:45	WEA11	29	35
	19:27	19:51	WEA08	24	
14.04	19:15	19:46	WEA11	31	36
	19:26	19:51	WEA08	25	
15.04	19:14	19:46	WEA11	32	37
	19:26	19:51	WEA08	25	
16.04	19:12	19:46	WEA11	34	38
	19:25	19:50	WEA08	25	
17.04	19:12	19:46	WEA11	34	38
	19:25	19:50	WEA08	25	
18.04	19:12	19:47	WEA11	35	38
	19:25	19:50	WEA08	25	
19.04	19:11	19:47	WEA11	36	38
	19:25	19:49	WEA08	24	
20.04	19:11	19:47	WEA11	36	37
	19:26	19:48	WEA08	22	
21.04	19:11	19:46	WEA11	35	36
	19:27	19:47	WEA08	20	
22.04	19:11	19:46	WEA11	35	35
	19:28	19:46	WEA08	18	
23.04	19:11	19:46	WEA11	35	35
	19:29	19:44	WEA08	15	
24.04	19:12	19:45	WEA11	33	33
	19:31	19:42	WEA08	11	
25.04	19:12	19:45	WEA11	33	33
26.04	19:12	19:44	WEA11	32	32
27.04	19:13	19:43	WEA11	30	30
28.04	19:14	19:42	WEA11	28	28
29.04	19:15	19:41	WEA11	26	26
30.04	19:16	19:39	WEA11	23	23
01.05	19:17	19:37	WEA11	20	20
02.05	19:19	19:35	WEA11	16	16
03.05	19:22	19:32	WEA11	10	10
12.05	20:28	20:35	WEA10	7	7
	20:26	20:38	WEA10	12	
13.05	20:37	20:44	WEA09	7	18
	20:23	20:40	WEA10	17	
14.05	20:34	20:45	WEA09	11	22
	20:22	20:42	WEA10	20	
15.05	20:33	20:47	WEA09	14	25
	20:20	20:42	WEA10	22	
16.05	20:32	20:47	WEA09	15	27
	20:20	20:44	WEA10	24	
17.05	20:31	20:49	WEA09	18	29
	20:20	20:45	WEA10	25	
18.05	20:31	20:51	WEA09	20	31
	20:18	20:45	WEA10	27	
19.05	20:30	20:51	WEA09	21	33
	20:18	20:46	WEA10	28	
20.05	20:30	20:52	WEA09	22	34

Badberger Straße 19					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
21.05	20:18	20:47	WEA10	29	35
	20:30	20:53	WEA09	23	
22.05	20:18	20:47	WEA10	29	35
	20:30	20:53	WEA09	23	
23.05	20:17	20:47	WEA10	30	35
	20:29	20:52	WEA09	23	
24.05	20:17	20:47	WEA10	30	36
	20:29	20:53	WEA09	24	
25.05	20:17	20:48	WEA10	31	36
	20:29	20:53	WEA09	24	
26.05	20:17	20:48	WEA10	31	36
	20:29	20:53	WEA09	24	
27.05	20:17	20:48	WEA10	31	36
	20:30	20:53	WEA09	23	
28.05	20:17	20:48	WEA10	31	36
	20:30	20:53	WEA09	23	
29.05	20:17	20:48	WEA10	31	36
	20:30	20:53	WEA09	23	
30.05	20:18	20:49	WEA10	31	36
	20:31	20:54	WEA09	23	
31.05	20:18	20:49	WEA10	31	36
	20:31	20:54	WEA09	23	
01.06	20:18	20:49	WEA10	31	35
	20:32	20:53	WEA09	21	
02.06	20:17	20:49	WEA10	32	36
	20:32	20:53	WEA09	21	
03.06	20:18	20:50	WEA10	32	35
	20:33	20:53	WEA09	20	
04.06	20:18	20:50	WEA10	32	35
	20:33	20:53	WEA09	20	
05.06	20:18	20:49	WEA10	31	34
	20:33	20:52	WEA09	19	
06.06	20:19	20:50	WEA10	31	34
	20:34	20:53	WEA09	19	
07.06	20:19	20:49	WEA10	30	33
	20:34	20:52	WEA09	18	
08.06	20:20	20:50	WEA10	30	32
	20:35	20:52	WEA09	17	
09.06	20:19	20:49	WEA10	30	33
	20:35	20:52	WEA09	17	
10.06	20:20	20:50	WEA10	30	32
	20:36	20:52	WEA09	16	
11.06	20:21	20:50	WEA10	29	31
	20:37	20:52	WEA09	15	
12.06	20:21	20:51	WEA10	30	31
	20:38	20:52	WEA09	14	
13.06	20:21	20:50	WEA10	29	30
	20:37	20:51	WEA09	14	
14.06	20:21	20:50	WEA10	29	30
	20:38	20:51	WEA09	13	
15.06	20:21	20:50	WEA10	29	30
	20:39	20:51	WEA09	12	
16.06	20:22	20:51	WEA10	29	29
	20:39	20:51	WEA09	12	
17.06	20:22	20:51	WEA10	29	29
	20:40	20:51	WEA09	11	
18.06	20:22	20:51	WEA10	29	29
	20:40	20:51	WEA09	11	
19.06	20:23	20:51	WEA10	28	28
	20:41	20:51	WEA09	10	



Badberger Straße 19					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
20.06	20:23	20:51	WEA10	28	28
	20:41	20:51	WEA09	10	
21.06	20:24	20:52	WEA10	28	28
	20:42	20:52	WEA09	10	
22.06	20:24	20:52	WEA10	28	28
	20:42	20:52	WEA09	10	
23.06	20:24	20:52	WEA10	28	28
	20:42	20:52	WEA09	10	
24.06	20:23	20:52	WEA10	29	29
	20:41	20:52	WEA09	11	
25.06	20:24	20:53	WEA10	29	29
	20:42	20:53	WEA09	11	
26.06	20:24	20:53	WEA10	29	29
	20:42	20:53	WEA09	11	
27.06	20:25	20:53	WEA10	28	29
	20:42	20:54	WEA09	12	
28.06	20:24	20:53	WEA10	29	30
	20:41	20:54	WEA09	13	
29.06	20:25	20:54	WEA10	29	30
	20:42	20:55	WEA09	13	
30.06	20:24	20:54	WEA10	30	31
	20:41	20:55	WEA09	14	
01.07	20:25	20:54	WEA10	29	31
	20:41	20:56	WEA09	15	
02.07	20:25	20:55	WEA10	30	32
	20:41	20:57	WEA09	16	
03.07	20:24	20:55	WEA10	31	33
	20:40	20:57	WEA09	17	
04.07	20:25	20:55	WEA10	30	32
	20:41	20:57	WEA09	16	
05.07	20:25	20:56	WEA10	31	33
	20:41	20:58	WEA09	17	
06.07	20:25	20:56	WEA10	31	34
	20:41	20:59	WEA09	18	
07.07	20:25	20:56	WEA10	31	35
	20:40	21:00	WEA09	20	
08.07	20:25	20:56	WEA10	31	34
	20:39	20:59	WEA09	20	
09.07	20:25	20:56	WEA10	31	35
	20:39	21:00	WEA09	21	
10.07	20:25	20:56	WEA10	31	35
	20:39	21:00	WEA09	21	
11.07	20:25	20:57	WEA10	32	36
	20:39	21:01	WEA09	22	
12.07	20:25	20:57	WEA10	32	36
	20:39	21:01	WEA09	22	
13.07	20:25	20:57	WEA10	32	36
	20:39	21:01	WEA09	22	
14.07	20:26	20:58	WEA10	32	36
	20:40	21:02	WEA09	22	
15.07	20:26	20:58	WEA10	32	37
	20:39	21:03	WEA09	24	
16.07	20:26	20:58	WEA10	32	37
	20:39	21:03	WEA09	24	
17.07	20:26	20:57	WEA10	31	37
	20:39	21:03	WEA09	24	
18.07	20:26	20:57	WEA10	31	37
	20:39	21:03	WEA09	24	
19.07	20:26	20:57	WEA10	31	36
	20:39	21:02	WEA09	23	

Badberger Straße 19					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
20.07	20:27	20:57	WEA10	30	36
	20:40	21:03	WEA09	23	
21.07	20:27	20:57	WEA10	30	36
	20:39	21:03	WEA09	24	
22.07	20:27	20:56	WEA10	29	35
	20:39	21:02	WEA09	23	
23.07	20:28	20:57	WEA10	29	35
	20:40	21:03	WEA09	23	
24.07	20:29	20:56	WEA10	27	33
	20:40	21:02	WEA09	22	
25.07	20:29	20:55	WEA10	26	32
	20:41	21:01	WEA09	20	
26.07	20:30	20:55	WEA10	25	31
	20:42	21:01	WEA09	19	
27.07	20:31	20:54	WEA10	23	28
	20:42	20:59	WEA09	17	
28.07	20:31	20:52	WEA10	21	26
	20:42	20:57	WEA09	15	
29.07	20:33	20:52	WEA10	19	23
	20:44	20:56	WEA09	12	
30.07	20:34	20:50	WEA10	16	20
	20:45	20:54	WEA09	9	
31.07	20:37	20:48	WEA10	11	16
	20:48	20:53	WEA09	5	
10.08	19:30	19:42	WEA11	12	12
11.08	19:27	19:44	WEA11	17	17
12.08	19:25	19:46	WEA11	21	21
13.08	19:23	19:47	WEA11	24	24
14.08	19:22	19:48	WEA11	26	26
15.08	19:21	19:50	WEA11	29	29
16.08	19:19	19:50	WEA11	31	31
17.08	19:19	19:51	WEA11	32	32
18.08	19:17	19:50	WEA11	33	33
	19:40	19:44	WEA08	4	
19.08	19:17	19:51	WEA11	34	34
	19:36	19:48	WEA08	12	
20.08	19:16	19:50	WEA11	34	34
	19:33	19:49	WEA08	16	
21.08	19:16	19:51	WEA11	35	35
	19:32	19:51	WEA08	19	
22.08	19:16	19:51	WEA11	35	36
	19:31	19:52	WEA08	21	
23.08	19:15	19:50	WEA11	35	37
	19:30	19:52	WEA08	22	
24.08	19:15	19:50	WEA11	35	38
	19:29	19:53	WEA08	24	
25.08	19:14	19:49	WEA11	35	38
	19:28	19:52	WEA08	24	
26.08	19:15	19:49	WEA11	34	38
	19:28	19:53	WEA08	25	
27.08	19:15	19:49	WEA11	34	38
	19:28	19:53	WEA08	25	
28.08	19:15	19:47	WEA11	32	37
	19:27	19:52	WEA08	25	
29.08	19:16	19:47	WEA11	31	36
	19:27	19:52	WEA08	25	
30.08	19:16	19:45	WEA11	29	35
	19:26	19:51	WEA08	25	
31.08	19:17	19:44	WEA11	27	33
	19:27	19:50	WEA08	23	



Badberger Straße 19						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.09	19:19	19:42	WEA11		23	30
	19:28	19:49	WEA08		21	
02.09	19:20	19:39	WEA11		19	27
	19:28	19:47	WEA08		19	
03.09	19:22	19:37	WEA11		15	24
	19:30	19:46	WEA08		16	
04.09	19:27	19:30	WEA11		3	14
	19:31	19:42	WEA08		11	

Bünner Wohld 21A						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
30.04	20:15	20:21	WEA08		6	6
01.05	20:12	20:24	WEA08		12	12
02.05	20:10	20:26	WEA08		16	16
03.05	20:08	20:27	WEA08		19	19
04.05	20:08	20:28	WEA08		20	20
05.05	20:06	20:29	WEA08		23	23
06.05	20:06	20:29	WEA08		23	23
07.05	20:05	20:29	WEA08		24	24
08.05	20:05	20:30	WEA08		25	25
09.05	20:04	20:30	WEA08		26	26
10.05	20:04	20:30	WEA08		26	26
11.05	20:04	20:30	WEA08		26	26
12.05	20:04	20:30	WEA08		26	
	20:20	20:32	WEA11		12	28
13.05	20:05	20:30	WEA08		25	
	20:18	20:35	WEA11		17	30
14.05	20:04	20:29	WEA08		25	
	20:16	20:36	WEA11		20	32
15.05	20:05	20:30	WEA08		25	
	20:15	20:38	WEA11		23	33
16.05	20:05	20:29	WEA08		24	
	20:13	20:38	WEA11		25	33
17.05	20:06	20:29	WEA08		23	
	20:13	20:40	WEA11		27	34
18.05	20:07	20:28	WEA08		21	
	20:12	20:41	WEA11		29	34
19.05	20:07	20:27	WEA08		20	
	20:11	20:41	WEA11		30	34
20.05	20:08	20:26	WEA08		18	
	20:11	20:42	WEA11		31	34
21.05	20:10	20:26	WEA08		16	
	20:10	20:43	WEA11		33	33
22.05	20:10	20:43	WEA11		33	
	20:11	20:25	WEA08		14	33
23.05	20:09	20:43	WEA11		34	
	20:12	20:23	WEA08		11	34
24.05	20:09	20:43	WEA11		34	
	20:14	20:20	WEA08		6	34
25.05	20:09	20:44	WEA11		35	35
26.05	20:09	20:44	WEA11		35	35
27.05	20:09	20:44	WEA11		35	35
28.05	20:09	20:45	WEA11		36	36
29.05	20:09	20:45	WEA11		36	36
30.05	20:10	20:46	WEA11		36	36
31.05	20:10	20:46	WEA11		36	36
01.06	20:09	20:46	WEA11		37	37
02.06	20:09	20:46	WEA11		37	37
03.06	20:10	20:47	WEA11		37	37
04.06	20:10	20:46	WEA11		36	36
05.06	20:10	20:46	WEA11		36	36
06.06	20:11	20:47	WEA11		36	36
07.06	20:10	20:46	WEA11		36	36
08.06	20:11	20:47	WEA11		36	36
09.06	20:12	20:47	WEA11		35	35
10.06	20:11	20:47	WEA11		36	36
11.06	20:12	20:47	WEA11		35	35
12.06	20:12	20:48	WEA11		36	36
13.06	20:12	20:47	WEA11		35	35
14.06	20:12	20:47	WEA11		35	35

Bünner Wohld 21A						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
15.06	20:13	20:48	WEA11		35	35
16.06	20:13	20:48	WEA11		35	35
17.06	20:13	20:48	WEA11		35	35
18.06	20:14	20:48	WEA11		34	34
19.06	20:14	20:48	WEA11		34	34
20.06	20:14	20:48	WEA11		34	34
21.06	20:15	20:49	WEA11		34	34
22.06	20:15	20:49	WEA11		34	34
23.06	20:15	20:49	WEA11		34	34
24.06	20:15	20:49	WEA11		34	34
25.06	20:15	20:50	WEA11		35	35
26.06	20:15	20:50	WEA11		35	35
27.06	20:16	20:51	WEA11		35	35
28.06	20:16	20:50	WEA11		34	34
29.06	20:16	20:51	WEA11		35	35
30.06	20:16	20:51	WEA11		35	35
01.07	20:16	20:51	WEA11		35	35
02.07	20:17	20:52	WEA11		35	35
03.07	20:16	20:52	WEA11		36	36
04.07	20:16	20:52	WEA11		36	36
05.07	20:17	20:53	WEA11		36	36
06.07	20:17	20:53	WEA11		36	36
07.07	20:17	20:53	WEA11		36	36
08.07	20:16	20:53	WEA11		37	37
09.07	20:17	20:53	WEA11		36	36
10.07	20:17	20:53	WEA11		36	36
11.07	20:17	20:53	WEA11		36	36
12.07	20:17	20:53	WEA11		36	36
13.07	20:18	20:54	WEA11		36	36
14.07	20:18	20:54	WEA11		36	36
15.07	20:18	20:54	WEA11		36	36
16.07	20:18	20:54	WEA11		36	36
17.07	20:18	20:54	WEA11		36	36
18.07	20:18	20:53	WEA11		35	35
19.07	20:19	20:54	WEA11		35	35
20.07	20:20	20:54	WEA11		34	
	20:23	20:32	WEA08		9	34
21.07	20:20	20:53	WEA11		33	
	20:21	20:34	WEA08		13	33
22.07	20:20	20:35	WEA08		15	
	20:20	20:52	WEA11		32	32
23.07	20:19	20:37	WEA08		18	
	20:21	20:53	WEA11		32	34
24.07	20:18	20:37	WEA08		19	
	20:21	20:52	WEA11		31	34
25.07	20:17	20:38	WEA08		21	
	20:22	20:51	WEA11		29	34
26.07	20:17	20:39	WEA08		22	
	20:23	20:51	WEA11		28	34
27.07	20:16	20:39	WEA08		23	
	20:23	20:50	WEA11		27	34
28.07	20:16	20:40	WEA08		24	
	20:25	20:49	WEA11		24	33
29.07	20:15	20:40	WEA08		25	
	20:26	20:48	WEA11		22	33
30.07	20:15	20:40	WEA08		25	
	20:27	20:46	WEA11		19	31
31.07	20:15	20:41	WEA08		26	
	20:29	20:44	WEA11		15	29



Bünner Wohld 21A						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.08	20:14	20:40	WEA08		26	26
	20:32	20:40	WEA11		8	
02.08	20:15	20:41	WEA08		26	26
03.08	20:14	20:40	WEA08		26	26
04.08	20:15	20:40	WEA08		25	25
05.08	20:15	20:40	WEA08		25	25
06.08	20:15	20:40	WEA08		25	25
07.08	20:15	20:38	WEA08		23	23
08.08	20:16	20:38	WEA08		22	22
09.08	20:16	20:37	WEA08		21	21
10.08	20:18	20:36	WEA08		18	18
11.08	20:19	20:34	WEA08		15	15
12.08	20:21	20:32	WEA08		11	11

Bünner Wohld 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
05.05	20:20	20:22	WEA08		2	2
06.05	20:15	20:27	WEA08		12	12
07.05	20:12	20:29	WEA08		17	17
08.05	20:11	20:31	WEA08		20	20
09.05	20:09	20:32	WEA08		23	23
10.05	20:08	20:32	WEA08		24	24
11.05	20:08	20:34	WEA08		26	26
12.05	20:06	20:34	WEA08		28	28
13.05	20:06	20:35	WEA08		29	
	20:37	20:44	WEA07		7	36
14.05	20:05	20:35	WEA08		30	
	20:34	20:45	WEA07		11	40
15.05	20:06	20:36	WEA08		30	
	20:33	20:47	WEA07		14	41
16.05	20:05	20:36	WEA08		31	
	20:31	20:47	WEA07		16	42
17.05	20:05	20:36	WEA08		31	
	20:31	20:49	WEA07		18	44
18.05	20:05	20:37	WEA08		32	
	20:31	20:51	WEA07		20	46
19.05	20:04	20:36	WEA08		32	
	20:30	20:51	WEA07		21	47
20.05	20:05	20:37	WEA08		32	
	20:29	20:52	WEA07		23	47
21.05	20:05	20:37	WEA08		32	
	20:29	20:52	WEA07		23	47
22.05	20:05	20:37	WEA08		32	
	20:29	20:53	WEA07		24	48
23.05	20:05	20:36	WEA08		31	
	20:28	20:52	WEA07		24	47
24.05	20:05	20:36	WEA08		31	
	20:29	20:53	WEA07		24	48
25.05	20:05	20:36	WEA08		31	
	20:29	20:53	WEA07		24	48
26.05	20:06	20:36	WEA08		30	
	20:29	20:53	WEA07		24	47
27.05	20:06	20:36	WEA08		30	
	20:29	20:53	WEA07		24	
	20:30	20:40	WEA11		10	47
28.05	20:07	20:36	WEA08		29	
	20:27	20:42	WEA11		15	
	20:29	20:53	WEA07		24	46
29.05	20:07	20:36	WEA08		29	
	20:26	20:44	WEA11		18	
	20:29	20:53	WEA07		24	46
30.05	20:08	20:36	WEA08		28	
	20:25	20:47	WEA11		22	
	20:30	20:54	WEA07		24	46
31.05	20:09	20:36	WEA08		27	
	20:24	20:48	WEA11		24	
	20:31	20:54	WEA07		23	45
01.06	20:09	20:35	WEA08		26	
	20:23	20:49	WEA11		26	
	20:31	20:53	WEA07		22	44
02.06	20:09	20:35	WEA08		26	
	20:22	20:50	WEA11		28	
	20:31	20:53	WEA07		22	44
03.06	20:10	20:35	WEA08		25	
	20:22	20:51	WEA11		29	
	20:32	20:54	WEA07		22	44

Bünner Wohld 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
04.06	20:11	20:35	WEA08		24	
	20:21	20:52	WEA11		31	
	20:32	20:53	WEA07		21	42
05.06	20:11	20:34	WEA08		23	
	20:20	20:52	WEA11		32	
	20:32	20:53	WEA07		21	42
06.06	20:12	20:34	WEA08		22	
	20:20	20:53	WEA11		33	
	20:33	20:53	WEA07		20	41
07.06	20:12	20:33	WEA08		21	
	20:19	20:53	WEA11		34	
	20:33	20:53	WEA07		20	41
08.06	20:13	20:34	WEA08		21	
	20:20	20:54	WEA11		34	
	20:34	20:53	WEA07		19	41
09.06	20:14	20:34	WEA08		20	
	20:20	20:55	WEA11		35	
	20:35	20:53	WEA07		18	41
10.06	20:14	20:33	WEA08		19	
	20:19	20:55	WEA11		36	
	20:35	20:52	WEA07		17	41
11.06	20:15	20:33	WEA08		18	
	20:19	20:56	WEA11		37	
	20:35	20:53	WEA07		18	41
12.06	20:16	20:33	WEA08		17	
	20:20	20:57	WEA11		37	
	20:36	20:53	WEA07		17	41
13.06	20:16	20:32	WEA08		16	
	20:19	20:56	WEA11		37	
	20:36	20:52	WEA07		16	40
14.06	20:17	20:32	WEA08		15	
	20:19	20:57	WEA11		38	
	20:37	20:52	WEA07		15	40
15.06	20:18	20:32	WEA08		14	
	20:19	20:57	WEA11		38	
	20:37	20:52	WEA07		15	39
16.06	20:18	20:32	WEA08		14	
	20:19	20:58	WEA11		39	
	20:38	20:52	WEA07		14	40
17.06	20:19	20:32	WEA08		13	
	20:19	20:58	WEA11		39	
	20:38	20:52	WEA07		14	39
18.06	20:19	20:32	WEA08		13	
	20:19	20:58	WEA11		39	
	20:38	20:52	WEA07		14	39
19.06	20:19	20:59	WEA11		40	
	20:20	20:31	WEA08		11	
	20:39	20:52	WEA07		13	40
20.06	20:20	20:31	WEA08		11	
	20:20	20:59	WEA11		39	
	20:39	20:52	WEA07		13	39
21.06	20:21	20:32	WEA08		11	
	20:21	21:00	WEA11		39	
	20:40	20:53	WEA07		13	39
22.06	20:21	20:32	WEA08		11	
	20:21	21:00	WEA11		39	
	20:40	20:53	WEA07		13	39
23.06	20:20	21:00	WEA11		40	
	20:21	20:32	WEA08		11	
	20:40	20:53	WEA07		13	40



Bünner Wohld 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
24.06	20:20	20:33	WEA08		13	40
	20:20	21:00	WEA11		40	
	20:40	20:53	WEA07		13	
25.06	20:21	20:34	WEA08		13	39
	20:21	21:00	WEA11		39	
	20:40	20:54	WEA07		14	
26.06	20:20	20:34	WEA08		14	40
	20:21	21:00	WEA11		39	
	20:40	20:54	WEA07		14	
27.06	20:21	20:35	WEA08		14	40
	20:22	21:01	WEA11		39	
	20:40	20:55	WEA07		15	
28.06	20:20	20:35	WEA08		15	40
	20:22	21:00	WEA11		38	
	20:40	20:55	WEA07		15	
29.06	20:20	20:36	WEA08		16	41
	20:23	21:01	WEA11		38	
	20:40	20:56	WEA07		16	
30.06	20:20	20:36	WEA08		16	40
	20:23	21:00	WEA11		37	
	20:40	20:56	WEA07		16	
01.07	20:20	20:37	WEA08		17	40
	20:23	21:00	WEA11		37	
	20:40	20:57	WEA07		17	
02.07	20:20	20:38	WEA08		18	41
	20:24	21:01	WEA11		37	
	20:40	20:57	WEA07		17	
03.07	20:19	20:38	WEA08		19	41
	20:24	21:00	WEA11		36	
	20:39	20:57	WEA07		18	
04.07	20:19	20:39	WEA08		20	41
	20:25	21:00	WEA11		35	
	20:39	20:58	WEA07		19	
05.07	20:19	20:40	WEA08		21	41
	20:26	21:00	WEA11		34	
	20:39	20:59	WEA07		20	
06.07	20:19	20:40	WEA08		21	41
	20:26	21:00	WEA11		34	
	20:39	20:59	WEA07		20	
07.07	20:18	20:41	WEA08		23	42
	20:27	21:00	WEA11		33	
	20:39	21:00	WEA07		21	
08.07	20:18	20:42	WEA08		24	42
	20:28	20:59	WEA11		31	
	20:39	21:00	WEA07		21	
09.07	20:17	20:41	WEA08		24	43
	20:28	20:58	WEA11		30	
	20:38	21:00	WEA07		22	
10.07	20:17	20:42	WEA08		25	43
	20:29	20:57	WEA11		28	
	20:38	21:00	WEA07		22	
11.07	20:16	20:43	WEA08		27	45
	20:30	20:57	WEA11		27	
	20:38	21:01	WEA07		23	
12.07	20:16	20:43	WEA08		27	45
	20:31	20:56	WEA11		25	
	20:38	21:01	WEA07		23	
13.07	20:17	20:44	WEA08		27	45
	20:33	20:56	WEA11		23	
	20:39	21:02	WEA07		23	

Bünner Wohld 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
14.07	20:17	20:45	WEA08		28	45
	20:34	20:54	WEA11		20	
	20:39	21:02	WEA07		23	
15.07	20:16	20:45	WEA08		29	47
	20:36	20:53	WEA11		17	
	20:39	21:03	WEA07		24	
16.07	20:16	20:45	WEA08		29	47
	20:38	21:03	WEA07		25	
	20:38	20:51	WEA11		13	
17.07	20:15	20:46	WEA08		31	48
	20:38	21:03	WEA07		25	
	20:42	20:46	WEA11		4	
18.07	20:15	20:46	WEA08		31	47
	20:38	21:02	WEA07		24	
19.07	20:16	20:47	WEA08		31	47
	20:39	21:03	WEA07		24	
20.07	20:15	20:47	WEA08		32	48
	20:39	21:03	WEA07		24	
21.07	20:15	20:47	WEA08		32	48
	20:39	21:03	WEA07		24	
22.07	20:15	20:46	WEA08		31	47
	20:39	21:02	WEA07		23	
23.07	20:15	20:47	WEA08		32	48
	20:40	21:03	WEA07		23	
24.07	20:15	20:47	WEA08		32	47
	20:40	21:02	WEA07		22	
25.07	20:15	20:46	WEA08		31	46
	20:40	21:01	WEA07		21	
26.07	20:16	20:47	WEA08		31	45
	20:41	21:01	WEA07		20	
27.07	20:15	20:46	WEA08		31	44
	20:42	20:59	WEA07		17	
28.07	20:16	20:47	WEA08		31	42
	20:43	20:58	WEA07		15	
29.07	20:16	20:46	WEA08		30	40
	20:44	20:56	WEA07		12	
30.07	20:16	20:45	WEA08		29	38
	20:45	20:54	WEA07		9	
31.07	20:17	20:45	WEA08		28	32
	20:49	20:53	WEA07		4	
01.08	20:17	20:44	WEA08		27	27
02.08	20:18	20:44	WEA08		26	26
03.08	20:19	20:42	WEA08		23	23
04.08	20:20	20:42	WEA08		22	22
05.08	20:21	20:40	WEA08		19	19
06.08	20:23	20:38	WEA08		15	15
07.08	20:25	20:35	WEA08		10	10





Bünner Wohld 28						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
18.05	20:34	20:42	WEA08		8	8
19.05	20:31	20:44	WEA08		13	13
20.05	20:29	20:46	WEA08		17	17
21.05	20:28	20:48	WEA08		20	20
22.05	20:27	20:49	WEA08		22	22
23.05	20:27	20:51	WEA08		24	24
24.05	20:25	20:51	WEA08		26	33
	20:50	20:58	WEA07		8	
25.05	20:25	20:51	WEA08		26	35
	20:49	21:00	WEA07		11	
26.05	20:24	20:52	WEA08		28	37
	20:48	21:01	WEA07		13	
27.05	20:24	20:53	WEA08		29	38
	20:47	21:02	WEA07		15	
28.05	20:24	20:53	WEA08		29	39
	20:46	21:03	WEA07		17	
29.05	20:23	20:54	WEA08		31	41
	20:45	21:04	WEA07		19	
30.05	20:24	20:55	WEA08		31	42
	20:46	21:06	WEA07		20	
31.05	20:24	20:55	WEA08		31	43
	20:45	21:07	WEA07		22	
01.06	20:23	20:55	WEA08		32	44
	20:45	21:07	WEA07		22	
02.06	20:23	20:55	WEA08		32	44
	20:45	21:07	WEA07		22	
03.06	20:24	20:56	WEA08		32	44
	20:45	21:08	WEA07		23	
04.06	20:23	20:56	WEA08		33	45
	20:45	21:08	WEA07		23	
05.06	20:23	20:56	WEA08		33	45
	20:44	21:08	WEA07		24	
06.06	20:24	20:57	WEA08		33	45
	20:45	21:09	WEA07		24	
07.06	20:23	20:57	WEA08		34	46
	20:44	21:09	WEA07		25	
08.06	20:24	20:57	WEA08		33	46
	20:45	21:10	WEA07		25	
09.06	20:24	20:58	WEA08		34	46
	20:45	21:10	WEA07		25	
10.06	20:24	20:58	WEA08		34	46
	20:45	21:10	WEA07		25	
11.06	20:24	20:58	WEA08		34	46
	20:45	21:10	WEA07		25	
12.06	20:25	20:59	WEA08		34	46
	20:46	21:11	WEA07		25	
13.06	20:24	20:58	WEA08		34	46
	20:45	21:10	WEA07		25	
14.06	20:25	20:58	WEA08		33	46
	20:45	21:11	WEA07		26	
15.06	20:25	20:59	WEA08		34	46
	20:46	21:11	WEA07		25	
16.06	20:25	20:59	WEA08		34	46
	20:46	21:11	WEA07		25	
17.06	20:25	20:59	WEA08		34	47
	20:46	21:12	WEA07		26	
18.06	20:25	20:59	WEA08		34	47
	20:46	21:12	WEA07		26	
19.06	20:26	21:00	WEA08		34	46
	20:47	21:12	WEA07		25	

Bünner Wohld 28						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
20.06	20:26	21:00	WEA08		34	46
	20:47	21:12	WEA07		25	
21.06	20:27	21:01	WEA08		34	46
	20:48	21:13	WEA07		25	
22.06	20:27	21:01	WEA08		34	46
	20:48	21:13	WEA07		25	
23.06	20:27	21:01	WEA08		34	46
	20:48	21:13	WEA07		25	
24.06	20:27	21:01	WEA08		34	46
	20:47	21:13	WEA07		26	
25.06	20:27	21:01	WEA08		34	47
	20:48	21:14	WEA07		26	
26.06	20:27	21:01	WEA08		34	46
	20:48	21:13	WEA07		25	
27.06	20:28	21:02	WEA08		34	46
	20:49	21:14	WEA07		25	
28.06	20:28	21:02	WEA08		34	46
	20:49	21:14	WEA07		25	
29.06	20:28	21:02	WEA08		34	46
	20:49	21:14	WEA07		25	
30.06	20:28	21:02	WEA08		34	46
	20:49	21:14	WEA07		25	
01.07	20:29	21:02	WEA08		33	46
	20:49	21:15	WEA07		26	
02.07	20:29	21:03	WEA08		34	46
	20:50	21:15	WEA07		25	
03.07	20:29	21:02	WEA08		33	45
	20:50	21:14	WEA07		24	
04.07	20:29	21:03	WEA08		34	46
	20:50	21:15	WEA07		25	
05.07	20:29	21:03	WEA08		34	46
	20:51	21:15	WEA07		24	
06.07	20:30	21:03	WEA08		33	45
	20:51	21:15	WEA07		24	
07.07	20:30	21:04	WEA08		34	45
	20:52	21:15	WEA07		23	
08.07	20:31	21:04	WEA08		33	45
	20:52	21:16	WEA07		24	
09.07	20:30	21:03	WEA08		33	45
	20:51	21:15	WEA07		24	
10.07	20:30	21:03	WEA08		33	45
	20:52	21:15	WEA07		23	
11.07	20:31	21:03	WEA08		32	43
	20:52	21:14	WEA07		22	
12.07	20:31	21:03	WEA08		32	43
	20:53	21:14	WEA07		21	
13.07	20:32	21:03	WEA08		31	43
	20:54	21:15	WEA07		21	
14.07	20:33	21:03	WEA08		30	41
	20:55	21:14	WEA07		19	
15.07	20:33	21:03	WEA08		30	40
	20:55	21:13	WEA07		18	
16.07	20:33	21:02	WEA08		29	39
	20:56	21:12	WEA07		16	
17.07	20:34	21:02	WEA08		28	37
	20:57	21:11	WEA07		14	
18.07	20:34	21:01	WEA08		27	36
	20:58	21:10	WEA07		12	
19.07	20:35	21:02	WEA08		27	34
	21:00	21:09	WEA07		9	



Bünner Wohld 28						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
20.07	20:36	21:01	WEA08		25	31
	21:02	21:08	WEA07		6	
21.07	20:37	21:00	WEA08		23	23
22.07	20:37	20:58	WEA08		21	21
23.07	20:39	20:58	WEA08		19	19
24.07	20:40	20:56	WEA08		16	16
25.07	20:42	20:54	WEA08		12	12
26.07	20:47	20:50	WEA08		3	3

Bünner Wohld 32						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
29.05	20:54	20:56	WEA08		2	2
30.05	20:51	21:00	WEA08		9	9
31.05	20:49	21:02	WEA08		13	13
01.06	20:48	21:03	WEA08		15	15
02.06	20:47	21:04	WEA08		17	21
	21:05	21:09	WEA07		4	
03.06	20:47	21:06	WEA08		19	24
	21:04	21:11	WEA07		7	
04.06	20:46	21:06	WEA08		20	25
	21:02	21:11	WEA07		9	
05.06	20:45	21:06	WEA08		21	27
	21:01	21:12	WEA07		11	
06.06	20:45	21:08	WEA08		23	28
	21:01	21:13	WEA07		12	
07.06	20:44	21:08	WEA08		24	29
	21:00	21:13	WEA07		13	
08.06	20:45	21:09	WEA08		24	30
	21:01	21:15	WEA07		14	
09.06	20:45	21:10	WEA08		25	31
	21:01	21:16	WEA07		15	
10.06	20:44	21:09	WEA08		25	32
	21:00	21:16	WEA07		16	
11.06	20:44	21:10	WEA08		26	33
	21:00	21:17	WEA07		17	
12.06	20:45	21:11	WEA08		26	33
	21:00	21:18	WEA07		18	
13.06	20:44	21:10	WEA08		26	34
	21:00	21:18	WEA07		18	
14.06	20:44	21:11	WEA08		27	34
	21:00	21:18	WEA07		18	
15.06	20:44	21:11	WEA08		27	35
	21:00	21:19	WEA07		19	
16.06	20:44	21:12	WEA08		28	36
	21:00	21:20	WEA07		20	
17.06	20:45	21:12	WEA08		27	35
	21:00	21:20	WEA07		20	
18.06	20:45	21:12	WEA08		27	35
	21:00	21:20	WEA07		20	
19.06	20:45	21:13	WEA08		28	36
	21:00	21:21	WEA07		21	
20.06	20:45	21:13	WEA08		28	36
	21:00	21:21	WEA07		21	
21.06	20:46	21:14	WEA08		28	36
	21:01	21:22	WEA07		21	
22.06	20:46	21:14	WEA08		28	36
	21:01	21:22	WEA07		21	
23.06	20:46	21:14	WEA08		28	36
	21:01	21:22	WEA07		21	
24.06	20:46	21:13	WEA08		27	35
	21:01	21:21	WEA07		20	
25.06	20:47	21:14	WEA08		27	35
	21:02	21:22	WEA07		20	
26.06	20:47	21:14	WEA08		27	35
	21:02	21:22	WEA07		20	
27.06	20:47	21:15	WEA08		28	35
	21:03	21:22	WEA07		19	
28.06	20:47	21:14	WEA08		27	35
	21:03	21:22	WEA07		19	
29.06	20:48	21:15	WEA08		27	34
	21:04	21:22	WEA07		18	

Bünner Wohld 32						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
30.06	20:48	21:14	WEA08		26	33
	21:03	21:21	WEA07		18	
01.07	20:49	21:14	WEA08		25	32
	21:04	21:21	WEA07		17	
02.07	20:49	21:15	WEA08		26	32
	21:05	21:21	WEA07		16	
03.07	20:49	21:14	WEA08		25	31
	21:05	21:20	WEA07		15	
04.07	20:50	21:14	WEA08		24	30
	21:06	21:20	WEA07		14	
05.07	20:51	21:14	WEA08		23	29
	21:07	21:20	WEA07		13	
06.07	20:51	21:14	WEA08		23	29
	21:07	21:20	WEA07		13	
07.07	20:52	21:14	WEA08		22	27
	21:08	21:19	WEA07		11	
08.07	20:53	21:14	WEA08		21	26
	21:09	21:19	WEA07		10	
09.07	20:53	21:12	WEA08		19	24
	21:10	21:17	WEA07		7	
10.07	20:54	21:12	WEA08		18	23
	21:11	21:17	WEA07		6	
11.07	20:55	21:11	WEA08		16	16
12.07	20:56	21:10	WEA08		14	14
13.07	20:58	21:09	WEA08		11	11
14.07	21:01	21:07	WEA08		6	6



Fresenweg 8c						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
09.04	07:11	07:22	WEA11		11	11
10.04	07:09	07:25	WEA11		16	16
11.04	07:07	07:26	WEA11		19	19
12.04	07:05	07:26	WEA11		21	21
13.04	07:04	07:27	WEA11		23	23
14.04	07:03	07:28	WEA11		25	25
15.04	07:03	07:28	WEA11		25	25
16.04	07:02	07:28	WEA11		26	26
17.04	07:01	07:27	WEA11		26	26
18.04	07:01	07:27	WEA11		26	26
19.04	07:01	07:27	WEA11		26	26
20.04	07:01	07:26	WEA11		25	25
21.04	07:02	07:25	WEA11		23	23
22.04	07:02	07:25	WEA11		23	23
23.04	06:52	06:59	WEA08		7	27
	07:03	07:23	WEA11		20	
24.04	06:48	07:03	WEA08		15	33
	07:04	07:22	WEA11		18	
25.04	06:45	07:05	WEA08		20	34
	07:06	07:20	WEA11		14	
26.04	06:43	07:07	WEA08		24	33
	07:08	07:17	WEA11		9	
27.04	06:42	07:08	WEA08		26	26
28.04	06:40	07:09	WEA08		29	29
29.04	06:39	07:10	WEA08		31	31
30.04	06:38	07:10	WEA08		32	32
01.05	06:37	07:11	WEA08		34	34
02.05	06:36	07:11	WEA08		35	35
03.05	06:36	07:11	WEA08		35	35
04.05	06:36	07:12	WEA08		36	36
05.05	06:35	07:12	WEA08		37	37
06.05	06:35	07:11	WEA08		36	36
07.05	06:35	07:11	WEA08		36	36
08.05	06:14	06:18	WEA10		4	41
	06:35	07:12	WEA08		37	
09.05	06:10	06:21	WEA10		11	47
	06:35	07:11	WEA08		36	
10.05	06:09	06:24	WEA10		15	51
	06:36	07:12	WEA08		36	
11.05	06:07	06:25	WEA10		18	54
	06:35	07:11	WEA08		36	
12.05	06:05	06:25	WEA10		20	55
	06:35	07:10	WEA08		35	
13.05	06:05	06:27	WEA10		22	56
	06:36	07:10	WEA08		34	
14.05	06:04	06:27	WEA10		23	56
	06:36	07:09	WEA08		33	
15.05	06:04	06:28	WEA10		24	56
	06:37	07:09	WEA08		32	
16.05	06:04	06:29	WEA10		25	56
	06:38	07:09	WEA08		31	
17.05	06:03	06:28	WEA10		25	55
	06:38	07:08	WEA08		30	
18.05	06:03	06:29	WEA10		26	54
	06:39	07:07	WEA08		28	
19.05	06:02	06:29	WEA10		27	54
	06:39	07:06	WEA08		27	
20.05	06:03	06:29	WEA10		26	51
	06:40	07:05	WEA08		25	

Fresenweg 8c						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
21.05	06:03	06:29	WEA10		26	50
	06:41	07:05	WEA08		24	
22.05	06:03	06:30	WEA10		27	48
	06:43	07:04	WEA08		21	
23.05	06:03	06:30	WEA10		27	46
	06:44	07:03	WEA08		19	
24.05	06:04	06:30	WEA10		26	41
	06:46	07:01	WEA08		15	
25.05	06:03	06:29	WEA10		26	38
	06:47	06:59	WEA08		12	
26.05	06:03	06:29	WEA10		26	32
	06:50	06:56	WEA08		6	
27.05	06:04	06:28	WEA10		24	24
28.05	06:04	06:28	WEA10		24	24
29.05	06:06	06:29	WEA10		23	23
30.05	06:06	06:29	WEA10		23	23
31.05	06:06	06:28	WEA10		22	22
01.06	06:07	06:28	WEA10		21	21
02.06	06:07	06:27	WEA10		20	20
03.06	06:08	06:27	WEA10		19	19
04.06	06:09	06:27	WEA10		18	18
05.06	06:10	06:27	WEA10		17	17
06.06	06:10	06:26	WEA10		16	16
07.06	06:11	06:25	WEA10		14	14
08.06	06:12	06:25	WEA10		13	13
09.06	06:13	06:25	WEA10		12	12
10.06	06:13	06:23	WEA10		10	10
11.06	06:15	06:23	WEA10		8	8
12.06	06:16	06:23	WEA10		7	7
13.06	06:18	06:22	WEA10		4	4
29.06	06:22	06:24	WEA10		2	2
30.06	06:20	06:25	WEA10		5	5
01.07	06:19	06:27	WEA10		8	8
02.07	06:19	06:28	WEA10		9	9
03.07	06:18	06:29	WEA10		11	11
04.07	06:17	06:30	WEA10		13	13
05.07	06:17	06:31	WEA10		14	14
06.07	06:17	06:32	WEA10		15	15
07.07	06:16	06:33	WEA10		17	17
08.07	06:16	06:34	WEA10		18	18
09.07	06:16	06:34	WEA10		18	18
10.07	06:16	06:35	WEA10		19	19
11.07	06:15	06:36	WEA10		21	21
12.07	06:15	06:36	WEA10		21	21
13.07	06:15	06:37	WEA10		22	22
14.07	06:14	06:37	WEA10		23	23
15.07	06:14	06:38	WEA10		24	24
16.07	06:13	06:38	WEA10		25	25
17.07	06:13	06:38	WEA10		25	25
18.07	06:13	06:38	WEA10		25	34
	06:58	07:07	WEA08		9	
19.07	06:13	06:39	WEA10		26	40
	06:56	07:10	WEA08		14	
20.07	06:13	06:39	WEA10		26	44
	06:54	07:12	WEA08		18	
21.07	06:13	06:39	WEA10		26	46
	06:53	07:13	WEA08		20	
22.07	06:12	06:39	WEA10		27	49
	06:52	07:14	WEA08		22	



Fresenweg 8c						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
23.07	06:13	06:40	WEA10		27	52
	06:51	07:16	WEA08		25	
24.07	06:13	06:39	WEA10		26	52
	06:50	07:16	WEA08		26	
25.07	06:13	06:39	WEA10		26	54
	06:49	07:17	WEA08		28	
26.07	06:14	06:39	WEA10		25	54
	06:49	07:18	WEA08		29	
27.07	06:13	06:39	WEA10		26	56
	06:48	07:18	WEA08		30	
28.07	06:14	06:39	WEA10		25	57
	06:48	07:20	WEA08		32	
29.07	06:14	06:38	WEA10		24	57
	06:47	07:20	WEA08		33	
30.07	06:15	06:37	WEA10		22	56
	06:46	07:20	WEA08		34	
31.07	06:16	06:37	WEA10		21	56
	06:46	07:21	WEA08		35	
01.08	06:16	06:35	WEA10		19	55
	06:45	07:21	WEA08		36	
02.08	06:18	06:35	WEA10		17	52
	06:46	07:21	WEA08		35	
03.08	06:19	06:33	WEA10		14	50
	06:45	07:21	WEA08		36	
04.08	06:21	06:31	WEA10		10	47
	06:45	07:22	WEA08		37	
05.08	06:45	07:21	WEA08		36	36
06.08	06:45	07:22	WEA08		37	37
07.08	06:44	07:21	WEA08		37	37
08.08	06:45	07:21	WEA08		36	36
09.08	06:45	07:20	WEA08		35	35
10.08	06:45	07:20	WEA08		35	35
11.08	06:46	07:20	WEA08		34	34
12.08	06:46	07:19	WEA08		33	33
13.08	06:47	07:18	WEA08		31	31
14.08	06:47	07:17	WEA08		30	30
15.08	06:48	07:16	WEA08		28	28
16.08	06:48	07:14	WEA08		26	26
17.08	06:50	07:13	WEA08		23	34
	07:14	07:25	WEA11		11	
18.08	06:51	07:10	WEA08		19	34
	07:11	07:26	WEA11		15	
19.08	06:54	07:08	WEA08		14	32
	07:10	07:28	WEA11		18	
20.08	07:00	07:02	WEA08		2	22
	07:09	07:29	WEA11		20	
21.08	07:07	07:29	WEA11		22	22
22.08	07:06	07:30	WEA11		24	24
23.08	07:05	07:30	WEA11		25	25
24.08	07:05	07:30	WEA11		25	25
25.08	07:05	07:31	WEA11		26	26
26.08	07:04	07:30	WEA11		26	26
27.08	07:04	07:30	WEA11		26	26
28.08	07:03	07:29	WEA11		26	26
29.08	07:04	07:28	WEA11		24	24
30.08	07:04	07:27	WEA11		23	23
31.08	07:05	07:26	WEA11		21	21
01.09	07:06	07:25	WEA11		19	19
02.09	07:07	07:22	WEA11		15	15

Fresenweg 8c						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
03.09	07:09	07:20	WEA11		11	11



Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
16.03	07:10	07:22	WEA11		12	12
17.03	07:06	07:24	WEA11		18	18
18.03	07:05	07:26	WEA11		21	21
19.03	07:03	07:26	WEA11		23	23
20.03	07:02	07:27	WEA11		25	25
	07:12	07:23	WEA08		11	
21.03	07:01	07:28	WEA11		27	27
	07:08	07:27	WEA08		19	
22.03	07:00	07:27	WEA11		27	29
	07:05	07:29	WEA08		24	
23.03	07:00	07:27	WEA11		27	31
	07:03	07:31	WEA08		28	
24.03	06:59	07:27	WEA11		28	32
	07:01	07:31	WEA08		30	
25.03	06:59	07:26	WEA11		27	34
	07:00	07:33	WEA08		33	
26.03	06:59	07:34	WEA08		35	35
	06:59	07:26	WEA11		27	
27.03	06:57	07:34	WEA08		37	37
	06:59	07:25	WEA11		26	
28.03	06:56	07:34	WEA08		38	38
	07:00	07:24	WEA11		24	
29.03	07:56	08:35	WEA08		39	39
	08:01	08:23	WEA11		22	
30.03	07:55	08:34	WEA08		39	39
	08:01	08:21	WEA11		20	
31.03	07:54	08:34	WEA08		40	40
	08:03	08:19	WEA11		16	
01.04	07:53	08:33	WEA08		40	40
	08:05	08:15	WEA11		10	
02.04	07:53	08:33	WEA08		40	40
03.04	07:53	08:33	WEA08		40	40
04.04	07:54	08:33	WEA08		39	39
05.04	07:53	08:31	WEA08		38	38
06.04	07:54	08:31	WEA08		37	37
07.04	07:54	08:30	WEA08		36	36
08.04	07:54	08:28	WEA08		34	34
09.04	07:55	08:27	WEA08		32	32
10.04	07:56	08:26	WEA08		30	30
11.04	07:57	08:24	WEA08		27	27
12.04	07:58	08:21	WEA08		23	23
13.04	08:00	08:19	WEA08		19	19
14.04	07:03	07:14	WEA10		11	22
	08:04	08:15	WEA08		11	
15.04	07:00	07:17	WEA10		17	17
16.04	06:58	07:18	WEA10		20	20
17.04	06:56	07:19	WEA10		23	23
18.04	06:55	07:20	WEA10		25	25
19.04	06:54	07:20	WEA10		26	26
20.04	06:53	07:21	WEA10		28	28
21.04	06:52	07:21	WEA10		29	29
22.04	06:52	07:21	WEA10		29	29
23.04	06:52	07:21	WEA10		29	29
24.04	06:51	07:21	WEA10		30	30
25.04	06:51	07:21	WEA10		30	30
26.04	06:51	07:20	WEA10		29	29
27.04	06:51	07:20	WEA10		29	29
28.04	06:52	07:19	WEA10		27	27
29.04	06:52	07:18	WEA10		26	26

Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
30.04	06:53	07:17	WEA10		24	24
01.05	06:53	07:16	WEA10		23	23
	07:00	07:11	WEA07		11	
02.05	06:54	07:15	WEA10		21	22
	06:55	07:16	WEA07		21	
03.05	06:51	07:18	WEA07		27	27
	06:55	07:13	WEA10		18	
04.05	06:50	07:21	WEA07		31	31
	06:58	07:12	WEA10		14	
05.05	06:48	07:23	WEA07		35	35
	07:00	07:08	WEA10		8	
06.05	06:46	07:24	WEA07		38	38
07.05	06:44	07:25	WEA07		41	41
08.05	06:43	07:27	WEA07		44	44
09.05	06:42	07:28	WEA07		46	46
10.05	06:41	07:29	WEA07		48	48
11.05	06:40	07:30	WEA07		50	50
12.05	06:39	07:30	WEA07		51	51
13.05	06:39	07:31	WEA07		52	52
14.05	06:37	07:31	WEA07		54	54
15.05	06:37	07:32	WEA07		55	55
16.05	06:36	07:32	WEA07		56	56
17.05	06:36	07:33	WEA07		57	57
18.05	06:36	07:34	WEA07		58	58
19.05	06:11	06:14	WEA09		3	62
	06:35	07:34	WEA07		59	
20.05	06:06	06:19	WEA09		13	72
	06:35	07:34	WEA07		59	
21.05	06:04	06:21	WEA09		17	77
	06:35	07:35	WEA07		60	
22.05	06:03	06:23	WEA09		20	80
	06:35	07:35	WEA07		60	
23.05	06:02	06:25	WEA09		23	84
	06:35	07:36	WEA07		61	
24.05	06:00	06:25	WEA09		25	86
	06:34	07:35	WEA07		61	
25.05	05:59	06:26	WEA09		27	88
	06:34	07:35	WEA07		61	
26.05	05:59	06:27	WEA09		28	90
	06:34	07:36	WEA07		62	
27.05	05:58	06:28	WEA09		30	92
	06:34	07:36	WEA07		62	
28.05	05:58	06:29	WEA09		31	93
	06:34	07:36	WEA07		62	
29.05	05:58	06:30	WEA09		32	94
	06:35	07:37	WEA07		62	
30.05	05:58	06:31	WEA09		33	95
	06:35	07:37	WEA07		62	
31.05	05:57	06:31	WEA09		34	96
	06:35	07:37	WEA07		62	
01.06	05:57	06:31	WEA09		34	96
	06:35	07:37	WEA07		62	
02.06	05:56	06:31	WEA09		35	97
	06:35	07:37	WEA07		62	
03.06	05:57	06:33	WEA09		36	98
	06:35	07:37	WEA07		62	
04.06	05:56	06:33	WEA09		37	99
	06:35	07:37	WEA07		62	
05.06	05:56	06:33	WEA09		37	99
	06:35	07:37	WEA07		62	



Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
06.06	05:56	06:34	WEA09		38	100
	06:36	07:38	WEA07		62	
07.06	05:56	06:33	WEA09		37	99
	06:35	07:37	WEA07		62	
08.06	05:56	06:34	WEA09		38	100
	06:36	07:38	WEA07		62	
09.06	05:57	06:35	WEA09		38	99
	06:37	07:38	WEA07		61	
10.06	05:56	06:35	WEA09		39	101
	06:36	07:38	WEA07		62	
11.06	05:57	06:35	WEA09		38	99
	06:37	07:38	WEA07		61	
12.06	05:57	06:36	WEA09		39	101
	06:37	07:39	WEA07		62	
13.06	05:57	06:36	WEA09		39	100
	06:38	07:39	WEA07		61	
14.06	05:57	06:36	WEA09		39	100
	06:37	07:38	WEA07		61	
15.06	05:57	06:36	WEA09		39	101
	06:37	07:39	WEA07		62	
16.06	05:57	06:36	WEA09		39	100
	06:38	07:39	WEA07		61	
17.06	05:57	06:36	WEA09		39	100
	06:38	07:39	WEA07		61	
18.06	05:57	06:37	WEA09		40	101
	06:38	07:39	WEA07		61	
19.06	05:58	06:37	WEA09		39	100
	06:38	07:39	WEA07		61	
20.06	05:58	06:37	WEA09		39	100
	06:38	07:39	WEA07		61	
21.06	05:59	06:38	WEA09		39	100
	06:39	07:40	WEA07		61	
22.06	05:59	06:38	WEA09		39	100
	06:39	07:40	WEA07		61	
23.06	05:59	06:38	WEA09		39	100
	06:39	07:40	WEA07		61	
24.06	06:00	06:39	WEA09		39	100
	06:40	07:41	WEA07		61	
25.06	05:59	06:39	WEA09		40	101
	06:40	07:41	WEA07		61	
26.06	05:59	06:38	WEA09		39	100
	06:40	07:41	WEA07		61	
27.06	06:00	06:39	WEA09		39	100
	06:41	07:42	WEA07		61	
28.06	06:00	06:39	WEA09		39	100
	06:40	07:41	WEA07		61	
29.06	06:00	06:39	WEA09		39	100
	06:41	07:42	WEA07		61	
30.06	06:00	06:39	WEA09		39	101
	06:40	07:42	WEA07		62	
01.07	06:01	06:39	WEA09		38	99
	06:41	07:42	WEA07		61	
02.07	06:01	06:40	WEA09		39	101
	06:41	07:43	WEA07		62	
03.07	06:01	06:39	WEA09		38	100
	06:41	07:43	WEA07		62	
04.07	06:02	06:39	WEA09		37	99
	06:41	07:43	WEA07		62	
05.07	06:02	06:40	WEA09		38	99
	06:42	07:43	WEA07		61	

Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
06.07	06:03	06:40	WEA09		37	99
	06:42	07:44	WEA07		62	
07.07	06:03	06:40	WEA09		37	99
	06:42	07:44	WEA07		62	
08.07	06:04	06:40	WEA09		36	98
	06:43	07:45	WEA07		62	
09.07	06:04	06:40	WEA09		36	98
	06:43	07:45	WEA07		62	
10.07	06:04	06:40	WEA09		36	98
	06:43	07:45	WEA07		62	
11.07	06:05	06:40	WEA09		35	97
	06:43	07:45	WEA07		62	
12.07	06:05	06:40	WEA09		35	97
	06:43	07:45	WEA07		62	
13.07	06:06	06:39	WEA09		33	95
	06:43	07:45	WEA07		62	
14.07	06:06	06:39	WEA09		33	95
	06:43	07:45	WEA07		62	
15.07	06:07	06:38	WEA09		31	92
	06:44	07:45	WEA07		61	
16.07	06:07	06:38	WEA09		31	92
	06:44	07:45	WEA07		61	
17.07	06:08	06:37	WEA09		29	90
	06:44	07:45	WEA07		61	
18.07	06:09	06:36	WEA09		27	88
	06:44	07:45	WEA07		61	
19.07	06:10	06:36	WEA09		26	87
	06:45	07:46	WEA07		61	
20.07	06:11	06:35	WEA09		24	84
	06:45	07:45	WEA07		60	
21.07	06:12	06:34	WEA09		22	82
	06:45	07:45	WEA07		60	
22.07	06:13	06:32	WEA09		19	79
	06:45	07:45	WEA07		60	
23.07	06:16	06:31	WEA09		15	74
	06:46	07:45	WEA07		59	
24.07	06:18	06:28	WEA09		10	68
	06:46	07:44	WEA07		58	
25.07	06:46	07:44	WEA07		58	58
26.07	06:47	07:44	WEA07		57	57
27.07	06:47	07:43	WEA07		56	56
28.07	06:48	07:43	WEA07		55	55
29.07	06:48	07:43	WEA07		55	55
30.07	06:48	07:42	WEA07		54	54
31.07	06:49	07:41	WEA07		52	52
01.08	06:49	07:40	WEA07		51	51
02.08	06:51	07:40	WEA07		49	49
03.08	06:51	07:38	WEA07		47	47
04.08	06:53	07:38	WEA07		45	45
05.08	06:53	07:36	WEA07		43	43
06.08	06:55	07:35	WEA07		40	40
07.08	06:56	07:33	WEA07		37	37
08.08	06:58	07:32	WEA07		34	34
	07:09	07:19	WEA10		10	
09.08	06:59	07:29	WEA07		30	30
	07:05	07:21	WEA10		16	
10.08	07:02	07:27	WEA07		25	25
	07:04	07:23	WEA10		19	
11.08	07:02	07:24	WEA10		22	22
	07:04	07:23	WEA07		19	



Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
12.08	07:01	07:25	WEA10		24	24
	07:11	07:17	WEA07		6	
13.08	07:01	07:26	WEA10		25	25
14.08	06:59	07:26	WEA10		27	27
15.08	06:59	07:27	WEA10		28	28
16.08	06:58	07:27	WEA10		29	29
17.08	06:58	07:27	WEA10		29	29
18.08	06:57	07:26	WEA10		29	29
19.08	06:57	07:27	WEA10		30	30
20.08	06:57	07:27	WEA10		30	30
21.08	06:57	07:26	WEA10		29	29
22.08	06:57	07:26	WEA10		29	29
23.08	06:57	07:24	WEA10		27	27
24.08	06:58	07:24	WEA10		26	26
25.08	06:58	07:22	WEA10		24	24
26.08	06:59	07:21	WEA10		22	22
27.08	07:00	07:20	WEA10		20	20
28.08	07:01	07:17	WEA10		16	16
29.08	07:04	07:14	WEA10		10	22
	08:04	08:16	WEA08		12	
30.08	08:00	08:19	WEA08		19	19
31.08	07:58	08:21	WEA08		23	23
01.09	07:56	08:23	WEA08		27	27
02.09	07:54	08:24	WEA08		30	30
03.09	07:53	08:25	WEA08		32	32
04.09	07:51	08:25	WEA08		34	34
05.09	07:50	08:26	WEA08		36	36
06.09	07:50	08:27	WEA08		37	37
07.09	07:48	08:26	WEA08		38	38
08.09	07:48	08:27	WEA08		39	39
09.09	07:47	08:26	WEA08		39	39
10.09	07:46	08:27	WEA08		41	41
11.09	07:46	08:27	WEA08		41	41
	07:58	08:08	WEA11		10	
12.09	07:46	08:26	WEA08		40	40
	07:54	08:10	WEA11		16	
13.09	07:46	08:25	WEA08		39	39
	07:52	08:12	WEA11		20	
14.09	07:46	08:25	WEA08		39	39
	07:51	08:13	WEA11		22	
15.09	07:46	08:24	WEA08		38	38
	07:49	08:13	WEA11		24	
16.09	07:46	08:23	WEA08		37	37
	07:48	08:14	WEA11		26	
17.09	07:47	08:22	WEA08		35	35
	07:48	08:14	WEA11		26	
18.09	07:46	08:14	WEA11		28	34
	07:47	08:20	WEA08		33	
19.09	07:46	08:14	WEA11		28	33
	07:48	08:19	WEA08		31	
20.09	07:46	08:14	WEA11		28	32
	07:49	08:18	WEA08		29	
21.09	07:45	08:13	WEA11		28	30
	07:50	08:15	WEA08		25	
22.09	07:46	08:12	WEA11		26	27
	07:52	08:13	WEA08		21	
23.09	07:46	08:12	WEA11		26	26
	07:56	08:09	WEA08		13	
24.09	07:46	08:10	WEA11		24	24

Fresenweg 67						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
25.09	07:47	08:09	WEA11		22	22
26.09	07:48	08:07	WEA11		19	19
27.09	07:49	08:04	WEA11		15	15
28.09	07:53	08:01	WEA11		8	8





Lechterker Straße 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
13.03	07:15	07:17	WEA08		2	2
14.03	07:10	07:21	WEA08		11	11
15.03	07:08	07:23	WEA08		15	15
16.03	07:06	07:25	WEA08		19	19
17.03	07:04	07:25	WEA08		21	21
18.03	07:04	07:25	WEA08		21	21
19.03	07:02	07:25	WEA08		23	23
20.03	07:02	07:25	WEA08		23	23
21.03	07:03	07:25	WEA08		22	22
22.03	07:02	07:24	WEA08		22	22
23.03	07:03	07:23	WEA08		20	20
24.03	07:02	07:22	WEA08		20	20
25.03	07:04	07:20	WEA08		16	16
26.03	07:05	07:19	WEA08		14	14
27.03	07:08	07:15	WEA08		7	7
30.03	07:38	07:45	WEA07		7	7
31.03	07:34	07:49	WEA07		15	15
01.04	07:32	07:51	WEA07		19	19
02.04	07:30	07:52	WEA07		22	22
03.04	07:29	07:53	WEA07		24	24
04.04	07:28	07:54	WEA07		26	26
05.04	07:26	07:53	WEA07		27	27
06.04	07:26	07:54	WEA07		28	28
07.04	07:25	07:54	WEA07		29	29
08.04	07:24	07:53	WEA07		29	29
09.04	07:24	07:53	WEA07		29	29
10.04	07:25	07:53	WEA07		28	28
11.04	07:25	07:52	WEA07		27	27
12.04	07:25	07:50	WEA07		25	25
13.04	07:25	07:50	WEA07		25	25
14.04	06:58	07:07	WEA09		9	
	07:26	07:48	WEA07		22	31
15.04	06:56	07:09	WEA09		13	
	07:27	07:47	WEA07		20	33
16.04	06:54	07:11	WEA09		17	
	07:29	07:45	WEA07		16	33
17.04	06:51	07:11	WEA09		20	
	07:31	07:41	WEA07		10	30
18.04	06:50	07:11	WEA09		21	21
19.04	06:50	07:12	WEA09		22	22
20.04	06:49	07:12	WEA09		23	23
21.04	06:49	07:12	WEA09		23	23
22.04	06:49	07:12	WEA09		23	23
23.04	06:49	07:12	WEA09		23	23
24.04	06:49	07:11	WEA09		22	22
25.04	06:49	07:10	WEA09		21	21
26.04	06:50	07:09	WEA09		19	19
27.04	06:50	07:08	WEA09		18	18
28.04	06:51	07:07	WEA09		16	16
29.04	06:53	07:05	WEA09		12	12
30.04	06:56	07:01	WEA09		5	5
02.05	06:28	06:34	WEA06		6	6
03.05	06:24	06:38	WEA06		14	14
04.05	06:23	06:40	WEA06		17	17
05.05	06:21	06:41	WEA06		20	20
06.05	06:19	06:42	WEA06		23	23
07.05	06:18	06:43	WEA06		25	25
08.05	06:18	06:44	WEA06		26	26
09.05	06:17	06:44	WEA06		27	27

Lechterker Straße 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
10.05	06:17	06:45	WEA06		28	28
11.05	06:16	06:45	WEA06		29	29
12.05	06:15	06:45	WEA06		30	30
13.05	06:16	06:46	WEA06		30	30
14.05	06:15	06:45	WEA06		30	30
15.05	06:16	06:46	WEA06		30	30
16.05	06:16	06:46	WEA06		30	30
17.05	06:15	06:46	WEA06		31	31
18.05	06:16	06:46	WEA06		30	30
19.05	06:16	06:45	WEA06		29	29
20.05	06:16	06:45	WEA06		29	29
21.05	06:17	06:45	WEA06		28	28
22.05	06:17	06:45	WEA06		28	28
23.05	06:18	06:45	WEA06		27	27
24.05	06:19	06:44	WEA06		25	25
25.05	06:18	06:43	WEA06		25	25
26.05	06:19	06:43	WEA06		24	24
27.05	06:20	06:42	WEA06		22	22
28.05	06:20	06:41	WEA06		21	21
29.05	06:22	06:42	WEA06		20	20
30.05	06:23	06:41	WEA06		18	18
31.05	06:24	06:40	WEA06		16	16
01.06	06:25	06:39	WEA06		14	14
02.06	06:26	06:37	WEA06		11	11
03.06	06:28	06:37	WEA06		9	9
04.06	06:00	06:06	WEA04		6	
	06:31	06:34	WEA06		3	9
05.06	05:58	06:10	WEA04		12	12
06.06	05:56	06:11	WEA04		15	15
07.06	05:55	06:12	WEA04		17	17
08.06	05:55	06:13	WEA04		18	18
09.06	05:54	06:15	WEA04		21	21
10.06	05:53	06:15	WEA04		22	22
11.06	05:53	06:16	WEA04		23	23
12.06	05:53	06:17	WEA04		24	24
13.06	05:40	05:41	WEA05		1	
	05:53	06:18	WEA04		25	26
14.06	05:37	05:42	WEA05		5	
	05:52	06:17	WEA04		25	30
15.06	05:37	05:43	WEA05		6	
	05:52	06:18	WEA04		26	32
16.06	05:36	05:44	WEA05		8	
	05:52	06:19	WEA04		27	35
17.06	05:36	05:45	WEA05		9	
	05:52	06:19	WEA04		27	36
18.06	05:36	05:45	WEA05		9	
	05:52	06:19	WEA04		27	36
19.06	05:36	05:46	WEA05		10	
	05:52	06:20	WEA04		28	38
20.06	05:37	05:47	WEA05		10	
	05:53	06:21	WEA04		28	38
21.06	05:37	05:47	WEA05		10	
	05:53	06:21	WEA04		28	38
22.06	05:37	05:47	WEA05		10	
	05:53	06:21	WEA04		28	38
23.06	05:37	05:47	WEA05		10	
	05:53	06:21	WEA04		28	38
24.06	05:38	05:48	WEA05		10	
	05:54	06:21	WEA04		27	37



Lechterker Straße 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
25.06	05:38	05:47	WEA05		9	
	05:54	06:21	WEA04		27	36
26.06	05:38	05:47	WEA05		9	
	05:54	06:21	WEA04		27	36
27.06	05:39	05:47	WEA05		8	
	05:55	06:21	WEA04		26	34
28.06	05:40	05:46	WEA05		6	
	05:55	06:21	WEA04		26	32
29.06	05:42	05:45	WEA05		3	
	05:56	06:21	WEA04		25	28
30.06	05:56	06:20	WEA04		24	24
01.07	05:57	06:20	WEA04		23	23
02.07	05:58	06:20	WEA04		22	22
03.07	05:58	06:19	WEA04		21	21
04.07	05:59	06:19	WEA04		20	20
05.07	06:01	06:18	WEA04		17	17
06.07	06:02	06:18	WEA04		16	16
07.07	06:04	06:17	WEA04		13	13
08.07	06:06	06:15	WEA04		9	9
09.07	06:36	06:43	WEA06		7	7
10.07	06:35	06:45	WEA06		10	10
11.07	06:34	06:47	WEA06		13	13
12.07	06:33	06:48	WEA06		15	15
13.07	06:32	06:49	WEA06		17	17
14.07	06:31	06:50	WEA06		19	19
15.07	06:30	06:51	WEA06		21	21
16.07	06:29	06:51	WEA06		22	22
17.07	06:29	06:52	WEA06		23	23
18.07	06:28	06:52	WEA06		24	24
19.07	06:28	06:54	WEA06		26	26
20.07	06:28	06:54	WEA06		26	26
21.07	06:27	06:54	WEA06		27	27
22.07	06:27	06:54	WEA06		27	27
23.07	06:27	06:56	WEA06		29	29
24.07	06:26	06:56	WEA06		30	30
25.07	06:26	06:55	WEA06		29	29
26.07	06:26	06:56	WEA06		30	30
27.07	06:26	06:56	WEA06		30	30
28.07	06:26	06:57	WEA06		31	31
29.07	06:26	06:56	WEA06		30	30
30.07	06:27	06:57	WEA06		30	30
31.07	06:26	06:56	WEA06		30	30
01.08	06:26	06:55	WEA06		29	29
02.08	06:27	06:56	WEA06		29	29
03.08	06:27	06:55	WEA06		28	28
04.08	06:28	06:55	WEA06		27	27
05.08	06:28	06:53	WEA06		25	25
06.08	06:29	06:53	WEA06		24	24
07.08	06:29	06:51	WEA06		22	22
08.08	06:31	06:50	WEA06		19	19
09.08	06:32	06:48	WEA06		16	16
10.08	06:34	06:46	WEA06		12	12
13.08	07:03	07:11	WEA09		8	8
14.08	07:00	07:13	WEA09		13	13
15.08	06:59	07:15	WEA09		16	16
16.08	06:57	07:15	WEA09		18	18
17.08	06:56	07:16	WEA09		20	20
18.08	06:55	07:16	WEA09		21	21
19.08	06:54	07:17	WEA09		23	23

Lechterker Straße 23						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
20.08	06:54	07:17	WEA09		23	23
21.08	06:53	07:17	WEA09		24	24
22.08	06:54	07:17	WEA09		23	23
23.08	06:53	07:16	WEA09		23	23
24.08	06:53	07:15	WEA09		22	22
25.08	06:54	07:15	WEA09		21	21
26.08	06:54	07:13	WEA09		19	
	07:33	07:44	WEA07		11	30
27.08	06:56	07:12	WEA09		16	
	07:31	07:47	WEA07		16	32
28.08	06:57	07:10	WEA09		13	
	07:28	07:48	WEA07		20	33
29.08	06:59	07:07	WEA09		8	
	07:27	07:49	WEA07		22	30
30.08	07:25	07:49	WEA07		24	24
31.08	07:24	07:50	WEA07		26	26
01.09	07:24	07:51	WEA07		27	27
02.09	07:23	07:51	WEA07		28	28
03.09	07:22	07:51	WEA07		29	29
04.09	07:21	07:50	WEA07		29	29
05.09	07:22	07:50	WEA07		28	28
06.09	07:22	07:50	WEA07		28	28
07.09	07:21	07:48	WEA07		27	27
08.09	07:22	07:48	WEA07		26	26
09.09	07:23	07:47	WEA07		24	24
10.09	07:23	07:45	WEA07		22	22
11.09	07:24	07:44	WEA07		20	20
12.09	07:25	07:41	WEA07		16	16
13.09	07:28	07:37	WEA07		9	9
16.09	07:58	08:03	WEA08		5	5
17.09	07:54	08:07	WEA08		13	13
18.09	07:51	08:08	WEA08		17	17
19.09	07:50	08:09	WEA08		19	19
20.09	07:49	08:10	WEA08		21	21
21.09	07:48	08:09	WEA08		21	21
22.09	07:47	08:10	WEA08		23	23
23.09	07:47	08:10	WEA08		23	23
24.09	07:46	08:09	WEA08		23	23
25.09	07:46	08:08	WEA08		22	22
26.09	07:47	08:08	WEA08		21	21
27.09	07:47	08:06	WEA08		19	19
28.09	07:48	08:05	WEA08		17	17
29.09	07:50	08:03	WEA08		13	13
30.09	07:52	08:00	WEA08		8	8



Lechterker Straße 70						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
22.03	06:54	06:58	WEA07		4	4
23.03	06:50	07:02	WEA07		12	12
24.03	06:47	07:03	WEA07		16	16
25.03	06:45	07:05	WEA07		20	20
26.03	06:44	07:06	WEA07		22	22
27.03	06:43	07:06	WEA07		23	23
28.03	06:42	07:06	WEA07		24	24
29.03	07:42	08:06	WEA07		24	24
30.03	07:41	08:05	WEA07		24	24
31.03	07:41	08:05	WEA07		24	24
01.04	07:42	08:05	WEA07		23	23
02.04	07:42	08:03	WEA07		21	21
03.04	07:42	08:02	WEA07		20	20
04.04	07:44	08:01	WEA07		17	17
05.04	07:45	07:58	WEA07		13	13
06.04	07:48	07:55	WEA07		7	7
18.04	06:51	07:01	WEA06		10	10
19.04	06:48	07:04	WEA06		16	16
20.04	06:47	07:05	WEA06		18	18
21.04	06:45	07:06	WEA06		21	21
22.04	06:44	07:07	WEA06		23	23
23.04	06:43	07:07	WEA06		24	24
24.04	06:43	07:08	WEA06		25	25
25.04	06:42	07:08	WEA06		26	26
26.04	06:42	07:08	WEA06		26	26
27.04	06:42	07:08	WEA06		26	26
28.04	06:42	07:07	WEA06		25	25
29.04	06:42	07:07	WEA06		25	25
30.04	06:42	07:06	WEA06		24	24
01.05	06:35	06:44	WEA04		9	
	06:42	07:05	WEA06		23	30
02.05	06:31	06:47	WEA04		16	
	06:43	07:04	WEA06		21	33
03.05	06:30	06:50	WEA04		20	
	06:44	07:04	WEA06		20	34
04.05	06:28	06:51	WEA04		23	
	06:45	07:03	WEA06		18	35
05.05	06:26	06:52	WEA04		26	
	06:46	07:01	WEA06		15	35
06.05	06:25	06:53	WEA04		28	
	06:48	06:58	WEA06		10	33
07.05	06:25	06:54	WEA04		29	29
08.05	06:23	06:55	WEA04		32	32
09.05	06:22	06:55	WEA04		33	33
10.05	06:23	06:56	WEA04		33	33
11.05	06:22	06:56	WEA04		34	34
12.05	06:21	06:56	WEA04		35	35
13.05	06:21	06:57	WEA04		36	36
14.05	06:02	06:04	WEA05		2	
	06:20	06:56	WEA04		36	38
15.05	06:00	06:09	WEA05		9	
	06:21	06:57	WEA04		36	45
16.05	05:59	06:11	WEA05		12	
	06:21	06:57	WEA04		36	48
17.05	05:57	06:11	WEA05		14	
	06:20	06:57	WEA04		37	51
18.05	05:56	06:13	WEA05		17	
	06:21	06:57	WEA04		36	53
19.05	05:55	06:14	WEA05		19	
	06:21	06:57	WEA04		36	55

Lechterker Straße 70						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
20.05	05:53	06:14	WEA05		21	
	06:21	06:56	WEA04		35	56
21.05	05:53	06:15	WEA05		22	
	06:21	06:57	WEA04		36	58
22.05	05:53	06:15	WEA05		22	
	06:22	06:57	WEA04		35	57
23.05	05:53	06:16	WEA05		23	
	06:22	06:57	WEA04		35	58
24.05	05:53	06:16	WEA05		23	
	06:23	06:56	WEA04		33	56
25.05	05:52	06:16	WEA05		24	
	06:22	06:55	WEA04		33	57
26.05	05:52	06:16	WEA05		24	
	06:23	06:55	WEA04		32	56
27.05	05:52	06:16	WEA05		24	
	06:23	06:55	WEA04		32	56
28.05	05:52	06:16	WEA05		24	
	06:24	06:54	WEA04		30	54
29.05	05:53	06:17	WEA05		24	
	06:25	06:55	WEA04		30	54
30.05	05:53	06:17	WEA05		24	
	06:25	06:54	WEA04		29	53
31.05	05:53	06:17	WEA05		24	
	06:26	06:54	WEA04		28	52
01.06	05:53	06:17	WEA05		24	
	06:26	06:53	WEA04		27	51
02.06	05:53	06:16	WEA05		23	
	06:27	06:53	WEA04		26	49
03.06	05:54	06:17	WEA05		23	
	06:28	06:53	WEA04		25	48
04.06	05:54	06:17	WEA05		23	
	06:28	06:52	WEA04		24	47
05.06	05:55	06:17	WEA05		22	
	06:30	06:52	WEA04		22	44
06.06	05:55	06:17	WEA05		22	
	06:30	06:51	WEA04		21	43
07.06	05:56	06:17	WEA05		21	
	06:31	06:51	WEA04		20	41
08.06	05:56	06:16	WEA05		20	
	06:32	06:50	WEA04		18	38
09.06	05:57	06:17	WEA05		20	
	06:33	06:50	WEA04		17	37
10.06	05:57	06:16	WEA05		19	
	06:33	06:49	WEA04		16	35
11.06	05:57	06:16	WEA05		19	
	06:34	06:49	WEA04		15	34
12.06	05:58	06:17	WEA05		19	
	06:35	06:49	WEA04		14	33
13.06	05:59	06:17	WEA05		18	
	06:36	06:49	WEA04		13	31
14.06	05:58	06:16	WEA05		18	
	06:36	06:47	WEA04		11	29
15.06	05:59	06:16	WEA05		17	
	06:37	06:47	WEA04		10	27
16.06	05:59	06:16	WEA05		17	
	06:38	06:47	WEA04		9	26
17.06	06:00	06:16	WEA05		16	
	06:39	06:46	WEA04		7	23
18.06	06:00	06:16	WEA05		16	
	06:40	06:46	WEA04		6	22



Lechterker Straße 70						
Datum	Start	Ende	WEA	Min WEA	Min gesamt	
19.06	06:00	06:16	WEA05	16	21	
	06:40	06:45	WEA04	5		
20.06	06:01	06:17	WEA05	16	20	
	06:42	06:46	WEA04	4		
21.06	06:01	06:17	WEA05	16	20	
	06:42	06:46	WEA04	4		
22.06	06:01	06:17	WEA05	16	20	
	06:42	06:46	WEA04	4		
23.06	06:01	06:17	WEA05	16	20	
	06:42	06:46	WEA04	4		
24.06	06:02	06:18	WEA05	16	21	
	06:42	06:47	WEA04	5		
25.06	06:02	06:18	WEA05	16	23	
	06:41	06:48	WEA04	7		
26.06	06:01	06:18	WEA05	17	24	
	06:41	06:48	WEA04	7		
27.06	06:02	06:19	WEA05	17	26	
	06:41	06:50	WEA04	9		
28.06	06:02	06:19	WEA05	17	27	
	06:40	06:50	WEA04	10		
29.06	06:02	06:20	WEA05	18	29	
	06:40	06:51	WEA04	11		
30.06	06:01	06:20	WEA05	19	32	
	06:39	06:52	WEA04	13		
01.07	06:02	06:20	WEA05	18	32	
	06:39	06:53	WEA04	14		
02.07	06:02	06:21	WEA05	19	35	
	06:38	06:54	WEA04	16		
03.07	06:01	06:21	WEA05	20	37	
	06:37	06:54	WEA04	17		
04.07	06:01	06:22	WEA05	21	39	
	06:37	06:55	WEA04	18		
05.07	06:02	06:22	WEA05	20	39	
	06:37	06:56	WEA04	19		
06.07	06:02	06:23	WEA05	21	41	
	06:37	06:57	WEA04	20		
07.07	06:02	06:23	WEA05	21	43	
	06:36	06:58	WEA04	22		
08.07	06:02	06:24	WEA05	22	45	
	06:36	06:59	WEA04	23		
09.07	06:02	06:24	WEA05	22	46	
	06:36	07:00	WEA04	24		
10.07	06:02	06:25	WEA05	23	49	
	06:35	07:01	WEA04	26		
11.07	06:02	06:25	WEA05	23	49	
	06:35	07:01	WEA04	26		
12.07	06:02	06:25	WEA05	23	51	
	06:34	07:02	WEA04	28		
13.07	06:02	06:25	WEA05	23	52	
	06:34	07:03	WEA04	29		
14.07	06:02	06:25	WEA05	23	52	
	06:34	07:03	WEA04	29		
15.07	06:02	06:25	WEA05	23	54	
	06:33	07:04	WEA04	31		
16.07	06:02	06:25	WEA05	23	54	
	06:33	07:04	WEA04	31		
17.07	06:02	06:25	WEA05	23	55	
	06:32	07:04	WEA04	32		
18.07	06:02	06:25	WEA05	23	56	
	06:32	07:05	WEA04	33		

Lechterker Straße 70						
Datum	Start	Ende	WEA	Min WEA	Min gesamt	
19.07	06:03	06:26	WEA05	23	57	
	06:32	07:06	WEA04	34		
20.07	06:03	06:26	WEA05	23	57	
	06:32	07:06	WEA04	34		
21.07	06:03	06:25	WEA05	22	57	
	06:31	07:06	WEA04	35		
22.07	06:03	06:24	WEA05	21	56	
	06:31	07:06	WEA04	35		
23.07	06:04	06:25	WEA05	21	56	
	06:32	07:07	WEA04	35		
24.07	06:04	06:24	WEA05	20	56	
	06:31	07:07	WEA04	36		
25.07	06:06	06:24	WEA05	18	54	
	06:32	07:08	WEA04	36		
26.07	06:07	06:23	WEA05	16	52	
	06:31	07:07	WEA04	36		
27.07	06:08	06:21	WEA05	13	49	
	06:31	07:07	WEA04	36		
28.07	06:10	06:21	WEA05	11	48	
	06:31	07:08	WEA04	37		
29.07	06:11	06:18	WEA05	7	43	
	06:31	07:07	WEA04	36		
30.07	06:32	07:08	WEA04	36	36	
31.07	06:32	07:07	WEA04	35	35	
01.08	06:31	07:06	WEA04	35	35	
02.08	06:32	07:06	WEA04	34	34	
03.08	06:32	07:05	WEA04	33	33	
04.08	06:33	07:05	WEA04	32	32	
05.08	06:33	07:04	WEA04	31	31	
06.08	06:34	07:04	WEA04	30	32	
	07:00	07:06	WEA06	6		
07.08	06:35	07:02	WEA04	27	33	
	06:56	07:08	WEA06	12		
08.08	06:36	07:01	WEA04	25	35	
	06:55	07:11	WEA06	16		
09.08	06:37	06:59	WEA04	22	34	
	06:53	07:11	WEA06	18		
10.08	06:39	06:58	WEA04	19	34	
	06:52	07:13	WEA06	21		
11.08	06:42	06:56	WEA04	14	32	
	06:52	07:14	WEA06	22		
12.08	06:45	06:51	WEA04	6	29	
	06:50	07:14	WEA06	24		
13.08	06:50	07:15	WEA06	25	25	
14.08	06:49	07:14	WEA06	25	25	
15.08	06:49	07:15	WEA06	26	26	
16.08	06:48	07:14	WEA06	26	26	
17.08	06:49	07:14	WEA06	25	25	
18.08	06:48	07:13	WEA06	25	25	
19.08	06:49	07:13	WEA06	24	24	
20.08	06:49	07:13	WEA06	24	24	
21.08	06:49	07:11	WEA06	22	22	
22.08	06:50	07:11	WEA06	21	21	
23.08	06:50	07:09	WEA06	19	19	
24.08	06:52	07:07	WEA06	15	15	
25.08	06:55	07:05	WEA06	10	10	
06.09	07:44	07:50	WEA07	6	6	
07.09	07:40	07:53	WEA07	13	13	
08.09	07:38	07:55	WEA07	17	17	



Lechterker Straße 70						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
09.09	07:37	07:56	WEA07		19	19
10.09	07:35	07:56	WEA07		21	21
11.09	07:34	07:57	WEA07		23	23
12.09	07:33	07:56	WEA07		23	23
13.09	07:33	07:57	WEA07		24	24
14.09	07:33	07:57	WEA07		24	24
15.09	07:32	07:55	WEA07		23	23
16.09	07:32	07:55	WEA07		23	23
17.09	07:33	07:54	WEA07		21	21
18.09	07:32	07:52	WEA07		20	20
19.09	07:34	07:51	WEA07		17	17
20.09	07:35	07:49	WEA07		14	14
21.09	07:38	07:45	WEA07		7	7

Im Großen Felde 78						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
13.03	07:15	07:20	WEA07		5	5
14.03	07:10	07:23	WEA07		13	13
15.03	07:09	07:25	WEA07		16	16
16.03	07:07	07:27	WEA07		20	20
17.03	07:05	07:27	WEA07		22	22
18.03	07:05	07:28	WEA07		23	23
19.03	07:04	07:27	WEA07		23	23
20.03	07:03	07:27	WEA07		24	24
21.03	07:04	07:27	WEA07		23	23
22.03	07:03	07:26	WEA07		23	23
23.03	07:03	07:26	WEA07		23	23
24.03	07:03	07:24	WEA07		21	21
25.03	07:04	07:23	WEA07		19	19
26.03	07:06	07:22	WEA07		16	16
27.03	07:07	07:19	WEA07		12	12
08.04	07:13	07:24	WEA06		11	11
09.04	07:11	07:27	WEA06		16	16
10.04	07:09	07:28	WEA06		19	19
11.04	07:08	07:29	WEA06		21	21
12.04	07:06	07:29	WEA06		23	23
13.04	07:05	07:30	WEA06		25	25
14.04	07:05	07:30	WEA06		25	25
15.04	07:04	07:30	WEA06		26	26
16.04	07:04	07:30	WEA06		26	
	07:10	07:13	WEA04		3	26
17.04	07:03	07:17	WEA04		14	
	07:03	07:29	WEA06		26	26
18.04	07:00	07:20	WEA04		20	
	07:03	07:29	WEA06		26	29
19.04	06:58	07:22	WEA04		24	
	07:04	07:28	WEA06		24	30
20.04	06:56	07:23	WEA04		27	
	07:04	07:28	WEA06		24	32
21.04	06:55	07:24	WEA04		29	
	07:05	07:27	WEA06		22	32
22.04	06:54	07:25	WEA04		31	
	07:06	07:26	WEA06		20	32
23.04	06:53	07:26	WEA04		33	
	07:07	07:24	WEA06		17	33
24.04	06:52	07:26	WEA04		34	
	07:08	07:22	WEA06		14	34
25.04	06:51	07:27	WEA04		36	
	07:11	07:19	WEA06		8	36
26.04	06:51	07:27	WEA04		36	36
27.04	06:50	07:27	WEA04		37	37
28.04	06:50	07:27	WEA04		37	37
29.04	06:50	07:27	WEA04		37	37
30.04	06:49	07:26	WEA04		37	37
01.05	06:49	07:26	WEA04		37	37
02.05	06:49	07:26	WEA04		37	37
03.05	06:50	07:26	WEA04		36	36
04.05	06:19	06:25	WEA05		6	
	06:50	07:25	WEA04		35	41
05.05	06:16	06:28	WEA05		12	
	06:50	07:25	WEA04		35	47
06.05	06:14	06:29	WEA05		15	
	06:50	07:24	WEA04		34	49
07.05	06:13	06:31	WEA05		18	
	06:51	07:24	WEA04		33	51

Im Großen Felde 78						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
08.05	06:12	06:32	WEA05		20	
	06:52	07:22	WEA04		30	50
09.05	06:11	06:32	WEA05		21	
	06:52	07:21	WEA04		29	50
10.05	06:11	06:33	WEA05		22	
	06:54	07:21	WEA04		27	49
11.05	06:10	06:33	WEA05		23	
	06:54	07:19	WEA04		25	48
12.05	06:09	06:33	WEA05		24	
	06:55	07:17	WEA04		22	46
13.05	06:09	06:34	WEA05		25	
	06:57	07:16	WEA04		19	44
14.05	06:09	06:33	WEA05		24	
	06:58	07:14	WEA04		16	40
15.05	06:09	06:34	WEA05		25	
	07:01	07:12	WEA04		11	36
16.05	06:10	06:34	WEA05		24	24
17.05	06:09	06:33	WEA05		24	
	06:35	06:43	WEA01		8	32
18.05	06:10	06:33	WEA05		23	
	06:31	06:48	WEA01		17	38
19.05	06:09	06:32	WEA05		23	
	06:27	06:50	WEA01		23	41
20.05	06:10	06:32	WEA05		22	
	06:25	06:52	WEA01		27	42
21.05	06:11	06:32	WEA05		21	
	06:24	06:54	WEA01		30	43
22.05	06:12	06:32	WEA05		20	
	06:23	06:56	WEA01		33	44
23.05	06:12	06:32	WEA05		20	
	06:22	06:58	WEA01		36	46
24.05	06:13	06:31	WEA05		18	
	06:21	06:59	WEA01		38	46
25.05	06:13	06:29	WEA05		16	
	06:19	06:59	WEA01		40	46
26.05	06:14	06:29	WEA05		15	
	06:18	07:00	WEA01		42	46
27.05	06:16	06:28	WEA05		12	
	06:18	07:01	WEA01		43	45
28.05	06:17	07:02	WEA01		45	
	06:17	06:26	WEA05		9	45
29.05	06:17	07:03	WEA01		46	
	06:21	06:25	WEA05		4	46
30.05	06:17	07:04	WEA01		47	47
31.05	06:16	07:04	WEA01		48	48
01.06	06:16	07:05	WEA01		49	49
02.06	06:15	07:05	WEA01		50	50
03.06	06:15	07:06	WEA01		51	51
04.06	06:15	07:07	WEA01		52	52
05.06	06:15	07:08	WEA01		53	53
06.06	06:15	07:08	WEA01		53	53
07.06	06:15	07:09	WEA01		54	54
08.06	06:15	07:08	WEA01		53	53
09.06	06:15	07:09	WEA01		54	54
10.06	06:14	07:09	WEA01		55	55
11.06	06:15	07:10	WEA01		55	55
12.06	06:15	07:10	WEA01		55	55
13.06	06:15	07:11	WEA01		56	56
14.06	06:14	07:10	WEA01		56	56



Im Großen Felde 78						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
15.06	05:50	05:55	WEA02		5	61
	06:15	07:11	WEA01		56	
16.06	05:49	05:56	WEA02		7	63
	06:15	07:11	WEA01		56	
17.06	05:48	05:57	WEA02		9	65
	06:15	07:11	WEA01		56	
18.06	05:48	05:58	WEA02		10	66
	06:15	07:11	WEA01		56	
19.06	05:48	05:58	WEA02		10	67
	06:15	07:12	WEA01		57	
20.06	05:49	05:59	WEA02		10	67
	06:16	07:13	WEA01		57	
21.06	05:49	06:00	WEA02		11	68
	06:16	07:13	WEA01		57	
22.06	05:49	05:59	WEA02		10	67
	06:16	07:13	WEA01		57	
23.06	05:49	05:59	WEA02		10	67
	06:16	07:13	WEA01		57	
24.06	05:50	06:00	WEA02		10	67
	06:17	07:14	WEA01		57	
25.06	05:50	05:59	WEA02		9	65
	06:17	07:13	WEA01		56	
26.06	05:51	05:59	WEA02		8	64
	06:17	07:13	WEA01		56	
27.06	05:52	05:58	WEA02		6	62
	06:18	07:14	WEA01		56	
28.06	05:54	05:57	WEA02		3	58
	06:18	07:13	WEA01		55	
29.06	06:18	07:14	WEA01		56	56
30.06	06:18	07:13	WEA01		55	55
01.07	06:19	07:14	WEA01		55	55
02.07	06:19	07:14	WEA01		55	55
03.07	06:19	07:13	WEA01		54	54
04.07	06:20	07:14	WEA01		54	54
05.07	06:20	07:14	WEA01		54	54
06.07	06:21	07:14	WEA01		53	53
07.07	06:22	07:14	WEA01		52	52
08.07	06:22	07:14	WEA01		52	52
09.07	06:23	07:14	WEA01		51	51
10.07	06:23	07:14	WEA01		51	51
11.07	06:24	07:13	WEA01		49	49
12.07	06:24	07:13	WEA01		49	49
13.07	06:25	07:13	WEA01		48	48
14.07	06:26	07:12	WEA01		46	46
15.07	06:26	07:11	WEA01		45	45
	06:28	06:35	WEA05		7	
16.07	06:26	06:36	WEA05		10	45
	06:27	07:11	WEA01		44	
17.07	06:24	06:38	WEA05		14	46
	06:27	07:10	WEA01		43	
18.07	06:23	06:39	WEA05		16	46
	06:28	07:09	WEA01		41	
19.07	06:23	06:40	WEA05		17	46
	06:30	07:09	WEA01		39	
20.07	06:22	06:41	WEA05		19	46
	06:31	07:08	WEA01		37	
21.07	06:21	06:41	WEA05		20	45
	06:32	07:06	WEA01		34	
22.07	06:21	06:42	WEA05		21	44
	06:33	07:05	WEA01		32	

Im Großen Felde 78						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
23.07	06:21	06:43	WEA05		22	43
	06:35	07:04	WEA01		29	
24.07	06:20	06:43	WEA05		23	42
	06:37	07:02	WEA01		25	
25.07	06:21	06:44	WEA05		23	39
	06:40	07:00	WEA01		20	
26.07	06:20	06:44	WEA05		24	36
	06:43	06:56	WEA01		13	
27.07	06:19	06:44	WEA05		25	25
28.07	06:20	06:44	WEA05		24	30
	07:14	07:20	WEA04		6	
29.07	06:19	06:44	WEA05		25	39
	07:10	07:24	WEA04		14	
30.07	06:20	06:44	WEA05		24	41
	07:09	07:26	WEA04		17	
31.07	06:20	06:44	WEA05		24	45
	07:07	07:28	WEA04		21	
01.08	06:19	06:43	WEA05		24	47
	07:05	07:28	WEA04		23	
02.08	06:20	06:43	WEA05		23	49
	07:04	07:30	WEA04		26	
03.08	06:20	06:42	WEA05		22	50
	07:03	07:31	WEA04		28	
04.08	06:21	06:42	WEA05		21	51
	07:02	07:32	WEA04		30	
05.08	06:21	06:41	WEA05		20	51
	07:01	07:32	WEA04		31	
06.08	06:23	06:40	WEA05		17	49
	07:01	07:33	WEA04		32	
07.08	06:24	06:38	WEA05		14	48
	06:59	07:33	WEA04		34	
08.08	06:26	06:37	WEA05		11	46
	06:59	07:34	WEA04		35	
09.08	06:29	06:32	WEA05		3	39
	06:58	07:34	WEA04		36	
10.08	06:58	07:35	WEA04		37	37
11.08	06:58	07:35	WEA04		37	37
12.08	06:58	07:35	WEA04		37	37
13.08	06:58	07:35	WEA04		37	37
14.08	06:57	07:34	WEA04		37	37
15.08	06:57	07:34	WEA04		37	37
16.08	06:57	07:33	WEA04		36	36
17.08	06:57	07:33	WEA04		36	36
18.08	06:57	07:32	WEA04		35	35
	07:16	07:25	WEA06		9	
19.08	06:58	07:32	WEA04		34	34
	07:14	07:28	WEA06		14	
20.08	06:59	07:31	WEA04		32	32
	07:12	07:30	WEA06		18	
21.08	06:59	07:30	WEA04		31	31
	07:10	07:30	WEA06		20	
22.08	07:00	07:29	WEA04		29	32
	07:09	07:32	WEA06		23	
23.08	07:00	07:27	WEA04		27	31
	07:08	07:31	WEA06		23	
24.08	07:02	07:25	WEA04		23	30
	07:07	07:32	WEA06		25	
25.08	07:04	07:23	WEA04		19	29
	07:07	07:33	WEA06		26	



Im Großen Felde 78						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
26.08	07:06	07:20	WEA04		14	26
	07:06	07:32	WEA06		26	
27.08	07:06	07:32	WEA06		26	26
28.08	07:05	07:31	WEA06		26	26
29.08	07:06	07:31	WEA06		25	25
30.08	07:05	07:30	WEA06		25	25
31.08	07:06	07:29	WEA06		23	23
01.09	07:07	07:28	WEA06		21	21
02.09	07:07	07:26	WEA06		19	19
03.09	07:09	07:25	WEA06		16	16
04.09	07:10	07:21	WEA06		11	11
16.09	07:57	08:07	WEA07		10	10
17.09	07:55	08:10	WEA07		15	15
18.09	07:52	08:10	WEA07		18	18
19.09	07:51	08:11	WEA07		20	20
20.09	07:50	08:12	WEA07		22	22
21.09	07:49	08:12	WEA07		23	23
22.09	07:48	08:12	WEA07		24	24
23.09	07:48	08:12	WEA07		24	24
24.09	07:47	08:11	WEA07		24	24
25.09	07:47	08:10	WEA07		23	23
26.09	07:48	08:10	WEA07		22	22
27.09	07:48	08:08	WEA07		20	20
28.09	07:49	08:07	WEA07		18	18
29.09	07:50	08:05	WEA07		15	15
30.09	07:53	08:02	WEA07		9	9



Lechterker Straße 43					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
06.04	07:16	07:22	WEA06	6	6
07.04	07:14	07:25	WEA06	11	11
08.04	07:11	07:25	WEA06	14	14
09.04	07:09	07:26	WEA06	17	17
10.04	07:07	07:27	WEA06	20	20
11.04	07:07	07:28	WEA06	21	21
12.04	07:06	07:16	WEA04	10	21
	07:06	07:27	WEA06	21	
13.04	07:03	07:19	WEA04	16	24
	07:05	07:27	WEA06	22	
14.04	07:01	07:20	WEA04	19	25
	07:06	07:26	WEA06	20	
15.04	07:00	07:22	WEA04	22	26
	07:06	07:26	WEA06	20	
16.04	06:59	07:23	WEA04	24	26
	07:06	07:25	WEA06	19	
17.04	06:57	07:22	WEA04	25	26
	07:06	07:23	WEA06	17	
18.04	06:56	07:23	WEA04	27	27
	07:07	07:22	WEA06	15	
19.04	06:56	07:23	WEA04	27	27
	07:09	07:20	WEA06	11	
20.04	06:55	07:23	WEA04	28	28
21.04	06:55	07:23	WEA04	28	28
22.04	06:55	07:23	WEA04	28	28
23.04	06:55	07:23	WEA04	28	28
24.04	06:55	07:22	WEA04	27	27
25.04	06:56	07:22	WEA04	26	26
26.04	06:56	07:21	WEA04	25	25
27.04	06:57	07:20	WEA04	23	23
28.04	06:45	06:55	WEA01	10	31
	06:57	07:18	WEA04	21	
29.04	06:41	06:58	WEA01	17	36
	06:58	07:17	WEA04	19	
30.04	06:38	07:00	WEA01	22	37
	07:00	07:15	WEA04	15	
01.05	06:36	07:02	WEA01	26	36
	07:02	07:12	WEA04	10	
02.05	06:35	07:03	WEA01	28	28
03.05	06:34	07:05	WEA01	31	31
04.05	06:33	07:05	WEA01	32	32
05.05	06:32	07:06	WEA01	34	34
06.05	06:31	07:06	WEA01	35	35
07.05	06:31	07:07	WEA01	36	36
08.05	06:30	07:07	WEA01	37	37
09.05	06:29	07:07	WEA01	38	38
10.05	06:29	07:08	WEA01	39	39
11.05	06:29	07:08	WEA01	39	39
12.05	06:28	07:08	WEA01	40	40
13.05	06:28	07:08	WEA01	40	40
14.05	06:28	07:08	WEA01	40	40
15.05	06:06	06:10	WEA02	4	44
	06:28	07:08	WEA01	40	
16.05	06:03	06:14	WEA02	11	51
	06:29	07:09	WEA01	40	
17.05	06:00	06:16	WEA02	16	56
	06:28	07:08	WEA01	40	
18.05	05:59	06:17	WEA02	18	57
	06:29	07:08	WEA01	39	

Lechterker Straße 43					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
19.05	05:59	06:19	WEA02	20	59
	06:29	07:08	WEA01	39	
20.05	05:57	06:19	WEA02	22	60
	06:29	07:07	WEA01	38	
21.05	05:57	06:20	WEA02	23	61
	06:29	07:07	WEA01	38	
22.05	05:56	06:21	WEA02	25	62
	06:30	07:07	WEA01	37	
23.05	05:56	06:22	WEA02	26	63
	06:30	07:07	WEA01	37	
24.05	05:56	06:22	WEA02	26	62
	06:31	07:07	WEA01	36	
25.05	05:55	06:22	WEA02	27	63
	06:30	07:06	WEA01	36	
26.05	05:54	06:22	WEA02	28	63
	06:31	07:06	WEA01	35	
27.05	05:54	06:22	WEA02	28	62
	06:31	07:05	WEA01	34	
28.05	05:55	06:24	WEA02	29	62
	06:33	07:06	WEA01	33	
29.05	05:55	06:24	WEA02	29	61
	06:33	07:05	WEA01	32	
30.05	05:55	06:24	WEA02	29	60
	06:34	07:05	WEA01	31	
31.05	05:55	06:24	WEA02	29	59
	06:34	07:04	WEA01	30	
01.06	05:55	06:24	WEA02	29	58
	06:35	07:04	WEA01	29	
02.06	05:55	06:24	WEA02	29	57
	06:35	07:03	WEA01	28	
03.06	05:55	06:25	WEA02	30	56
	06:37	07:03	WEA01	26	
04.06	05:55	06:25	WEA02	30	55
	06:37	07:02	WEA01	25	
05.06	05:56	06:25	WEA02	29	53
	06:38	07:02	WEA01	24	
06.06	05:56	06:25	WEA02	29	51
	06:39	07:01	WEA01	22	
07.06	05:57	06:25	WEA02	28	49
	06:40	07:01	WEA01	21	
08.06	05:56	06:25	WEA02	29	49
	06:40	07:00	WEA01	20	
09.06	05:57	06:26	WEA02	29	47
	06:42	07:00	WEA01	18	
10.06	05:56	06:25	WEA02	29	46
	06:42	06:59	WEA01	17	
11.06	05:57	06:25	WEA02	28	44
	06:43	06:59	WEA01	16	
12.06	05:58	06:26	WEA02	28	43
	06:44	06:59	WEA01	15	
13.06	05:58	06:26	WEA02	28	41
	06:45	06:58	WEA01	13	
14.06	05:57	06:25	WEA02	28	40
	06:45	06:57	WEA01	12	
15.06	05:58	06:26	WEA02	28	39
	06:46	06:57	WEA01	11	
16.06	05:58	06:26	WEA02	28	37
	06:47	06:56	WEA01	9	
17.06	05:58	06:26	WEA02	28	36
	06:48	06:56	WEA01	8	



Lechterker Straße 43					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
18.06	05:59	06:26	WEA02	27	33
	06:49	06:55	WEA01	6	
19.06	05:59	06:26	WEA02	27	33
	06:49	06:55	WEA01	6	
20.06	06:00	06:27	WEA02	27	32
	06:51	06:56	WEA01	5	
21.06	06:00	06:27	WEA02	27	31
	06:51	06:55	WEA01	4	
22.06	06:00	06:27	WEA02	27	32
	06:51	06:56	WEA01	5	
23.06	06:00	06:27	WEA02	27	32
	06:51	06:56	WEA01	5	
24.06	06:01	06:28	WEA02	27	33
	06:51	06:57	WEA01	6	
25.06	06:01	06:28	WEA02	27	35
	06:50	06:58	WEA01	8	
26.06	06:00	06:28	WEA02	28	37
	06:49	06:58	WEA01	9	
27.06	06:01	06:29	WEA02	28	37
	06:50	06:59	WEA01	9	
28.06	06:01	06:29	WEA02	28	39
	06:49	07:00	WEA01	11	
29.06	06:01	06:29	WEA02	28	40
	06:49	07:01	WEA01	12	
30.06	06:01	06:29	WEA02	28	42
	06:48	07:02	WEA01	14	
01.07	06:01	06:30	WEA02	29	45
	06:47	07:03	WEA01	16	
02.07	06:02	06:30	WEA02	28	45
	06:47	07:04	WEA01	17	
03.07	06:02	06:31	WEA02	29	47
	06:47	07:05	WEA01	18	
04.07	06:01	06:30	WEA02	29	48
	06:46	07:05	WEA01	19	
05.07	06:02	06:31	WEA02	29	49
	06:46	07:06	WEA01	20	
06.07	06:02	06:31	WEA02	29	51
	06:45	07:07	WEA01	22	
07.07	06:02	06:32	WEA02	30	53
	06:45	07:08	WEA01	23	
08.07	06:03	06:32	WEA02	29	53
	06:45	07:09	WEA01	24	
09.07	06:03	06:32	WEA02	29	55
	06:44	07:10	WEA01	26	
10.07	06:03	06:32	WEA02	29	56
	06:44	07:11	WEA01	27	
11.07	06:03	06:32	WEA02	29	58
	06:43	07:12	WEA01	29	
12.07	06:03	06:32	WEA02	29	58
	06:43	07:12	WEA01	29	
13.07	06:03	06:32	WEA02	29	60
	06:42	07:13	WEA01	31	
14.07	06:04	06:32	WEA02	28	60
	06:42	07:14	WEA01	32	
15.07	06:04	06:32	WEA02	28	60
	06:42	07:14	WEA01	32	
16.07	06:04	06:32	WEA02	28	62
	06:41	07:15	WEA01	34	
17.07	06:04	06:32	WEA02	28	62
	06:41	07:15	WEA01	34	

Lechterker Straße 43					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
18.07	06:04	06:31	WEA02	27	62
	06:40	07:15	WEA01	35	
19.07	06:05	06:32	WEA02	27	64
	06:40	07:17	WEA01	37	
20.07	06:05	06:31	WEA02	26	63
	06:40	07:17	WEA01	37	
21.07	06:06	06:31	WEA02	25	63
	06:39	07:17	WEA01	38	
22.07	06:07	06:31	WEA02	24	62
	06:40	07:18	WEA01	38	
23.07	06:07	06:30	WEA02	23	62
	06:39	07:18	WEA01	39	
24.07	06:08	06:29	WEA02	21	60
	06:39	07:18	WEA01	39	
25.07	06:09	06:29	WEA02	20	60
	06:39	07:19	WEA01	40	
26.07	06:10	06:27	WEA02	17	57
	06:39	07:19	WEA01	40	
27.07	06:12	06:25	WEA02	13	53
	06:38	07:18	WEA01	40	
28.07	06:14	06:23	WEA02	9	49
	06:39	07:19	WEA01	40	
29.07	06:39	07:19	WEA01	40	40
30.07	06:39	07:19	WEA01	40	40
31.07	06:39	07:19	WEA01	40	40
01.08	06:38	07:18	WEA01	40	40
02.08	06:39	07:18	WEA01	39	39
03.08	06:39	07:18	WEA01	39	39
04.08	06:40	07:18	WEA01	38	38
05.08	06:39	07:17	WEA01	38	38
06.08	06:40	07:17	WEA01	37	37
07.08	06:40	07:15	WEA01	35	35
08.08	06:41	07:15	WEA01	34	34
09.08	06:42	07:13	WEA01	31	31
10.08	06:43	07:13	WEA01	30	30
11.08	06:44	07:12	WEA01	28	32
	07:14	07:18	WEA04	4	
12.08	06:45	07:10	WEA01	25	37
	07:10	07:22	WEA04	12	
13.08	06:47	07:08	WEA01	21	37
	07:08	07:24	WEA04	16	
14.08	06:49	07:05	WEA01	16	36
	07:05	07:25	WEA04	20	
15.08	06:54	07:01	WEA01	7	28
	07:05	07:26	WEA04	21	
16.08	07:03	07:26	WEA04	23	23
17.08	07:02	07:27	WEA04	25	25
18.08	07:01	07:27	WEA04	26	26
19.08	07:01	07:28	WEA04	27	27
20.08	07:01	07:28	WEA04	27	27
21.08	07:00	07:28	WEA04	28	28
22.08	07:00	07:28	WEA04	28	28
23.08	06:59	07:27	WEA04	28	28
	07:16	07:20	WEA06	4	
24.08	07:00	07:27	WEA04	27	27
	07:13	07:24	WEA06	11	
25.08	07:00	07:27	WEA04	27	27
	07:11	07:26	WEA06	15	
26.08	07:00	07:25	WEA04	25	26
	07:09	07:26	WEA06	17	



Lechterker Straße 43						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
27.08	07:01	07:24	WEA04		23	26
	07:08	07:27	WEA06		19	
28.08	07:01	07:22	WEA04		21	26
	07:07	07:27	WEA06		20	
29.08	07:02	07:21	WEA04		19	25
	07:06	07:27	WEA06		21	
30.08	07:04	07:19	WEA04		15	24
	07:06	07:28	WEA06		22	
31.08	07:05	07:27	WEA06		22	22
	07:07	07:15	WEA04		8	
01.09	07:06	07:26	WEA06		20	20
02.09	07:05	07:25	WEA06		20	20
03.09	07:07	07:24	WEA06		17	17
04.09	07:09	07:23	WEA06		14	14
05.09	07:10	07:21	WEA06		11	11
06.09	07:12	07:18	WEA06		6	6

Wohldstraße 7						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
23.03	06:52	07:01	WEA01		9	9
24.03	06:49	07:04	WEA01		15	15
25.03	06:46	07:05	WEA01		19	19
26.03	06:45	07:06	WEA01		21	21
27.03	06:43	07:06	WEA01		23	23
28.03	06:42	07:07	WEA01		25	25
29.03	07:42	08:07	WEA01		25	25
30.03	07:41	08:07	WEA01		26	26
31.03	07:41	08:07	WEA01		26	26
01.04	07:41	08:07	WEA01		26	26
02.04	07:40	08:05	WEA01		25	25
03.04	07:41	08:05	WEA01		24	24
04.04	07:41	08:04	WEA01		23	23
05.04	07:41	08:02	WEA01		21	21
06.04	07:43	08:00	WEA01		17	17
07.04	07:45	07:58	WEA01		13	13
08.04	07:48	07:54	WEA01		6	6
09.04	07:09	07:14	WEA02		5	5
10.04	07:07	07:17	WEA02		10	10
11.04	07:05	07:19	WEA02		14	14
12.04	07:02	07:19	WEA02		17	17
13.04	07:00	07:20	WEA02		20	20
14.04	06:59	07:20	WEA02		21	21
15.04	06:59	07:21	WEA02		22	22
16.04	06:59	07:21	WEA02		22	22
17.04	06:58	07:19	WEA02		21	21
18.04	06:58	07:19	WEA02		21	21
19.04	06:58	07:18	WEA02		20	20
20.04	06:59	07:18	WEA02		19	19
21.04	07:00	07:16	WEA02		16	16
22.04	06:46	06:51	Bad01		5	
	07:01	07:15	WEA02		14	19
23.04	06:42	06:54	Bad01		12	
	07:03	07:12	WEA02		9	21
24.04	06:41	06:55	Bad01		14	14
25.04	06:39	06:56	Bad01		17	17
26.04	06:38	06:57	Bad01		19	19
27.04	06:37	06:57	Bad01		20	20
28.04	06:37	06:58	Bad01		21	21
29.04	06:36	06:57	Bad01		21	21
30.04	06:36	06:57	Bad01		21	21
01.05	06:36	06:57	Bad01		21	21
02.05	06:36	06:56	Bad01		20	20
03.05	06:37	06:57	Bad01		20	20
04.05	06:37	06:56	Bad01		19	19
05.05	06:38	06:54	Bad01		16	16
06.05	06:39	06:53	Bad01		14	14
07.05	06:41	06:52	Bad01		11	11
08.05	06:43	06:49	Bad01		6	6
05.08	06:51	07:00	Bad01		9	9
06.08	06:50	07:02	Bad01		12	12
07.08	06:48	07:03	Bad01		15	15
08.08	06:47	07:04	Bad01		17	17
09.08	06:46	07:04	Bad01		18	18
10.08	06:45	07:05	Bad01		20	20
11.08	06:45	07:06	Bad01		21	21
12.08	06:44	07:05	Bad01		21	21
13.08	06:45	07:06	Bad01		21	21
14.08	06:44	07:05	Bad01		21	21

Wohldstraße 7						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
15.08	06:44	07:05	Bad01		21	21
16.08	06:44	07:04	Bad01		20	20
17.08	06:45	07:03	Bad01		18	18
18.08	06:46	07:03	Bad01		17	17
19.08	06:46	07:01	Bad01		15	15
20.08	06:48	06:59	Bad01		11	
	07:08	07:19	WEA02		11	22
21.08	06:52	06:54	Bad01		2	
	07:06	07:20	WEA02		14	16
22.08	07:04	07:21	WEA02		17	17
23.08	07:03	07:21	WEA02		18	18
24.08	07:02	07:22	WEA02		20	20
25.08	07:02	07:23	WEA02		21	21
26.08	07:01	07:22	WEA02		21	21
27.08	07:01	07:22	WEA02		21	21
28.08	07:00	07:21	WEA02		21	21
29.08	07:00	07:21	WEA02		21	21
30.08	07:01	07:21	WEA02		20	20
31.08	07:02	07:19	WEA02		17	17
01.09	07:04	07:18	WEA02		14	14
02.09	07:05	07:15	WEA02		10	10
03.09	07:07	07:12	WEA02		5	5
04.09	07:46	07:52	WEA01		6	6
05.09	07:41	07:54	WEA01		13	13
06.09	07:39	07:56	WEA01		17	17
07.09	07:37	07:57	WEA01		20	20
08.09	07:36	07:58	WEA01		22	22
09.09	07:35	07:59	WEA01		24	24
10.09	07:33	07:58	WEA01		25	25
11.09	07:33	07:59	WEA01		26	26
12.09	07:32	07:58	WEA01		26	26
13.09	07:32	07:58	WEA01		26	26
14.09	07:32	07:58	WEA01		26	26
15.09	07:32	07:56	WEA01		24	24
16.09	07:32	07:56	WEA01		24	24
17.09	07:33	07:55	WEA01		22	22
18.09	07:33	07:53	WEA01		20	20
19.09	07:35	07:51	WEA01		16	16
20.09	07:37	07:48	WEA01		11	11



Trentlager Weg 29						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.02	08:40	08:47	WEA01		7	7
03.02	08:37	08:49	WEA01		12	12
04.02	08:36	08:52	WEA01		16	16
05.02	08:35	08:53	WEA01		18	18
06.02	08:34	08:54	WEA01		20	20
07.02	08:33	08:55	WEA01		22	22
08.02	08:33	08:55	WEA01		22	22
09.02	08:32	08:56	WEA01		24	24
10.02	08:32	08:56	WEA01		24	24
11.02	08:32	08:56	WEA01		24	24
12.02	08:32	08:56	WEA01		24	24
13.02	08:32	08:56	WEA01		24	24
14.02	08:33	08:55	WEA01		22	22
15.02	08:33	08:55	WEA01		22	22
16.02	08:34	08:54	WEA01		20	20
17.02	08:35	08:53	WEA01		18	18
18.02	08:37	08:52	WEA01		15	15
19.02	08:40	08:49	WEA01		9	9
23.02	08:05	08:06	Bad01		1	1
24.02	08:00	08:11	Bad01		11	11
25.02	07:57	08:12	Bad01		15	15
26.02	07:56	08:14	Bad01		18	18
27.02	07:48	07:57	WEA02		9	
	07:55	08:15	Bad01		20	27
28.02	07:46	07:59	WEA02		13	
	07:55	08:15	Bad01		20	29
29.02	07:43	08:00	WEA02		17	
	07:53	08:15	Bad01		22	32
01.03	07:41	08:01	WEA02		20	
	07:53	08:15	Bad01		22	34
02.03	07:41	08:02	WEA02		21	
	07:54	08:15	Bad01		21	34
03.03	07:40	08:01	WEA02		21	
	07:53	08:14	Bad01		21	34
04.03	07:40	08:02	WEA02		22	
	07:54	08:13	Bad01		19	33
05.03	07:40	08:02	WEA02		22	
	07:55	08:13	Bad01		18	33
06.03	07:39	08:00	WEA02		21	
	07:55	08:10	Bad01		15	31
07.03	07:40	08:00	WEA02		20	
	07:57	08:09	Bad01		12	29
08.03	07:41	07:59	WEA02		18	
	08:01	08:04	Bad01		3	21
09.03	07:41	07:57	WEA02		16	16
10.03	07:43	07:55	WEA02		12	12
11.03	07:46	07:52	WEA02		6	6
03.10	08:22	08:32	WEA02		10	10
04.10	08:20	08:34	WEA02		14	14
05.10	08:17	08:35	WEA02		18	18
06.10	08:16	08:36	WEA02		20	
	08:34	08:43	Bad01		9	27
07.10	08:15	08:36	WEA02		21	
	08:32	08:46	Bad01		14	31
08.10	08:15	08:37	WEA02		22	
	08:30	08:47	Bad01		17	32
09.10	08:15	08:37	WEA02		22	
	08:29	08:48	Bad01		19	33
10.10	08:14	08:35	WEA02		21	
	08:27	08:48	Bad01		21	34

Trentlager Weg 29						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
11.10	08:14	08:35	WEA02		21	
	08:27	08:48	Bad01		21	34
12.10	08:14	08:35	WEA02		21	
	08:27	08:48	Bad01		21	34
13.10	08:15	08:34	WEA02		19	
	08:27	08:48	Bad01		21	33
14.10	08:17	08:33	WEA02		16	
	08:27	08:48	Bad01		21	31
15.10	08:19	08:31	WEA02		12	
	08:27	08:47	Bad01		20	28
16.10	08:21	08:28	WEA02		7	
	08:28	08:46	Bad01		18	25
17.10	08:28	08:44	Bad01		16	16
18.10	08:29	08:43	Bad01		14	14
19.10	08:31	08:40	Bad01		9	9
24.10	09:08	09:19	WEA01		11	11
25.10	08:06	08:21	WEA01		15	15
26.10	08:05	08:23	WEA01		18	18
27.10	08:04	08:24	WEA01		20	20
28.10	08:03	08:25	WEA01		22	22
29.10	08:02	08:25	WEA01		23	23
30.10	08:02	08:25	WEA01		23	23
31.10	08:02	08:26	WEA01		24	24
01.11	08:02	08:26	WEA01		24	24
02.11	08:02	08:26	WEA01		24	24
03.11	08:02	08:25	WEA01		23	23
04.11	08:02	08:25	WEA01		23	23
05.11	08:03	08:24	WEA01		21	21
06.11	08:04	08:24	WEA01		20	20
07.11	08:05	08:23	WEA01		18	18
08.11	08:06	08:22	WEA01		16	16
09.11	08:08	08:20	WEA01		12	12
10.11	08:11	08:17	WEA01		6	6



Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	09:13	09:25	WEA04		12	54
	09:35	09:57	Bad01		22	
	09:49	10:17	WEA01		28	
02.01	09:13	09:27	WEA04		14	57
	09:35	09:58	Bad01		23	
	09:50	10:18	WEA01		28	
03.01	09:13	09:28	WEA04		15	58
	09:35	09:59	Bad01		24	
	09:51	10:18	WEA01		27	
04.01	09:12	09:28	WEA04		16	59
	09:35	09:59	Bad01		24	
	09:51	10:18	WEA01		27	
05.01	09:12	09:29	WEA04		17	60
	09:35	10:00	Bad01		25	
	09:52	10:18	WEA01		26	
06.01	09:12	09:30	WEA04		18	61
	09:36	10:02	Bad01		26	
	09:53	10:19	WEA01		26	
07.01	09:12	09:31	WEA04		19	62
	09:36	10:02	Bad01		26	
	09:53	10:19	WEA01		26	
08.01	09:11	09:31	WEA04		20	63
	09:35	10:02	Bad01		27	
	09:53	10:18	WEA01		25	
09.01	09:12	09:33	WEA04		21	64
	09:36	10:03	Bad01		27	
	09:55	10:19	WEA01		24	
10.01	09:12	09:33	WEA04		21	64
	09:36	10:04	Bad01		28	
	09:55	10:19	WEA01		24	
11.01	09:12	09:34	WEA04		22	64
	09:36	10:04	Bad01		28	
	09:56	10:18	WEA01		22	
12.01	09:13	09:35	WEA04		22	64
	09:37	10:06	Bad01		29	
	09:58	10:19	WEA01		21	
13.01	09:13	09:35	WEA04		22	63
	09:37	10:06	Bad01		29	
	09:59	10:18	WEA01		19	
14.01	09:13	09:36	WEA04		23	64
	09:37	10:07	Bad01		30	
	10:00	10:18	WEA01		18	
15.01	09:13	09:36	WEA04		23	63
	09:37	10:07	Bad01		30	
	10:02	10:17	WEA01		15	
16.01	09:13	09:37	WEA04		24	63
	09:37	10:08	Bad01		31	
	10:03	10:16	WEA01		13	
17.01	09:14	09:37	WEA04		23	59
	09:38	10:08	Bad01		30	
	10:06	10:14	WEA01		8	
18.01	09:13	09:37	WEA04		24	54
	09:37	10:07	Bad01		30	
19.01	09:14	09:37	WEA04		23	53
	09:38	10:08	Bad01		30	
20.01	09:15	09:38	WEA04		23	53
	09:38	10:08	Bad01		30	
21.01	09:15	09:38	WEA04		23	53
	09:39	10:09	Bad01		30	

Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
22.01	09:15	09:37	WEA04		22	51
	09:39	10:08	Bad01		29	
23.01	09:16	09:38	WEA04		22	51
	09:40	10:09	Bad01		29	
24.01	09:17	09:38	WEA04		21	49
	09:41	10:09	Bad01		28	
25.01	08:59	09:02	WEA02		3	49
	09:18	09:37	WEA04		19	
	09:41	10:08	Bad01		27	
26.01	08:56	09:07	WEA02		11	55
	09:19	09:37	WEA04		18	
	09:42	10:08	Bad01		26	
27.01	08:54	09:09	WEA02		15	54
	09:20	09:35	WEA04		15	
	09:43	10:07	Bad01		24	
28.01	08:53	09:11	WEA02		18	52
	09:23	09:35	WEA04		12	
	09:45	10:07	Bad01		22	
29.01	08:51	09:12	WEA02		21	49
	09:25	09:32	WEA04		7	
	09:45	10:06	Bad01		21	
30.01	08:50	09:13	WEA02		23	40
	09:47	10:04	Bad01		17	
31.01	08:50	09:15	WEA02		25	39
	09:49	10:03	Bad01		14	
01.02	08:50	09:15	WEA02		25	33
	09:52	10:00	Bad01		8	
02.02	08:49	09:16	WEA02		27	27
03.02	08:48	09:16	WEA02		28	28
04.02	08:49	09:17	WEA02		28	28
05.02	08:49	09:18	WEA02		29	29
06.02	08:49	09:18	WEA02		29	29
07.02	08:49	09:18	WEA02		29	29
08.02	08:49	09:17	WEA02		28	28
09.02	08:49	09:17	WEA02		28	28
10.02	08:49	09:17	WEA02		28	28
11.02	08:50	09:16	WEA02		26	26
12.02	08:50	09:16	WEA02		26	26
13.02	08:51	09:15	WEA02		24	24
14.02	08:53	09:14	WEA02		21	21
15.02	08:54	09:12	WEA02		18	18
16.02	08:56	09:10	WEA02		14	14
17.02	09:00	09:06	WEA02		6	6
20.02	08:15	08:24	Bad02		9	9
21.02	08:12	08:27	Bad02		15	15
22.02	08:11	08:29	Bad02		18	18
23.02	08:09	08:31	Bad02		22	22
24.02	08:09	08:32	Bad02		23	23
25.02	07:55	08:04	WEA03		9	33
	08:07	08:31	Bad02		24	
26.02	07:52	08:07	WEA03		15	40
	08:06	08:32	Bad02		26	
27.02	07:50	08:09	WEA03		19	43
	08:06	08:33	Bad02		27	
28.02	07:48	08:09	WEA03		21	44
	08:05	08:32	Bad02		27	
29.02	07:47	08:10	WEA03		23	45
	08:05	08:32	Bad02		27	
01.03	07:47	08:11	WEA03		24	45
	08:06	08:32	Bad02		26	



Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.03	07:46	08:12	WEA03		26	45
	08:06	08:31	Bad02		25	
03.03	07:45	08:11	WEA03		26	45
	08:06	08:30	Bad02		24	
04.03	07:45	08:11	WEA03		26	44
	08:07	08:29	Bad02		22	
05.03	07:45	08:11	WEA03		26	43
	08:08	08:28	Bad02		20	
06.03	07:45	08:10	WEA03		25	41
	08:09	08:26	Bad02		17	
07.03	07:45	08:10	WEA03		25	37
	08:11	08:23	Bad02		12	
08.03	07:46	08:09	WEA03		23	23
09.03	07:46	08:07	WEA03		21	21
10.03	07:48	08:06	WEA03		18	18
11.03	07:49	08:03	WEA03		14	14
12.03	07:52	08:00	WEA03		8	8
02.10	08:29	08:41	WEA03		12	12
03.10	08:26	08:43	WEA03		17	17
04.10	08:25	08:44	WEA03		19	19
05.10	08:22	08:45	WEA03		23	23
06.10	08:22	08:45	WEA03		23	31
	08:49	08:57	Bad02		8	
07.10	08:21	08:46	WEA03		25	40
	08:46	09:01	Bad02		15	
08.10	08:20	08:46	WEA03		26	42
	08:44	09:02	Bad02		18	
09.10	08:20	08:46	WEA03		26	44
	08:42	09:04	Bad02		22	
10.10	08:19	08:45	WEA03		26	45
	08:40	09:04	Bad02		24	
11.10	08:19	08:45	WEA03		26	45
	08:40	09:04	Bad02		24	
12.10	08:19	08:44	WEA03		25	46
	08:39	09:05	Bad02		26	
13.10	08:20	08:44	WEA03		24	45
	08:39	09:05	Bad02		26	
14.10	08:21	08:43	WEA03		22	44
	08:38	09:05	Bad02		27	
15.10	08:22	08:42	WEA03		20	43
	08:38	09:05	Bad02		27	
16.10	08:23	08:40	WEA03		17	42
	08:39	09:05	Bad02		26	
17.10	08:24	08:37	WEA03		13	38
	08:38	09:03	Bad02		25	
18.10	08:28	08:33	WEA03		5	30
	08:38	09:03	Bad02		25	
19.10	08:39	09:02	Bad02		23	23
20.10	08:40	09:00	Bad02		20	20
21.10	08:41	08:59	Bad02		18	18
22.10	08:43	08:57	Bad02		14	14
23.10	08:47	08:53	Bad02		6	6
26.10	08:28	08:37	WEA02		9	9
27.10	08:25	08:40	WEA02		15	15
28.10	08:23	08:42	WEA02		19	19
29.10	08:22	08:44	WEA02		22	22
30.10	08:21	08:45	WEA02		24	24
31.10	08:20	08:45	WEA02		25	25
01.11	08:19	08:46	WEA02		27	27

Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.11	08:19	08:47	WEA02		28	28
03.11	08:19	08:47	WEA02		28	28
04.11	08:18	08:47	WEA02		29	29
05.11	08:18	08:47	WEA02		29	29
06.11	08:18	08:47	WEA02		29	29
07.11	08:19	08:47	WEA02		28	28
08.11	08:19	08:47	WEA02		28	28
09.11	08:19	08:47	WEA02		28	28
10.11	08:20	08:47	WEA02		27	27
11.11	08:20	08:46	WEA02		26	35
	09:23	09:32	Bad01		9	
12.11	08:21	08:46	WEA02		25	39
	09:20	09:34	Bad01		14	
13.11	08:22	08:45	WEA02		23	41
	09:18	09:36	Bad01		18	
14.11	08:23	08:44	WEA02		21	49
	08:57	09:04	WEA04		7	
	09:17	09:38	Bad01		21	
15.11	08:25	08:43	WEA02		18	53
	08:55	09:07	WEA04		12	
	09:16	09:39	Bad01		23	
16.11	08:27	08:42	WEA02		15	54
	08:53	09:08	WEA04		15	
	09:16	09:40	Bad01		24	
17.11	08:29	08:40	WEA02		11	55
	08:52	09:10	WEA04		18	
	09:15	09:41	Bad01		26	
18.11	08:33	08:36	WEA02		3	49
	08:52	09:11	WEA04		19	
	09:15	09:42	Bad01		27	
19.11	08:51	09:12	WEA04		21	49
	09:15	09:43	Bad01		28	
20.11	08:51	09:13	WEA04		22	51
	09:15	09:44	Bad01		29	
21.11	08:51	09:13	WEA04		22	51
	09:15	09:44	Bad01		29	
22.11	08:51	09:14	WEA04		23	53
	09:15	09:45	Bad01		30	
23.11	08:52	09:15	WEA04		23	52
	09:16	09:45	Bad01		29	
24.11	08:51	09:14	WEA04		23	53
	09:15	09:45	Bad01		30	
25.11	08:51	09:15	WEA04		24	55
	09:15	09:46	Bad01		31	
26.11	08:52	09:16	WEA04		24	60
	09:16	09:46	Bad01		30	
	09:44	09:52	WEA01		8	
27.11	08:52	09:16	WEA04		24	62
	09:17	09:47	Bad01		30	
	09:43	09:55	WEA01		12	
28.11	08:52	09:16	WEA04		24	64
	09:16	09:46	Bad01		30	
	09:41	09:56	WEA01		15	
29.11	08:53	09:16	WEA04		23	64
	09:17	09:47	Bad01		30	
	09:40	09:58	WEA01		18	
30.11	08:54	09:17	WEA04		23	64
	09:18	09:47	Bad01		29	
	09:40	09:59	WEA01		19	



Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.12	08:54	09:16	WEA04		22	64
	09:18	09:47	Bad01		29	
	09:39	10:00	WEA01		21	
02.12	08:55	09:17	WEA04		22	64
	09:19	09:47	Bad01		28	
	09:39	10:01	WEA01		22	
03.12	08:56	09:17	WEA04		21	64
	09:20	09:48	Bad01		28	
	09:40	10:03	WEA01		23	
04.12	08:56	09:17	WEA04		21	64
	09:20	09:48	Bad01		28	
	09:39	10:03	WEA01		24	
05.12	08:58	09:17	WEA04		19	62
	09:21	09:48	Bad01		27	
	09:40	10:04	WEA01		24	
06.12	08:58	09:17	WEA04		19	62
	09:22	09:48	Bad01		26	
	09:39	10:05	WEA01		26	
07.12	08:58	09:17	WEA04		19	62
	09:22	09:48	Bad01		26	
	09:39	10:05	WEA01		26	
08.12	09:00	09:17	WEA04		17	60
	09:23	09:48	Bad01		25	
	09:40	10:06	WEA01		26	
09.12	09:01	09:17	WEA04		16	59
	09:24	09:48	Bad01		24	
	09:40	10:07	WEA01		27	
10.12	09:02	09:17	WEA04		15	58
	09:24	09:48	Bad01		24	
	09:40	10:07	WEA01		27	
11.12	09:03	09:17	WEA04		14	57
	09:25	09:48	Bad01		23	
	09:40	10:08	WEA01		28	
12.12	09:04	09:17	WEA04		13	55
	09:26	09:48	Bad01		22	
	09:40	10:08	WEA01		28	
13.12	09:05	09:17	WEA04		12	55
	09:26	09:48	Bad01		22	
	09:40	10:09	WEA01		29	
14.12	09:06	09:17	WEA04		11	53
	09:27	09:49	Bad01		22	
	09:41	10:09	WEA01		28	
15.12	09:07	09:17	WEA04		10	52
	09:28	09:49	Bad01		21	
	09:41	10:10	WEA01		29	
16.12	09:08	09:17	WEA04		9	50
	09:29	09:49	Bad01		20	
	09:42	10:10	WEA01		28	
17.12	09:09	09:17	WEA04		8	50
	09:29	09:50	Bad01		21	
	09:42	10:11	WEA01		29	
18.12	09:10	09:17	WEA04		7	49
	09:30	09:50	Bad01		20	
	09:43	10:12	WEA01		29	
19.12	09:10	09:17	WEA04		7	49
	09:30	09:50	Bad01		20	
	09:43	10:12	WEA01		29	
20.12	09:11	09:18	WEA04		7	49
	09:31	09:51	Bad01		20	
	09:44	10:13	WEA01		29	

Dinklager Straße 57						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
21.12	09:12	09:18	WEA04		6	47
	09:32	09:51	Bad01		19	
	09:45	10:13	WEA01		28	
22.12	09:12	09:18	WEA04		6	47
	09:32	09:51	Bad01		19	
	09:45	10:13	WEA01		28	
23.12	09:12	09:19	WEA04		7	48
	09:32	09:52	Bad01		20	
	09:45	10:13	WEA01		28	
24.12	09:13	09:20	WEA04		7	49
	09:33	09:53	Bad01		20	
	09:46	10:15	WEA01		29	
25.12	09:13	09:20	WEA04		7	49
	09:33	09:53	Bad01		20	
	09:46	10:15	WEA01		29	
26.12	09:13	09:21	WEA04		8	50
	09:33	09:53	Bad01		20	
	09:46	10:15	WEA01		29	
27.12	09:13	09:22	WEA04		9	50
	09:34	09:54	Bad01		20	
	09:47	10:15	WEA01		28	
28.12	09:14	09:23	WEA04		9	51
	09:35	09:56	Bad01		21	
	09:48	10:17	WEA01		29	
29.12	09:14	09:24	WEA04		10	52
	09:35	09:56	Bad01		21	
	09:49	10:17	WEA01		28	
30.12	09:13	09:24	WEA04		11	53
	09:34	09:56	Bad01		22	
	09:48	10:16	WEA01		28	
31.12	09:13	09:25	WEA04		12	55
	09:34	09:57	Bad01		23	
	09:49	10:17	WEA01		28	





Dinklager Straße 64						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	09:39	10:13	WEA02		34	38
	10:06	10:17	WEA04		11	
02.01	09:40	10:13	WEA02		33	37
	10:07	10:17	WEA04		10	
03.01	09:40	10:14	WEA02		34	37
	10:09	10:17	WEA04		8	
04.01	09:40	10:14	WEA02		34	35
	10:11	10:15	WEA04		4	
05.01	09:41	10:15	WEA02		34	34
06.01	09:42	10:16	WEA02		34	34
07.01	09:41	10:16	WEA02		35	35
08.01	09:41	10:16	WEA02		35	35
09.01	09:43	10:17	WEA02		34	34
10.01	09:43	10:17	WEA02		34	34
11.01	09:43	10:17	WEA02		34	34
12.01	09:44	10:18	WEA02		34	34
13.01	09:44	10:18	WEA02		34	34
14.01	09:45	10:19	WEA02		34	34
15.01	09:45	10:19	WEA02		34	34
16.01	09:46	10:19	WEA02		33	33
17.01	09:47	10:19	WEA02		32	32
18.01	09:29	09:36	Bad02		7	39
	09:46	10:18	WEA02		32	
19.01	09:26	09:39	Bad02		13	44
	09:47	10:18	WEA02		31	
20.01	09:25	09:42	Bad02		17	47
	09:48	10:18	WEA02		30	
21.01	09:24	09:44	Bad02		20	49
	09:49	10:18	WEA02		29	
22.01	09:22	09:45	Bad02		23	50
	09:50	10:17	WEA02		27	
23.01	09:22	09:46	Bad02		24	50
	09:51	10:17	WEA02		26	
24.01	09:22	09:48	Bad02		26	50
	09:53	10:17	WEA02		24	
25.01	09:21	09:49	Bad02		28	51
	09:53	10:16	WEA02		23	
26.01	09:21	09:50	Bad02		29	49
	09:55	10:15	WEA02		20	
27.01	09:20	09:51	Bad02		31	47
	09:57	10:13	WEA02		16	
28.01	08:48	08:58	WEA05		10	53
	09:20	09:52	Bad02		32	
	10:00	10:11	WEA02		11	
29.01	08:46	09:00	WEA05		14	47
	09:19	09:52	Bad02		33	
30.01	08:44	09:01	WEA05		17	50
	09:19	09:52	Bad02		33	
31.01	08:44	09:03	WEA05		19	54
	09:19	09:54	Bad02		35	
01.02	08:43	09:04	WEA05		21	56
	09:19	09:54	Bad02		35	
02.02	08:42	09:04	WEA05		22	57
	09:19	09:54	Bad02		35	
03.02	08:42	09:05	WEA05		23	59
	09:18	09:54	Bad02		36	
04.02	08:42	09:06	WEA05		24	60
	09:19	09:55	Bad02		36	
05.02	08:42	09:06	WEA05		24	60
	09:19	09:55	Bad02		36	

Dinklager Straße 64						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
06.02	08:42	09:07	WEA05		25	59
	08:43	08:48	WEA03		5	
	09:20	09:54	Bad02		34	
07.02	08:38	08:52	WEA03		14	63
	08:42	09:07	WEA05		25	
	09:20	09:54	Bad02		34	
08.02	08:36	08:54	WEA03		18	64
	08:42	09:06	WEA05		24	
	09:20	09:54	Bad02		34	
09.02	08:34	08:56	WEA03		22	64
	08:42	09:06	WEA05		24	
	09:21	09:53	Bad02		32	
10.02	08:33	08:57	WEA03		24	64
	08:43	09:06	WEA05		23	
	09:21	09:52	Bad02		31	
11.02	08:32	08:59	WEA03		27	62
	08:43	09:05	WEA05		22	
	09:22	09:51	Bad02		29	
12.02	08:31	08:59	WEA03		28	60
	08:44	09:04	WEA05		20	
	09:23	09:50	Bad02		27	
13.02	08:31	09:00	WEA03		29	57
	08:46	09:03	WEA05		17	
	09:24	09:49	Bad02		25	
14.02	08:30	09:01	WEA03		31	54
	08:47	09:02	WEA05		15	
	09:26	09:48	Bad02		22	
15.02	08:30	09:01	WEA03		31	48
	08:50	08:59	WEA05		9	
	09:28	09:45	Bad02		17	
16.02	08:29	09:02	WEA03		33	44
	09:31	09:42	Bad02		11	
17.02	08:29	09:02	WEA03		33	33
18.02	08:29	09:02	WEA03		33	33
19.02	08:30	09:02	WEA03		32	32
20.02	08:29	09:01	WEA03		32	32
21.02	08:29	09:01	WEA03		32	32
22.02	08:30	09:00	WEA03		30	30
23.02	08:31	09:00	WEA03		29	29
24.02	08:32	08:59	WEA03		27	27
25.02	08:32	08:57	WEA03		25	25
26.02	08:33	08:55	WEA03		22	22
27.02	08:35	08:53	WEA03		18	18
28.02	08:37	08:50	WEA03		13	13
14.10	09:13	09:20	WEA03		7	7
15.10	09:09	09:24	WEA03		15	15
16.10	09:07	09:27	WEA03		20	20
17.10	09:04	09:27	WEA03		23	23
18.10	09:03	09:28	WEA03		25	25
19.10	09:02	09:29	WEA03		27	27
20.10	09:01	09:30	WEA03		29	29
21.10	09:00	09:31	WEA03		31	31
22.10	09:00	09:31	WEA03		31	31
23.10	08:59	09:31	WEA03		32	32
24.10	08:59	09:31	WEA03		32	32
25.10	07:59	08:31	WEA03		32	32
26.10	07:59	08:31	WEA03		32	32
	07:59	08:31	WEA03		32	
27.10	07:59	08:31	WEA03		32	45
	09:00	09:13	Bad02		13	



Dinklager Straße 64						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
28.10	07:59	08:31	WEA03		32	51
	08:19	08:29	WEA05		10	
	08:57	09:16	Bad02		19	
29.10	08:00	08:30	WEA03		30	55
	08:16	08:32	WEA05		16	
	08:55	09:18	Bad02		23	
30.10	08:00	08:30	WEA03		30	58
	08:15	08:33	WEA05		18	
	08:54	09:19	Bad02		25	
31.10	08:01	08:29	WEA03		28	60
	08:14	08:34	WEA05		20	
	08:53	09:20	Bad02		27	
01.11	08:02	08:28	WEA03		26	62
	08:13	08:35	WEA05		22	
	08:52	09:21	Bad02		29	
02.11	08:03	08:27	WEA03		24	63
	08:12	08:35	WEA05		23	
	08:51	09:22	Bad02		31	
03.11	08:04	08:26	WEA03		22	65
	08:12	08:36	WEA05		24	
	08:50	09:23	Bad02		33	
04.11	08:06	08:24	WEA03		18	63
	08:12	08:36	WEA05		24	
	08:50	09:23	Bad02		33	
05.11	08:09	08:21	WEA03		12	61
	08:12	08:36	WEA05		24	
	08:50	09:24	Bad02		34	
06.11	08:12	08:36	WEA05		24	59
	08:14	08:16	WEA03		2	
	08:49	09:24	Bad02		35	
07.11	08:12	08:36	WEA05		24	59
	08:49	09:24	Bad02		35	
08.11	08:12	08:36	WEA05		24	59
	08:49	09:24	Bad02		35	
09.11	08:13	08:36	WEA05		23	59
	08:49	09:25	Bad02		36	
10.11	08:13	08:35	WEA05		22	57
	08:50	09:25	Bad02		35	
11.11	08:14	08:35	WEA05		21	56
	08:50	09:25	Bad02		35	
12.11	08:15	08:34	WEA05		19	53
	08:50	09:24	Bad02		34	
13.11	08:16	08:33	WEA05		17	50
	08:51	09:24	Bad02		33	
14.11	08:18	08:32	WEA05		14	47
	08:51	09:24	Bad02		33	
15.11	08:20	08:30	WEA05		10	53
	08:52	09:24	Bad02		32	
	09:32	09:43	WEA02		11	
16.11	08:53	09:23	Bad02		30	46
	09:30	09:46	WEA02		16	
17.11	08:54	09:23	Bad02		29	49
	09:28	09:48	WEA02		20	
18.11	08:55	09:23	Bad02		28	51
	09:27	09:50	WEA02		23	
19.11	08:56	09:22	Bad02		26	50
	09:27	09:51	WEA02		24	
20.11	08:57	09:21	Bad02		24	50
	09:26	09:52	WEA02		26	

Dinklager Straße 64						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
21.11	08:58	09:21	Bad02		23	50
	09:26	09:53	WEA02		27	
22.11	09:00	09:20	Bad02		20	49
	09:25	09:54	WEA02		29	
23.11	09:02	09:19	Bad02		17	47
	09:25	09:55	WEA02		30	
24.11	09:03	09:16	Bad02		13	44
	09:24	09:55	WEA02		31	
25.11	09:07	09:14	Bad02		7	39
	09:24	09:56	WEA02		32	
26.11	09:25	09:57	WEA02		32	32
27.11	09:25	09:58	WEA02		33	33
28.11	09:24	09:58	WEA02		34	34
29.11	09:25	09:59	WEA02		34	34
30.11	09:26	09:59	WEA02		33	33
01.12	09:25	09:59	WEA02		34	34
02.12	09:26	10:00	WEA02		34	34
03.12	09:27	10:01	WEA02		34	34
04.12	09:27	10:01	WEA02		34	34
05.12	09:28	10:02	WEA02		34	34
06.12	09:28	10:02	WEA02		34	34
07.12	09:28	10:02	WEA02		34	34
09.12	09:29	10:03	WEA02		34	34
	10:00	10:03	WEA04		3	
10.12	09:29	10:03	WEA02		34	37
	09:58	10:06	WEA04		8	
11.12	09:30	10:03	WEA02		33	37
	09:58	10:07	WEA04		9	
12.12	09:30	10:04	WEA02		34	38
	09:57	10:08	WEA04		11	
13.12	09:31	10:04	WEA02		33	38
	09:57	10:09	WEA04		12	
14.12	09:31	10:04	WEA02		33	39
	09:57	10:10	WEA04		13	
15.12	09:32	10:05	WEA02		33	39
	09:57	10:11	WEA04		14	
16.12	09:32	10:05	WEA02		33	40
	09:57	10:12	WEA04		15	
17.12	09:33	10:06	WEA02		33	40
	09:58	10:13	WEA04		15	
18.12	09:34	10:07	WEA02		33	40
	09:58	10:14	WEA04		16	
19.12	09:34	10:06	WEA02		32	40
	09:58	10:14	WEA04		16	
20.12	09:35	10:07	WEA02		32	40
	09:59	10:15	WEA04		16	
21.12	09:35	10:08	WEA02		33	41
	09:59	10:16	WEA04		17	
22.12	09:35	10:08	WEA02		33	41
	09:59	10:16	WEA04		17	
23.12	09:35	10:08	WEA02		33	41
	10:00	10:16	WEA04		16	
24.12	09:37	10:09	WEA02		32	40
	10:01	10:17	WEA04		16	
25.12	09:37	10:10	WEA02		33	40
	10:01	10:17	WEA04		16	
26.12	09:37	10:10	WEA02		33	40
	10:01	10:17	WEA04		16	



Dinklager Straße 64						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
27.12	09:37	10:10	WEA02		33	40
	10:02	10:17	WEA04		15	
28.12	09:39	10:12	WEA02		33	39
	10:04	10:18	WEA04		14	
29.12	09:39	10:12	WEA02		33	39
	10:04	10:18	WEA04		14	
30.12	09:38	10:12	WEA02		34	39
	10:04	10:17	WEA04		13	
31.12	09:39	10:12	WEA02		33	38
	10:06	10:17	WEA04		11	

Dinklager Straße 72					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
01.01	09:40	10:14	WEA05	34	142
	09:59	10:43	WEA03	44	
	12:04	12:16	WEA02	12	
	12:29	13:19	Bad02	50	
	14:06	14:23	Bad01	17	
02.01	09:40	10:14	WEA05	34	137
	10:00	10:44	WEA03	44	
	12:06	12:15	WEA02	9	
	12:30	13:19	Bad02	49	
	14:08	14:23	Bad01	15	
03.01	09:41	10:15	WEA05	34	130
	10:00	10:45	WEA03	45	
	12:10	12:12	WEA02	2	
	12:30	13:20	Bad02	50	
	14:09	14:23	Bad01	14	
04.01	09:41	10:15	WEA05	34	126
	10:00	10:45	WEA03	45	
	12:30	13:20	Bad02	50	
	14:10	14:22	Bad01	12	
05.01	09:41	10:16	WEA05	35	124
	10:00	10:46	WEA03	46	
	12:31	13:20	Bad02	49	
	14:12	14:22	Bad01	10	
06.01	09:42	10:17	WEA05	35	121
	10:01	10:47	WEA03	46	
	12:32	13:21	Bad02	49	
	14:14	14:21	Bad01	7	
07.01	09:42	10:17	WEA05	35	114
	10:00	10:47	WEA03	47	
	12:32	13:21	Bad02	49	
08.01	09:42	10:17	WEA05	35	115
	10:00	10:48	WEA03	48	
	12:32	13:21	Bad02	49	
09.01	09:43	10:18	WEA05	35	114
	10:01	10:49	WEA03	48	
	12:34	13:22	Bad02	48	
10.01	09:43	10:18	WEA05	35	114
	10:01	10:49	WEA03	48	
	12:34	13:22	Bad02	48	
11.01	09:43	10:18	WEA05	35	115
	10:01	10:50	WEA03	49	
	12:34	13:22	Bad02	48	
12.01	09:44	10:18	WEA05	34	113
	10:01	10:50	WEA03	49	
	12:35	13:22	Bad02	47	
13.01	09:45	10:19	WEA05	34	114
	10:02	10:52	WEA03	50	
	12:36	13:23	Bad02	47	
14.01	09:45	10:20	WEA05	35	113
	10:02	10:52	WEA03	50	
	12:37	13:23	Bad02	46	
15.01	09:46	10:20	WEA05	34	113
	10:02	10:53	WEA03	51	
	12:37	13:23	Bad02	46	
16.01	09:46	10:20	WEA05	34	112
	10:02	10:53	WEA03	51	
	12:38	13:23	Bad02	45	
17.01	09:47	10:20	WEA05	33	111
	10:02	10:54	WEA03	52	
	12:39	13:23	Bad02	44	

Dinklager Straße 72					
Datum	Start	Ende	WEA	Min WEA	Min gesamt
18.01	09:47	10:19	WEA05	32	110
	10:02	10:54	WEA03	52	
	12:39	13:22	Bad02	43	
19.01	09:48	10:20	WEA05	32	108
	10:02	10:54	WEA03	52	
	12:40	13:22	Bad02	42	
20.01	09:49	10:20	WEA05	31	107
	10:02	10:55	WEA03	53	
	12:41	13:22	Bad02	41	
21.01	09:50	10:20	WEA05	30	105
	10:03	10:56	WEA03	53	
	12:43	13:22	Bad02	39	
22.01	09:50	10:19	WEA05	29	102
	10:02	10:55	WEA03	53	
	12:43	13:20	Bad02	37	
23.01	09:51	10:19	WEA05	28	100
	10:03	10:56	WEA03	53	
	12:45	13:20	Bad02	35	
24.01	09:53	10:18	WEA05	25	97
	10:04	10:57	WEA03	53	
	12:47	13:20	Bad02	33	
25.01	09:53	10:17	WEA05	24	93
	10:03	10:56	WEA03	53	
	12:48	13:18	Bad02	30	
26.01	09:55	10:17	WEA05	22	89
	10:04	10:57	WEA03	53	
	12:50	13:17	Bad02	27	
27.01	09:57	10:15	WEA05	18	82
	10:04	10:56	WEA03	52	
	12:52	13:15	Bad02	23	
28.01	09:59	10:12	WEA05	13	75
	10:04	10:56	WEA03	52	
	12:54	13:12	Bad02	18	
29.01	10:03	10:10	WEA05	7	64
	10:05	10:57	WEA03	52	
	12:59	13:09	Bad02	10	
30.01	10:05	10:56	WEA03	51	51
31.01	10:07	10:57	WEA03	50	50
01.02	10:07	10:56	WEA03	49	49
02.02	10:07	10:55	WEA03	48	48
03.02	10:08	10:55	WEA03	47	47
04.02	10:09	10:55	WEA03	46	46
05.02	10:10	10:54	WEA03	44	44
06.02	10:11	10:53	WEA03	42	42
07.02	10:12	10:52	WEA03	40	40
08.02	10:13	10:50	WEA03	37	37
09.02	10:14	10:49	WEA03	35	35
10.02	10:16	10:47	WEA03	31	31
11.02	10:18	10:45	WEA03	27	27
12.02	10:21	10:42	WEA03	21	21
13.02	10:25	10:37	WEA03	12	12
30.10	09:54	10:08	WEA03	14	14
31.10	09:50	10:12	WEA03	22	22
01.11	09:47	10:15	WEA03	28	28
02.11	09:46	10:17	WEA03	31	31
03.11	09:44	10:19	WEA03	35	35
04.11	09:43	10:20	WEA03	37	37
05.11	09:41	10:22	WEA03	41	41
06.11	09:41	10:23	WEA03	42	42



Dinklager Straße 72						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
07.11	09:40	10:24	WEA03		44	44
08.11	09:39	10:25	WEA03		46	46
09.11	09:38	10:25	WEA03		47	47
10.11	09:38	10:26	WEA03		48	48
11.11	09:38	10:27	WEA03		49	49
12.11	09:37	10:27	WEA03		50	50
13.11	09:37	10:28	WEA03		51	51
14.11	09:35	09:42	WEA05		7	64
	09:37	10:29	WEA03		52	
	12:31	12:41	Bad02		10	
15.11	09:32	09:45	WEA05		13	75
	09:37	10:29	WEA03		52	
	12:27	12:45	Bad02		18	
16.11	09:30	09:48	WEA05		18	82
	09:37	10:29	WEA03		52	
	12:25	12:48	Bad02		23	
17.11	09:28	09:50	WEA05		22	89
	09:37	10:30	WEA03		53	
	12:23	12:50	Bad02		27	
18.11	09:27	09:51	WEA05		24	93
	09:37	10:30	WEA03		53	
	12:22	12:52	Bad02		30	
19.11	09:27	09:52	WEA05		25	97
	09:38	10:31	WEA03		53	
	12:21	12:54	Bad02		33	
20.11	09:26	09:54	WEA05		28	100
	09:38	10:31	WEA03		53	
	12:20	12:55	Bad02		35	
21.11	09:26	09:55	WEA05		29	102
	09:38	10:31	WEA03		53	
	12:19	12:56	Bad02		37	
22.11	09:26	09:56	WEA05		30	105
	09:39	10:32	WEA03		53	
	12:19	12:58	Bad02		39	
23.11	09:26	09:57	WEA05		31	107
	09:39	10:32	WEA03		53	
	12:18	12:59	Bad02		41	
24.11	09:25	09:57	WEA05		32	108
	09:39	10:31	WEA03		52	
	12:17	12:59	Bad02		42	
25.11	09:25	09:57	WEA05		32	110
	09:40	10:32	WEA03		52	
	12:17	13:00	Bad02		43	
26.11	09:25	09:58	WEA05		33	111
	09:40	10:32	WEA03		52	
	12:17	13:01	Bad02		44	
27.11	09:25	09:59	WEA05		34	112
	09:41	10:32	WEA03		51	
	12:17	13:02	Bad02		45	
28.11	09:25	09:59	WEA05		34	112
	09:41	10:32	WEA03		51	
	12:17	13:02	Bad02		45	
29.11	09:25	10:00	WEA05		35	113
	09:42	10:32	WEA03		50	
	12:17	13:03	Bad02		46	
30.11	09:26	10:01	WEA05		35	114
	09:43	10:33	WEA03		50	
	12:17	13:04	Bad02		47	
01.12	09:26	10:00	WEA05		34	113
	09:43	10:32	WEA03		49	
	12:17	13:04	Bad02		47	

Dinklager Straße 72						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
02.12	09:26	10:01	WEA05		35	115
	09:44	10:33	WEA03		49	
	12:17	13:05	Bad02		48	
03.12	09:27	10:02	WEA05		35	114
	09:45	10:33	WEA03		48	
	12:18	13:06	Bad02		48	
04.12	09:27	10:02	WEA05		35	114
	09:45	10:33	WEA03		48	
	12:18	13:06	Bad02		48	
05.12	09:27	10:02	WEA05		35	115
	09:45	10:33	WEA03		48	
	12:17	13:06	Bad02		49	
06.12	09:28	10:03	WEA05		35	114
	09:47	10:33	WEA03		46	
	12:18	13:07	Bad02		49	
07.12	09:28	10:03	WEA05		35	121
	09:47	10:33	WEA03		46	
	12:18	13:07	Bad02		49	
	14:00	14:07	Bad01		7	
08.12	09:29	10:04	WEA05		35	125
	09:48	10:34	WEA03		46	
	12:19	13:09	Bad02		50	
	14:00	14:10	Bad01		10	
09.12	09:30	10:04	WEA05		34	126
	09:49	10:34	WEA03		45	
	12:19	13:09	Bad02		50	
	13:59	14:11	Bad01		12	
10.12	09:30	10:04	WEA05		34	127
	09:49	10:34	WEA03		45	
	12:20	13:09	Bad02		49	
	13:58	14:12	Bad01		14	
11.12	09:30	10:04	WEA05		34	137
	09:50	10:34	WEA03		44	
	11:56	12:05	WEA02		9	
	12:20	13:09	Bad02		49	
	13:58	14:13	Bad01		15	
12.12	09:31	10:05	WEA05		34	140
	09:50	10:34	WEA03		44	
	11:55	12:06	WEA02		11	
	12:20	13:10	Bad02		50	
	13:58	14:14	Bad01		16	
13.12	09:31	10:05	WEA05		34	143
	09:51	10:34	WEA03		43	
	11:55	12:08	WEA02		13	
	12:20	13:10	Bad02		50	
	13:58	14:15	Bad01		17	
14.12	09:32	10:05	WEA05		33	145
	09:51	10:34	WEA03		43	
	11:54	12:09	WEA02		15	
	12:21	13:11	Bad02		50	
	13:58	14:16	Bad01		18	
15.12	09:32	10:06	WEA05		34	148
	09:52	10:35	WEA03		43	
	11:54	12:10	WEA02		16	
	12:21	13:11	Bad02		50	
	13:58	14:17	Bad01		19	
16.12	09:33	10:06	WEA05		33	150
	09:53	10:35	WEA03		42	
	11:54	12:12	WEA02		18	
	12:22	13:12	Bad02		50	
	13:58	14:18	Bad01		20	



Dinklager Straße 72						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
17.12	09:34	10:07	WEA05		33	150
	09:54	10:36	WEA03		42	
	11:54	12:13	WEA02		19	
	12:23	13:12	Bad02		49	
	13:59	14:19	Bad01		20	
18.12	09:34	10:08	WEA05		34	151
	09:55	10:36	WEA03		41	
	11:55	12:14	WEA02		19	
	12:23	13:13	Bad02		50	
	13:59	14:19	Bad01		20	
19.12	09:34	10:07	WEA05		33	152
	09:54	10:36	WEA03		42	
	11:54	12:14	WEA02		20	
	12:23	13:13	Bad02		50	
	13:59	14:19	Bad01		20	
20.12	09:35	10:08	WEA05		33	152
	09:55	10:37	WEA03		42	
	11:55	12:15	WEA02		20	
	12:24	13:14	Bad02		50	
	14:00	14:20	Bad01		20	
21.12	09:36	10:09	WEA05		33	153
	09:56	10:38	WEA03		42	
	11:56	12:16	WEA02		20	
	12:25	13:15	Bad02		50	
	14:00	14:21	Bad01		21	
22.12	09:36	10:09	WEA05		33	153
	09:56	10:38	WEA03		42	
	11:56	12:16	WEA02		20	
	12:25	13:15	Bad02		50	
	14:00	14:21	Bad01		21	
23.12	09:36	10:09	WEA05		33	153
	09:56	10:38	WEA03		42	
	11:56	12:16	WEA02		20	
	12:25	13:15	Bad02		50	
	14:00	14:21	Bad01		21	
24.12	09:37	10:10	WEA05		33	152
	09:57	10:39	WEA03		42	
	11:57	12:17	WEA02		20	
	12:26	13:16	Bad02		50	
	14:02	14:22	Bad01		20	
25.12	09:37	10:11	WEA05		34	151
	09:57	10:39	WEA03		42	
	11:58	12:17	WEA02		19	
	12:26	13:16	Bad02		50	
	14:02	14:22	Bad01		20	
26.12	09:38	10:11	WEA05		33	151
	09:58	10:40	WEA03		42	
	11:58	12:17	WEA02		19	
	12:26	13:16	Bad02		50	
	14:02	14:22	Bad01		20	
27.12	09:38	10:11	WEA05		33	150
	09:58	10:40	WEA03		42	
	11:59	12:17	WEA02		18	
	12:27	13:17	Bad02		50	
	14:03	14:23	Bad01		20	
28.12	09:38	10:12	WEA05		34	150
	09:58	10:41	WEA03		43	
	12:00	12:17	WEA02		17	
	12:27	13:17	Bad02		50	
	14:03	14:23	Bad01		20	

Dinklager Straße 72						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
29.12	09:38	10:12	WEA05		34	146
	09:58	10:41	WEA03		43	
	12:01	12:16	WEA02		15	
	12:28	13:17	Bad02		49	
	14:04	14:23	Bad01		19	
30.12	09:39	10:13	WEA05		34	145
	09:59	10:42	WEA03		43	
	12:02	12:16	WEA02		14	
	12:28	13:18	Bad02		50	
	14:05	14:23	Bad01		18	
31.12	09:39	10:13	WEA05		34	142
	09:59	10:43	WEA03		44	
	12:04	12:16	WEA02		12	
	12:29	13:18	Bad02		49	
	14:06	14:23	Bad01		17	

Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
01.01	11:56	12:24	WEA05		28	130
	13:23	14:22	WEA03		59	
	14:18	14:56	WEA02		38	
	14:44	15:05	WEA01		21	
02.01	11:57	12:24	WEA05		27	129
	13:24	14:23	WEA03		59	
	14:19	14:57	WEA02		38	
	14:45	15:06	WEA01		21	
03.01	11:58	12:24	WEA05		26	127
	13:25	14:23	WEA03		58	
	14:20	14:57	WEA02		37	
	14:46	15:06	WEA01		20	
04.01	11:59	12:23	WEA05		24	125
	13:24	14:23	WEA03		59	
	14:20	14:57	WEA02		37	
	14:46	15:05	WEA01		19	
05.01	12:00	12:23	WEA05		23	124
	13:25	14:24	WEA03		59	
	14:21	14:58	WEA02		37	
	14:48	15:06	WEA01		18	
06.01	12:02	12:23	WEA05		21	121
	13:26	14:25	WEA03		59	
	14:22	14:58	WEA02		36	
	14:49	15:06	WEA01		17	
07.01	12:03	12:22	WEA05		19	118
	13:26	14:25	WEA03		59	
	14:22	14:58	WEA02		36	
	14:50	15:05	WEA01		15	
08.01	12:05	12:20	WEA05		15	115
	13:25	14:25	WEA03		60	
	14:22	14:58	WEA02		36	
	14:51	15:05	WEA01		14	
09.01	12:08	12:20	WEA05		12	111
	13:26	14:27	WEA03		61	
	14:23	14:59	WEA02		36	
	14:53	15:05	WEA01		12	
10.01	12:11	12:16	WEA05		5	102
	13:26	14:27	WEA03		61	
	14:24	14:59	WEA02		35	
	14:54	15:03	WEA01		9	
11.01	13:26	14:27	WEA03		61	95
	14:24	14:59	WEA02		35	
	14:57	15:01	WEA01		4	
12.01	13:27	14:27	WEA03		60	91
	14:25	14:58	WEA02		33	
13.01	13:28	14:29	WEA03		61	91
	14:26	14:59	WEA02		33	
14.01	13:28	14:29	WEA03		61	91
	14:27	14:59	WEA02		32	
15.01	13:28	14:30	WEA03		62	91
	14:28	14:59	WEA02		31	
16.01	13:29	14:30	WEA03		61	90
	14:29	14:59	WEA02		30	
17.01	13:28	14:29	WEA03		61	90
	14:29	14:58	WEA02		29	
18.01	13:29	14:30	WEA03		61	87
	14:31	14:57	WEA02		26	
19.01	13:29	14:30	WEA03		61	94
	14:32	14:57	WEA02		25	
	16:02	16:10	Bad01		8	

Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
20.01	13:30	14:31	WEA03		61	94
	14:34	14:56	WEA02		22	
	16:01	16:12	Bad01		11	
21.01	13:30	14:31	WEA03		61	95
	14:36	14:56	WEA02		20	
	16:00	16:14	Bad01		14	
22.01	13:30	14:31	WEA03		61	94
	14:37	14:54	WEA02		17	
	15:59	16:15	Bad01		16	
23.01	13:31	14:31	WEA03		60	89
	14:40	14:52	WEA02		12	
	15:59	16:16	Bad01		17	
24.01	13:32	14:32	WEA03		60	78
	15:59	16:17	Bad01		18	
	13:32	14:31	WEA03		59	
25.01	15:58	16:18	Bad01		20	79
	13:33	14:32	WEA03		59	
26.01	15:58	16:19	Bad01		21	80
	13:33	14:31	WEA03		58	
27.01	15:58	16:19	Bad01		21	79
	13:33	14:31	WEA03		58	
28.01	13:33	14:31	WEA03		58	80
	15:57	16:19	Bad01		22	
	16:03	16:10	Bad02		7	
29.01	13:35	14:31	WEA03		56	78
	15:58	16:20	Bad01		22	
	16:01	16:14	Bad02		13	
30.01	13:35	14:31	WEA03		56	77
	15:58	16:19	Bad01		21	
	15:59	16:16	Bad02		17	
31.01	13:37	14:31	WEA03		54	76
	15:58	16:19	Bad02		21	
	15:59	16:20	Bad01		21	
	13:37	14:30	WEA03		53	
01.02	15:57	16:20	Bad02		23	76
	15:59	16:20	Bad01		21	
	13:38	14:29	WEA03		51	
02.02	15:55	16:21	Bad02		26	77
	16:00	16:19	Bad01		19	
	13:39	14:28	WEA03		49	
03.02	15:54	16:22	Bad02		28	77
	16:00	16:19	Bad01		19	
	13:40	14:27	WEA03		47	
04.02	15:54	16:22	Bad02		28	75
	16:01	16:18	Bad01		17	
	13:42	14:27	WEA03		45	
05.02	15:54	16:24	Bad02		30	75
	16:03	16:17	Bad01		14	
	13:43	14:26	WEA03		43	
06.02	15:53	16:24	Bad02		31	74
	16:05	16:16	Bad01		11	
	13:45	14:25	WEA03		40	
07.02	15:53	16:25	Bad02		32	72
	16:09	16:12	Bad01		3	
	13:47	14:23	WEA03		36	
08.02	15:53	16:25	Bad02		32	68
	13:49	14:21	WEA03		32	
09.02	15:53	16:25	Bad02		32	64
	13:52	14:18	WEA03		26	
10.02	15:53	16:25	Bad02		32	58



Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
11.02	13:56	14:15	WEA03		19	51
	15:53	16:25	Bad02		32	
12.02	14:04	14:07	WEA03		3	35
	15:53	16:25	Bad02		32	
13.02	15:53	16:25	Bad02		32	32
14.02	15:54	16:24	Bad02		30	30
15.02	15:55	16:24	Bad02		29	29
16.02	15:55	16:23	Bad02		28	28
17.02	15:56	16:23	Bad02		27	27
18.02	15:58	16:21	Bad02		23	23
19.02	15:59	16:19	Bad02		20	20
20.02	16:01	16:17	Bad02		16	16
21.02	16:04	16:14	Bad02		10	10
22.10	16:33	16:45	Bad02		12	12
23.10	16:30	16:48	Bad02		18	18
24.10	16:28	16:50	Bad02		22	22
25.10	15:27	15:51	Bad02		24	24
26.10	15:26	15:52	Bad02		26	26
27.10	15:25	15:53	Bad02		28	28
28.10	15:24	15:54	Bad02		30	30
29.10	15:23	15:54	Bad02		31	31
30.10	15:23	15:54	Bad02		31	31
	13:31	13:39	WEA03		8	
01.11	15:23	15:55	Bad02		32	40
	13:25	13:45	WEA03		20	
02.11	15:22	15:55	Bad02		33	53
	13:21	13:48	WEA03		27	
03.11	15:22	15:55	Bad02		33	60
	13:18	13:51	WEA03		33	
04.11	15:22	15:55	Bad02		33	66
	13:16	13:53	WEA03		37	
05.11	15:23	15:55	Bad02		32	69
	13:15	13:55	WEA03		40	
06.11	15:23	15:54	Bad02		31	71
	15:38	15:42	Bad01		4	
	13:13	13:56	WEA03		43	
07.11	15:23	15:54	Bad02		31	74
	15:34	15:46	Bad01		12	
	13:12	13:57	WEA03		45	
08.11	15:33	15:47	Bad01		14	74
	15:24	15:53	Bad02		29	
	13:11	13:58	WEA03		47	
09.11	15:32	15:49	Bad01		17	76
	13:10	13:59	WEA03		49	
	15:25	15:52	Bad02		27	
10.11	15:31	15:49	Bad01		18	76
	13:09	14:00	WEA03		51	
	15:26	15:51	Bad02		25	
11.11	15:30	15:50	Bad01		20	76
	13:08	14:01	WEA03		53	
	15:27	15:51	Bad02		24	
12.11	15:30	15:51	Bad01		21	77
	13:07	14:02	WEA03		55	
	15:29	15:49	Bad02		20	
13.11	15:30	15:51	Bad01		21	77
	13:07	14:03	WEA03		56	
	15:31	15:48	Bad02		17	

Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
14.11	13:07	14:03	WEA03		56	78
	15:30	15:52	Bad01		22	
	15:33	15:46	Bad02		13	
15.11	13:06	14:04	WEA03		58	80
	15:30	15:52	Bad01		22	
	15:37	15:43	Bad02		6	
16.11	13:06	14:04	WEA03		58	79
	15:31	15:52	Bad01		21	
17.11	13:06	14:05	WEA03		59	80
	15:31	15:52	Bad01		21	
18.11	13:06	14:05	WEA03		59	79
	15:32	15:52	Bad01		20	
19.11	13:06	14:06	WEA03		60	78
	15:33	15:51	Bad01		18	
20.11	13:06	14:06	WEA03		60	88
	14:16	14:27	WEA02		11	
	15:34	15:51	Bad01		17	
21.11	13:06	14:07	WEA03		61	94
	14:13	14:30	WEA02		17	
	15:35	15:51	Bad01		16	
22.11	13:07	14:07	WEA03		60	94
	14:12	14:32	WEA02		20	
	15:36	15:50	Bad01		14	
23.11	13:06	14:07	WEA03		61	94
	14:10	14:32	WEA02		22	
	15:37	15:48	Bad01		11	
24.11	13:06	14:08	WEA03		62	95
	14:09	14:34	WEA02		25	
	15:39	15:47	Bad01		8	
25.11	13:07	14:08	WEA03		61	87
	14:09	14:35	WEA02		26	
26.11	13:07	14:09	WEA03		62	90
	14:08	14:37	WEA02		29	
27.11	13:08	14:09	WEA03		61	90
	14:08	14:38	WEA02		30	
28.11	13:07	14:09	WEA03		62	91
	14:07	14:38	WEA02		31	
29.11	13:08	14:09	WEA03		61	91
	14:07	14:39	WEA02		32	
30.11	13:09	14:10	WEA03		61	91
	14:08	14:40	WEA02		32	
01.12	13:09	14:10	WEA03		61	92
	14:07	14:41	WEA02		34	
02.12	13:10	14:10	WEA03		60	94
	14:07	14:42	WEA02		35	
	14:40	14:44	WEA01		4	
03.12	11:56	12:00	WEA05		4	101
	13:10	14:11	WEA03		61	
	14:08	14:43	WEA02		35	
	14:39	14:47	WEA01		8	
04.12	11:52	12:03	WEA05		11	110
	13:10	14:11	WEA03		61	
	14:08	14:43	WEA02		35	
	14:37	14:49	WEA01		12	
05.12	11:50	12:05	WEA05		15	115
	13:10	14:11	WEA03		61	
	14:07	14:43	WEA02		36	
	14:36	14:50	WEA01		14	
06.12	11:49	12:08	WEA05		19	115
	13:12	14:11	WEA03		59	
	14:08	14:44	WEA02		36	





Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
07.12	11:48	12:09	WEA05		21	121
	13:12	14:11	WEA03		59	
	14:08	14:44	WEA02		36	
	14:35	14:52	WEA01		17	
08.12	11:49	12:11	WEA05		22	123
	13:13	14:12	WEA03		59	
	14:09	14:46	WEA02		37	
	14:36	14:54	WEA01		18	
09.12	11:48	12:12	WEA05		24	126
	13:13	14:12	WEA03		59	
	14:09	14:46	WEA02		37	
	14:35	14:55	WEA01		20	
10.12	11:47	12:13	WEA05		26	127
	13:14	14:13	WEA03		59	
	14:09	14:46	WEA02		37	
	14:35	14:55	WEA01		20	
11.12	11:47	12:14	WEA05		27	129
	13:14	14:13	WEA03		59	
	14:09	14:47	WEA02		38	
	14:35	14:56	WEA01		21	
12.12	11:47	12:15	WEA05		28	130
	13:14	14:13	WEA03		59	
	14:10	14:47	WEA02		37	
	14:35	14:56	WEA01		21	
13.12	11:47	12:15	WEA05		28	130
	13:15	14:13	WEA03		58	
	14:10	14:47	WEA02		37	
	14:35	14:57	WEA01		22	
14.12	11:47	12:16	WEA05		29	132
	13:15	14:14	WEA03		59	
	14:10	14:48	WEA02		38	
	14:36	14:58	WEA01		22	
15.12	11:47	12:17	WEA05		30	132
	13:16	14:14	WEA03		58	
	14:11	14:49	WEA02		38	
	14:36	14:58	WEA01		22	
16.12	11:48	12:18	WEA05		30	132
	13:17	14:15	WEA03		58	
	14:11	14:49	WEA02		38	
	14:36	14:59	WEA01		23	
17.12	11:48	12:19	WEA05		31	134
	13:17	14:15	WEA03		58	
	14:12	14:50	WEA02		38	
	14:37	15:00	WEA01		23	
18.12	11:49	12:20	WEA05		31	134
	13:18	14:16	WEA03		58	
	14:13	14:51	WEA02		38	
	14:38	15:01	WEA01		23	
19.12	11:48	12:20	WEA05		32	135
	13:18	14:16	WEA03		58	
	14:12	14:50	WEA02		38	
	14:37	15:01	WEA01		24	
20.12	11:49	12:21	WEA05		32	134
	13:19	14:16	WEA03		57	
	14:13	14:51	WEA02		38	
	14:38	15:01	WEA01		23	
21.12	11:49	12:20	WEA05		31	133
	13:19	14:16	WEA03		57	
	14:13	14:51	WEA02		38	
	14:38	15:01	WEA01		23	

Quakenbrücker Straße 109						
Datum	Start	Ende	WEA		Min WEA	Min gesamt
22.12	11:50	12:21	WEA05		31	133
	13:20	14:17	WEA03		57	
	14:14	14:52	WEA02		38	
	14:39	15:02	WEA01		23	
23.12	11:50	12:21	WEA05		31	133
	13:20	14:17	WEA03		57	
	14:14	14:52	WEA02		38	
	14:39	15:02	WEA01		23	
24.12	11:51	12:23	WEA05		32	135
	13:21	14:18	WEA03		57	
	14:15	14:53	WEA02		38	
	14:40	15:04	WEA01		24	
25.12	11:51	12:23	WEA05		32	135
	13:21	14:19	WEA03		58	
	14:16	14:53	WEA02		37	
	14:40	15:04	WEA01		24	
26.12	11:52	12:23	WEA05		31	134
	13:21	14:19	WEA03		58	
	14:16	14:54	WEA02		38	
	14:41	15:04	WEA01		23	
27.12	11:52	12:23	WEA05		31	133
	13:22	14:19	WEA03		57	
	14:16	14:54	WEA02		38	
	14:41	15:04	WEA01		23	
28.12	11:53	12:23	WEA05		30	132
	13:22	14:20	WEA03		58	
	14:17	14:54	WEA02		37	
	14:42	15:04	WEA01		22	
29.12	11:54	12:23	WEA05		29	132
	13:22	14:20	WEA03		58	
	14:17	14:55	WEA02		38	
	14:42	15:05	WEA01		23	
30.12	11:55	12:23	WEA05		28	130
	13:23	14:21	WEA03		58	
	14:18	14:55	WEA02		37	
	14:43	15:05	WEA01		22	
31.12	11:56	12:24	WEA05		28	130
	13:23	14:22	WEA03		59	
	14:18	14:56	WEA02		38	
	14:44	15:05	WEA01		21	



## ANHANG D      SCHALTUNGEN ZUR REDUZIERUNG DER SCHATTENWURFBELASTUNG

Bei Überschreitung der Werte für die **astronomisch maximal mögliche Beschattungsdauer** kommen gemäß [1] unter anderem technische Maßnahmen zur zeitlichen Beschränkung des Betriebes der WEA in Betracht. Eine wichtige technische Maßnahme stellt als Gegenstand von Auflagen und Anordnungen die Installierung einer Abschaltautomatik dar, die mittels Strahlungs- oder Beleuchtungsstärkesensoren die konkrete meteorologische Beschattungssituation erfasst und somit die vor Ort konkret vorhandene Beschattungsdauer begrenzt.

Da der Wert von 30 Stunden pro Kalenderjahr auf Grundlage der astronomisch möglichen Beschattung entwickelt wurde, wird für Abschaltautomatiken ein entsprechender Wert für die tatsächliche, reale Schattendauer, die **meteorologische Beschattungsdauer** festgelegt. Dieser Wert liegt bei **8 Stunden pro Kalenderjahr**.

Im Ergebnisprotokoll des 6. Fachgespräch StUA Schleswig vom 28.05.03 wird die Frage geklärt, wie zu verfahren ist, wenn die Immissionsprognose einen Schattenzeitwert von über 30 Std./Jahr ausweist, aber der real zu erwartende Wert unter 8Std./Jahr liegen wird: In der Realität liegt demnach aufgrund meteorologischer und technischer Randbedingungen der periodische Schattenwurf im Bereich von 24-27% des prognostizierten Schattenwurfs. Daraus folgt, dass der worst case Richtwert von 30 Std./Jahr mit dem realen Zeitwert von 8 Std./Jahr korrespondiert. Das bedeutet, dass beim Erreichen des worst case Wertes von 30 Std./Jahr ein Abschaltmodul einzubauen und mit dem Zeitwert von 8 Std./Jahr zu programmieren ist. Im Rahmen einer Beschwerde sind bei Überschreitungen einer tatsächlichen Beschattungsdauer von 8 Stunden pro Jahr erhebliche Belästigungen anzunehmen und Schutzmaßnahmen einzuleiten.

An allen betrachteten Immissionsorten wird mindestens einer der empfohlenen Richtwerte rechnerisch überschritten oder nahezu ausgeschöpft.

Die nachfolgende Tabelle A.1 zeigt die Gesamtsumme der Abschaltstunden pro Jahr ohne Berücksichtigung eventueller Sicherheitszuschläge, die dazu führen würde, dass an allen 80 betrachteten Immissionsorten **kein** Schattenwurf mehr von den geplanten WEA verursacht wird („Nullverschattung“ durch geplante WEA). Anhang E zeigt die Schattenwurfzeiten der WEA an den 29 exemplarisch ausgewählten IO in Form detaillierter Kalender. Die dort dargestellten Abschaltzeiten beziehen sich auf das zur Berechnung verwendete Referenzjahr 2020. Leichte Variationen der Zeiten aufgrund des von Jahr zu Jahr veränderlichen Sonnenganges sind möglich.

**Tabelle A.1: Gesamtsummen der Schattenwurfzeiten der WEA für das Referenzjahr 2020**

WEA	Summe Schattenwurfzeiten astronomisch	Summe Schattenwurfzeiten meteorologisch
WEA01	234:10	43:02
WEA02	318:46	46:42
WEA03	674:25	97:20
WEA04	222:01	42:27
WEA05	532:02	88:23
WEA06	223:02	43:28
WEA07	344:36	74:09
WEA08	324:14	64:30
WEA09	339:16	62:36
WEA10	441:47	78:50
WEA11	313:42	56:41

Die in Tabelle A.1 dargestellten Summen in der Spalte "Summe Schattenwurfzeiten astronomisch" ergeben sich unter der Annahme, dass die Sonne ganztägig und an allen Tagen des Jahres scheint (stets wolkenloser Himmel), dass fortwährend ausreichender Wind für die Bewegung des Rotors herrscht und schließlich, dass die Windrichtung stets dem Azimuthwinkel der Sonne entspricht (Rotorkreisfläche steht senkrecht zur Einfallrichtung der direkten Sonnenstrahlung).

Dieser Ansatz ist als konservativ zu betrachten und berücksichtigt nicht die atmosphärischen Bedingungen wie Bewölkung und Nebel, wodurch die tatsächlichen Beschattungszeiten in der Regel viel geringer sind.

Des Weiteren sind auch Beschattungen bis zu 8 Std. (meteorologisch) im Jahr und 30 Min. pro Tag zulässig. Die Entwicklung eines detaillierteren Abschaltkonzeptes übersteigt jedoch den Rahmen dieser Ermittlung.

Die in Tabelle A.1 dargestellten Summen in der Spalte "Summe Schattenwurfzeiten meteorologisch" zeigen die verringerten Abschaltzeiten bei Einsatz einer Abschaltautomatik, die die Parameter Lichtintensität und Rotorausrichtung berücksichtigt unter Annahme von 8'295 Betriebsstunden pro Jahr. Diese verringerten Werte wurden auf Basis der meteorologischen Eingangsdaten aus Abschnitt 4 durch WindPro abgeschätzt und unterliegen statistischen Schwankungen von Jahr zu Jahr.

Die hier vorliegenden Ergebnisse wurden auf Basis der in Abschnitten 4 und 5.2 beschriebenen Eingangsdaten abgeschätzt, wobei die Immissionsorte als Punktrezeptoren modelliert wurden. Gemäß Ergebnisprotokoll des 6. Fachgespräch StUA Schleswig vom 28.05.03 [2], Frage 3.6 und 3.14 dient die Schattenwurf-Immissionsprognose auf Basis von Punktrezeptoren zur Prüfung des Erfordernisses des Einbaus einer schattengesteuerten Abschalteinrichtung. Nach dem Einbau ist das Abschaltmodul unter Berücksichtigung der realen Bedingungen vor Ort nachzuprogrammieren d.h. bei der Festlegung der genauen Abschaltzeiten sind räumliche Ausdehnungen am Immissionsort (z.B. Fenster- oder Balkonflächen und auch schattenbegrenzende Hindernisse, wie z.B. Scheunen) zu berücksichtigen.

## ANHANG E SCHATTENWURFKALENDER JE WEA

Die folgenden Tabellen zeigen die Schattenwurfzeiten der geplanten WEA für die 29 exemplarisch ausgewählten Immissionsorte. Innerhalb der Tabellen weicht die Nummerierung der exemplarisch gewählten Immissionsorte von der Nummerierung in den übrigen Tabellen dieses Berichtes ab.

IO-Nr.	Nr. im Kalender	Koordinaten (UTM ETRS89 Zone 33)		Höhe ü. NN [m]	Bezeichnung / Beschreibung	Immissions-orthöhe [m]
		Rechtswert	Hochwert			
3	1	435'259	5'836'713	26	Wulfenauer Mark 1 ost	2 m
5	2	435'316	5'836'250	26	Bünner Wohld 12	2 m
9	3	435'794	5'836'577	26	Quakenbrücker Straße 106	2 m
16	4	435'686	5'835'976	26	Bünner Wohld 10	2 m
19	5	435'679	5'835'550	26	Bünner Wohld 8	2 m
22	6	436'298	5'835'648	26	Bünner Wohld 4	2 m
23	7	436'322	5'835'450	26	Bünner Wohld 3	2 m
25	8	436'757	5'835'435	26	Bünner Ringstraße 50	2 m
27	9	436'394	5'835'347	26	Bünner Wohld 2	2 m
30	10	436'369	5'835'049	26	Bünner Ringstraße 56	2 m
31	11	436'634	5'834'836	26	Bünner Ringstraße 54	2 m
32	12	437'033	5'834'683	26	Badberger Straße 13	2 m
34	13	436'906	5'834'192	26	Badberger Straße 19	2 m
36	14	436'839	5'833'859	26	Bünner Wohld 21A	2 m
40	15	436'576	5'833'920	27	Bünner Wohld 23	2 m
48	16	436'479	5'833'844	26	Bünner Wohld 28	2 m
53	17	436'507	5'833'723	26	Bünner Wohld 32	2 m
54	18	434'434	5'834'143	26	Fresenweg 8c	2 m
55	19	434'537	5'834'525	26	Fresenweg 67	2 m
59	20	433'830	5'834'665	26	Lechterker Straße 23	2 m
60	21	433'592	5'834'780	25	Lechterker Straße 70	2 m
66	22	433'602	5'834'940	25	Im Großen Felde 78	2 m
67	23	433'273	5'834'912	25	Lechterker Straße 43	2 m
68	24	432'766	5'835'269	26	Wohldstraße 7	2 m
69	25	432'873	5'836'087	25	Trentlager Weg 29	2 m
73	26	433'451	5'836'363	25	Dinklager Straße 57	2 m
76	27	433'820	5'836'493	25	Dinklager Straße 64	2 m
78	28	434'423	5'836'497	25	Dinklager Straße 72	2 m
80	29	435'015	5'836'456	26	Quakenbrücker Straße 109	2 m

WEA01					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	09:49	10:17	26	28	49
	14:44	15:05	29	21	
02.01	09:50	10:18	26	28	49
	14:45	15:06	29	21	
03.01	09:51	10:18	26	27	47
	14:46	15:06	29	20	
04.01	09:51	10:18	26	27	46
	14:46	15:05	29	19	
05.01	09:52	10:18	26	26	44
	14:48	15:06	29	18	
06.01	09:53	10:19	26	26	43
	14:49	15:06	29	17	
07.01	09:53	10:19	26	26	41
	14:50	15:05	29	15	
08.01	09:53	10:18	26	25	46
	14:51	15:05	29	14	
	15:48	15:55	2	7	
09.01	09:55	10:19	26	24	45
	14:53	15:05	29	12	
	15:48	15:57	2	9	
10.01	09:55	10:19	26	24	46
	14:54	15:03	29	9	
	15:46	15:59	2	13	
11.01	09:56	10:18	26	22	40
	14:57	15:01	29	4	
	15:46	16:00	2	14	
12.01	09:58	10:19	26	21	37
	15:45	16:01	2	16	
13.01	09:59	10:18	26	19	37
	15:45	16:03	2	18	

WEA01					
Datum	Start	Ende	IO	Min IO	Min gesamt
14.01	10:00	10:18	26	18	37
	15:45	16:04	2	19	
15.01	10:02	10:17	26	15	35
	15:45	16:05	2	20	
16.01	10:03	10:16	26	13	34
	15:45	16:06	2	21	
17.01	10:06	10:14	26	8	30
	15:44	16:06	2	22	
18.01	15:44	16:07	2	23	23
19.01	15:44	16:08	2	24	24
20.01	15:44	16:09	2	25	25
21.01	15:44	16:09	2	25	25
22.01	15:44	16:09	2	25	25
23.01	15:44	16:10	2	26	26
24.01	15:44	16:10	2	26	26
25.01	15:45	16:10	2	25	25
26.01	15:46	16:11	2	25	25
27.01	15:46	16:11	2	25	25
28.01	15:46	16:10	2	24	24
29.01	15:47	16:10	2	23	23
30.01	15:48	16:10	2	22	22
31.01	15:48	16:09	2	21	21
01.02	15:50	16:09	2	19	19
02.02	08:40	08:47	25	7	23
	15:51	16:07	2	16	
03.02	08:37	08:49	25	12	24
	15:53	16:05	2	12	
04.02	08:36	08:52	25	16	21
	15:57	16:02	2	5	

WEA01						
Datum	Start	Ende	IO		Min IO	Min gesamt
05.02	08:35	08:53	25		18	18
06.02	08:34	08:54	25		20	20
07.02	08:33	08:55	25		22	22
08.02	08:33	08:55	25		22	22
09.02	08:32	08:56	25		24	24
10.02	08:32	08:56	25		24	28
	16:54	16:58	4		4	
11.02	08:32	08:56	25		24	33
	16:51	17:00	4		9	
12.02	08:32	08:56	25		24	38
	16:49	17:03	4		14	
13.02	08:32	08:56	25		24	41
	16:48	17:05	4		17	
14.02	08:33	08:55	25		22	42
	16:47	17:07	4		20	
15.02	08:33	08:55	25		22	43
	16:47	17:08	4		21	
16.02	08:34	08:54	25		20	42
	16:46	17:08	4		22	
17.02	08:35	08:53	25		18	40
	16:46	17:08	4		22	
18.02	08:37	08:52	25		15	38
	16:46	17:09	4		23	
19.02	08:40	08:49	25		9	32
	16:45	17:08	4		23	
20.02	16:46	17:07	4		21	21
21.02	16:46	17:07	4		21	21
22.02	16:47	17:06	4		19	19
23.02	16:48	17:05	4		17	17
24.02	16:49	17:03	4		14	14
25.02	16:52	17:01	4		9	9
04.03	17:39	17:43	5		4	4
05.03	17:33	17:46	5		13	13
06.03	17:31	17:48	5		17	17
07.03	17:30	17:50	5		20	20
08.03	17:28	17:50	5		22	22
09.03	17:28	17:51	5		23	23
10.03	17:27	17:51	5		24	24
11.03	17:26	17:51	5		25	25
12.03	17:26	17:51	5		25	25
13.03	17:27	17:51	5		24	24
14.03	17:26	17:49	5		23	23
15.03	17:27	17:49	5		22	22
16.03	17:27	17:47	5		20	20
17.03	17:28	17:46	5		18	18
18.03	17:30	17:44	5		14	14
19.03	17:33	17:40	5		7	7
23.03	06:52	07:01	24		9	9
24.03	06:49	07:04	24		15	15
25.03	06:46	07:05	24		19	19
26.03	06:45	07:06	24		21	21
27.03	06:43	07:06	24		23	23
28.03	06:42	07:07	24		25	25
29.03	07:42	08:07	24		25	25
30.03	07:41	08:07	24		26	26
31.03	07:41	08:07	24		26	26
01.04	07:41	08:07	24		26	26
02.04	07:40	08:05	24		25	25
03.04	07:41	08:05	24		24	24

WEA01						
Datum	Start	Ende	IO		Min IO	Min gesamt
04.04	07:41	08:04	24		23	23
05.04	07:41	08:02	24		21	21
06.04	07:43	08:00	24		17	17
07.04	07:45	07:58	24		13	13
08.04	07:48	07:54	24		6	6
28.04	06:45	06:55	23		10	10
29.04	06:41	06:58	23		17	17
30.04	06:38	07:00	23		22	22
01.05	06:36	07:02	23		26	26
02.05	06:35	07:03	23		28	28
03.05	06:34	07:05	23		31	31
04.05	06:33	07:05	23		32	32
05.05	06:32	07:06	23		34	34
06.05	06:31	07:06	23		35	35
07.05	06:31	07:07	23		36	36
08.05	06:30	07:07	23		37	37
09.05	06:29	07:07	23		38	38
10.05	06:29	07:08	23		39	39
11.05	06:29	07:08	23		39	39
12.05	06:28	07:08	23		40	40
13.05	06:28	07:08	23		40	40
14.05	06:28	07:08	23		40	40
15.05	06:28	07:08	23		40	40
16.05	06:29	07:09	23		40	40
17.05	06:28	07:08	23		40	40
	06:35	06:43	22		8	
18.05	06:29	07:08	23		39	39
	06:31	06:48	22		17	
19.05	06:27	06:50	22		23	41
	06:29	07:08	23		39	
20.05	06:25	06:52	22		27	42
	06:29	07:07	23		38	
21.05	06:24	06:54	22		30	43
	06:29	07:07	23		38	
22.05	06:23	06:56	22		33	44
	06:30	07:07	23		37	
23.05	06:22	06:58	22		36	45
	06:30	07:07	23		37	
24.05	06:21	06:59	22		38	46
	06:31	07:07	23		36	
25.05	06:19	06:59	22		40	47
	06:30	07:06	23		36	
26.05	06:18	07:00	22		42	48
	06:31	07:06	23		35	
27.05	06:18	07:01	22		43	47
	06:31	07:05	23		34	
28.05	06:17	07:02	22		45	49
	06:33	07:06	23		33	
29.05	06:17	07:03	22		46	48
	06:33	07:05	23		32	
30.05	06:17	07:04	22		47	48
	06:34	07:05	23		31	
31.05	06:16	07:04	22		48	48
	06:34	07:04	23		30	
01.06	06:16	07:05	22		49	49
	06:35	07:04	23		29	
02.06	06:15	07:05	22		50	50
	06:35	07:03	23		28	
03.06	06:15	07:06	22		51	51
	06:37	07:03	23		26	



WEA01					
Datum	Start	Ende	IO	Min IO	Min gesamt
04.06	06:15	07:07	22	52	52
	06:37	07:02	23	25	
05.06	06:15	07:08	22	53	53
	06:38	07:02	23	24	
06.06	06:15	07:08	22	53	53
	06:39	07:01	23	22	
07.06	06:15	07:09	22	54	54
	06:40	07:01	23	21	
08.06	06:15	07:08	22	53	53
	06:40	07:00	23	20	
09.06	06:15	07:09	22	54	54
	06:42	07:00	23	18	
10.06	06:14	07:09	22	55	55
	06:42	06:59	23	17	
11.06	06:15	07:10	22	55	55
	06:43	06:59	23	16	
12.06	06:15	07:10	22	55	55
	06:44	06:59	23	15	
13.06	06:15	07:11	22	56	56
	06:45	06:58	23	13	
14.06	06:14	07:10	22	56	56
	06:45	06:57	23	12	
15.06	06:15	07:11	22	56	56
	06:46	06:57	23	11	
16.06	06:15	07:11	22	56	56
	06:47	06:56	23	9	
17.06	06:15	07:11	22	56	56
	06:48	06:56	23	8	
18.06	06:15	07:11	22	56	56
	06:49	06:55	23	6	
19.06	06:15	07:12	22	57	57
	06:49	06:55	23	6	
20.06	06:16	07:13	22	57	57
	06:51	06:56	23	5	
21.06	06:16	07:13	22	57	57
	06:51	06:55	23	4	
22.06	06:16	07:13	22	57	57
	06:51	06:56	23	5	
23.06	06:16	07:13	22	57	57
	06:51	06:56	23	5	
24.06	06:17	07:14	22	57	57
	06:51	06:57	23	6	
25.06	06:17	07:13	22	56	56
	06:50	06:58	23	8	
26.06	06:17	07:13	22	56	56
	06:49	06:58	23	9	
27.06	06:18	07:14	22	56	56
	06:50	06:59	23	9	
28.06	06:18	07:13	22	55	55
	06:49	07:00	23	11	
29.06	06:18	07:14	22	56	56
	06:49	07:01	23	12	
30.06	06:18	07:13	22	55	55
	06:48	07:02	23	14	
01.07	06:19	07:14	22	55	55
	06:47	07:03	23	16	
02.07	06:19	07:14	22	55	55
	06:47	07:04	23	17	
03.07	06:19	07:13	22	54	54
	06:47	07:05	23	18	

WEA01					
Datum	Start	Ende	IO	Min IO	Min gesamt
04.07	06:20	07:14	22	54	54
	06:46	07:05	23	19	
05.07	06:20	07:14	22	54	54
	06:46	07:06	23	20	
06.07	06:21	07:14	22	53	53
	06:45	07:07	23	22	
07.07	06:22	07:14	22	52	52
	06:45	07:08	23	23	
08.07	06:22	07:14	22	52	52
	06:45	07:09	23	24	
09.07	06:23	07:14	22	51	51
	06:44	07:10	23	26	
10.07	06:23	07:14	22	51	51
	06:44	07:11	23	27	
11.07	06:24	07:13	22	49	49
	06:43	07:12	23	29	
12.07	06:24	07:13	22	49	49
	06:43	07:12	23	29	
13.07	06:25	07:13	22	48	48
	06:42	07:13	23	31	
14.07	06:26	07:12	22	46	48
	06:42	07:14	23	32	
15.07	06:26	07:11	22	45	48
	06:42	07:14	23	32	
16.07	06:27	07:11	22	44	48
	06:41	07:15	23	34	
17.07	06:27	07:10	22	43	48
	06:41	07:15	23	34	
18.07	06:28	07:09	22	41	47
	06:40	07:15	23	35	
19.07	06:30	07:09	22	39	47
	06:40	07:17	23	37	
20.07	06:31	07:08	22	37	46
	06:40	07:17	23	37	
21.07	06:32	07:06	22	34	45
	06:39	07:17	23	38	
22.07	06:33	07:05	22	32	45
	06:40	07:18	23	38	
23.07	06:35	07:04	22	29	43
	06:39	07:18	23	39	
24.07	06:37	07:02	22	25	41
	06:39	07:18	23	39	
25.07	06:39	07:19	23	40	40
	06:40	07:00	22	20	
26.07	06:39	07:19	23	40	40
	06:43	06:56	22	13	
27.07	06:38	07:18	23	40	40
	06:39	07:19	23	40	
28.07	06:39	07:19	23	40	40
	06:39	07:19	23	40	
30.07	06:39	07:19	23	40	40
	06:39	07:19	23	40	
31.07	06:39	07:19	23	40	40
	06:39	07:19	23	40	
01.08	06:38	07:18	23	40	39
	06:39	07:18	23	39	
02.08	06:39	07:18	23	39	39
	06:39	07:18	23	39	
03.08	06:39	07:18	23	39	38
	06:40	07:18	23	38	
04.08	06:40	07:18	23	38	38
	06:39	07:17	23	38	
05.08	06:39	07:17	23	38	37
	06:40	07:17	23	37	
06.08	06:40	07:17	23	37	35
	06:40	07:15	23	35	
07.08	06:40	07:15	23	35	34
	06:41	07:15	23	34	



WEA01						
Datum	Start	Ende	IO		Min IO	Min gesamt
09.08	06:42	07:13	23		31	31
10.08	06:43	07:13	23		30	30
11.08	06:44	07:12	23		28	28
12.08	06:45	07:10	23		25	25
13.08	06:47	07:08	23		21	21
14.08	06:49	07:05	23		16	16
15.08	06:54	07:01	23		7	7
04.09	07:46	07:52	24		6	6
05.09	07:41	07:54	24		13	13
06.09	07:39	07:56	24		17	17
07.09	07:37	07:57	24		20	20
08.09	07:36	07:58	24		22	22
09.09	07:35	07:59	24		24	24
10.09	07:33	07:58	24		25	25
11.09	07:33	07:59	24		26	26
12.09	07:32	07:58	24		26	26
13.09	07:32	07:58	24		26	26
14.09	07:32	07:58	24		26	26
15.09	07:32	07:56	24		24	24
16.09	07:32	07:56	24		24	24
17.09	07:33	07:55	24		22	22
18.09	07:33	07:53	24		20	20
19.09	07:35	07:51	24		16	16
20.09	07:37	07:48	24		11	11
24.09	18:19	18:21	5		2	2
25.09	18:14	18:26	5		12	12
26.09	18:12	18:28	5		16	16
27.09	18:09	18:28	5		19	19
28.09	18:08	18:29	5		21	21
29.09	18:07	18:30	5		23	23
30.09	18:06	18:29	5		23	23
01.10	18:05	18:29	5		24	24
02.10	18:05	18:29	5		24	24
03.10	18:05	18:29	5		24	24
04.10	18:04	18:28	5		24	24
05.10	18:05	18:27	5		22	22
06.10	18:06	18:26	5		20	20
07.10	18:07	18:25	5		18	18
08.10	18:08	18:23	5		15	15
09.10	18:10	18:19	5		9	9
18.10	17:22	17:33	4		11	11
19.10	17:20	17:35	4		15	15
20.10	17:18	17:36	4		18	18
21.10	17:17	17:37	4		20	20
22.10	17:16	17:38	4		22	22
23.10	17:16	17:38	4		22	22
24.10	09:08	09:19	25		11	33
	17:16	17:38	4		22	
25.10	08:06	08:21	25		15	38
	16:15	16:38	4		23	
26.10	08:05	08:23	25		18	41
	16:15	16:38	4		23	
27.10	08:04	08:24	25		20	41
	16:16	16:37	4		21	
28.10	08:03	08:25	25		22	43
	16:16	16:37	4		21	
29.10	08:02	08:25	25		23	42
	16:17	16:36	4		19	
30.10	08:02	08:25	25		23	39
	16:18	16:34	4		16	

WEA01						
Datum	Start	Ende	IO		Min IO	Min gesamt
31.10	08:02	08:26	25		24	37
	16:19	16:32	4		13	
01.11	08:02	08:26	25		24	33
	16:21	16:30	4		9	
02.11	08:02	08:26	25		24	27
	16:25	16:28	4		3	
03.11	08:02	08:25	25		23	23
04.11	08:02	08:25	25		23	23
05.11	08:03	08:24	25		21	21
06.11	08:04	08:24	25		20	20
07.11	08:05	08:23	25		18	18
08.11	08:06	08:22	25		16	22
	15:27	15:33	2		6	
09.11	08:08	08:20	25		12	24
	15:24	15:36	2		12	
10.11	08:11	08:17	25		6	22
	15:22	15:38	2		16	
11.11	15:21	15:40	2		19	19
12.11	15:20	15:41	2		21	21
13.11	15:20	15:42	2		22	22
14.11	15:19	15:42	2		23	23
15.11	15:19	15:43	2		24	24
16.11	15:19	15:44	2		25	25
17.11	15:19	15:44	2		25	25
18.11	15:19	15:44	2		25	25
19.11	15:19	15:45	2		26	26
20.11	15:19	15:45	2		26	26
21.11	15:20	15:45	2		25	25
22.11	15:20	15:46	2		26	26
23.11	15:20	15:45	2		25	25
24.11	15:21	15:45	2		24	24
25.11	15:22	15:45	2		23	23
26.11	09:44	09:52	26		8	30
	15:23	15:45	2		22	
27.11	09:43	09:55	26		12	33
	15:24	15:45	2		21	
28.11	09:41	09:56	26		15	35
	15:24	15:44	2		20	
29.11	09:40	09:58	26		18	37
	15:25	15:44	2		19	
30.11	09:40	09:59	26		19	37
	15:26	15:44	2		18	
01.12	09:39	10:00	26		21	37
	15:27	15:43	2		16	
02.12	09:39	10:01	26		22	40
	14:40	14:44	29		4	
	15:29	15:43	2		14	
03.12	09:40	10:03	26		23	44
	14:39	14:47	29		8	
	15:29	15:42	2		13	
04.12	09:39	10:03	26		24	46
	14:37	14:49	29		12	
	15:32	15:42	2		10	
05.12	09:40	10:04	26		24	45
	14:36	14:50	29		14	
	15:33	15:40	2		7	
06.12	09:39	10:05	26		26	41
	14:36	14:51	29		15	
07.12	09:39	10:05	26		26	43
	14:35	14:52	29		17	



WEA01						
Datum	Start	Ende	IO		Min IO	Min gesamt
08.12	09:40	10:06	26		26	44
	14:36	14:54	29		18	
09.12	09:40	10:07	26		27	47
	14:35	14:55	29		20	
10.12	09:40	10:07	26		27	47
	14:35	14:55	29		20	
11.12	09:40	10:08	26		28	49
	14:35	14:56	29		21	
12.12	09:40	10:08	26		28	49
	14:35	14:56	29		21	
13.12	09:40	10:09	26		29	51
	14:35	14:57	29		22	
14.12	09:41	10:09	26		28	50
	14:36	14:58	29		22	
15.12	09:41	10:10	26		29	51
	14:36	14:58	29		22	
16.12	09:42	10:10	26		28	51
	14:36	14:59	29		23	
17.12	09:42	10:11	26		29	52
	14:37	15:00	29		23	
18.12	09:43	10:12	26		29	52
	14:38	15:01	29		23	
19.12	09:43	10:12	26		29	53
	14:37	15:01	29		24	
20.12	09:44	10:13	26		29	52
	14:38	15:01	29		23	
21.12	09:45	10:13	26		28	51
	14:38	15:01	29		23	
22.12	09:45	10:13	26		28	51
	14:39	15:02	29		23	
23.12	09:45	10:13	26		28	51
	14:39	15:02	29		23	
24.12	09:46	10:15	26		29	53
	14:40	15:04	29		24	
25.12	09:46	10:15	26		29	53
	14:40	15:04	29		24	
26.12	09:46	10:15	26		29	52
	14:41	15:04	29		23	
27.12	09:47	10:15	26		28	51
	14:41	15:04	29		23	
28.12	09:48	10:17	26		29	51
	14:42	15:04	29		22	
29.12	09:49	10:17	26		28	51
	14:42	15:05	29		23	
30.12	09:48	10:16	26		28	50
	14:43	15:05	29		22	
31.12	09:49	10:17	26		28	49
	14:44	15:05	29		21	



WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	09:39	10:13	27	34	95
	12:04	12:16	28	12	
	14:18	14:56	29	38	
	14:41	15:07	1	26	
02.01	09:40	10:13	27	33	90
	12:06	12:15	28	9	
	14:19	14:57	29	38	
	14:42	15:07	1	25	
03.01	09:40	10:14	27	34	84
	12:10	12:12	28	2	
	14:20	14:57	29	37	
	14:43	15:08	1	25	
04.01	09:40	10:14	27	34	81
	14:20	14:57	29	37	
	14:43	15:07	1	24	
05.01	09:41	10:15	27	34	81
	14:21	14:58	29	37	
	14:44	15:08	1	24	
06.01	09:42	10:16	27	34	81
	14:22	14:58	29	36	
	14:46	15:09	1	23	
07.01	09:41	10:16	27	35	81
	14:22	14:58	29	36	
	14:46	15:08	1	22	
08.01	09:41	10:16	27	35	81
	14:22	14:58	29	36	
	14:47	15:08	1	21	
09.01	09:43	10:17	27	34	79
	14:23	14:59	29	36	
	14:48	15:08	1	20	
10.01	09:43	10:17	27	34	78
	14:24	14:59	29	35	
	14:49	15:08	1	19	
11.01	09:43	10:17	27	34	77
	14:24	14:59	29	35	
	14:50	15:07	1	17	
12.01	09:44	10:18	27	34	75
	14:25	14:58	29	33	
	14:51	15:06	1	15	
13.01	09:44	10:18	27	34	74
	14:26	14:59	29	33	
	14:54	15:06	1	12	
14.01	09:45	10:19	27	34	71
	14:27	14:59	29	32	
	14:56	15:04	1	8	
15.01	09:45	10:19	27	34	65
	14:28	14:59	29	31	
16.01	09:46	10:19	27	33	63
	14:29	14:59	29	30	
17.01	09:47	10:19	27	32	61
	14:29	14:58	29	29	
18.01	09:46	10:18	27	32	58
	14:31	14:57	29	26	
19.01	09:47	10:18	27	31	56
	14:32	14:57	29	25	
20.01	09:48	10:18	27	30	67
	14:34	14:56	29	22	
	15:56	16:05	2	9	
	16:10	16:16	3	6	

WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
21.01	09:49	10:18	27	29	72
	14:36	14:56	29	20	
	15:54	16:08	2	14	
	16:09	16:18	3	9	
22.01	09:50	10:17	27	27	71
	14:37	14:54	29	17	
	15:52	16:09	2	17	
	16:07	16:19	3	12	
23.01	09:51	10:17	27	26	69
	14:40	14:52	29	12	
	15:51	16:11	2	20	
	16:06	16:22	3	16	
24.01	09:53	10:17	27	24	58
	15:49	16:12	2	23	
	16:05	16:23	3	18	
25.01	08:59	09:02	26	3	62
	09:53	10:16	27	23	
	15:49	16:14	2	25	
	16:05	16:25	3	20	
26.01	08:56	09:07	26	11	68
	09:55	10:15	27	20	
	15:49	16:16	2	27	
	16:05	16:26	3	21	
27.01	08:54	09:09	26	15	70
	09:57	10:13	27	16	
	15:48	16:16	2	28	
	16:05	16:27	3	22	
28.01	08:53	09:11	26	18	69
	10:00	10:11	27	11	
	15:47	16:17	2	30	
	16:04	16:27	3	23	
29.01	08:51	09:12	26	21	62
	15:47	16:18	2	31	
	16:05	16:28	3	23	
30.01	08:50	09:13	26	23	65
	15:46	16:19	2	33	
	16:05	16:28	3	23	
31.01	08:50	09:15	26	25	67
	15:46	16:19	2	33	
	16:04	16:28	3	24	
01.02	08:50	09:15	26	25	68
	15:46	16:20	2	34	
	16:05	16:29	3	24	
02.02	08:49	09:16	26	27	69
	15:46	16:20	2	34	
	16:06	16:28	3	22	
03.02	08:48	09:16	26	28	70
	15:46	16:21	2	35	
	16:06	16:28	3	22	
04.02	08:49	09:17	26	28	70
	15:45	16:21	2	36	
	16:06	16:27	3	21	
05.02	08:49	09:18	26	29	70
	15:46	16:22	2	36	
	16:08	16:27	3	19	
06.02	08:49	09:18	26	29	69
	15:46	16:21	2	35	
	16:09	16:26	3	17	
07.02	08:49	09:18	26	29	67
	15:47	16:21	2	34	
	16:10	16:25	3	15	



WEA02						
Datum	Start	Ende	IO	Min IO	Min gesamt	
08.02	08:49	09:17	26	28	64	
	15:47	16:21	2	34		
	16:12	16:23	3	11		
09.02	08:49	09:17	26	28	62	
	15:47	16:21	2	34		
	16:16	16:19	3	3		
10.02	08:49	09:17	26	28	60	
	15:48	16:20	2	32		
11.02	08:50	09:16	26	26	57	
	15:49	16:20	2	31		
12.02	08:50	09:16	26	26	56	
	15:49	16:19	2	30		
13.02	08:51	09:15	26	24	52	
	15:50	16:18	2	28		
14.02	08:53	09:14	26	21	46	
	15:52	16:17	2	25		
15.02	08:54	09:12	26	18	41	
	15:53	16:16	2	23		
16.02	08:56	09:10	26	14	32	
	15:56	16:14	2	18		
17.02	09:00	09:06	26	6	18	
	15:59	16:11	2	12		
24.02	17:11	17:22	4	11	11	
25.02	17:08	17:25	4	17	17	
26.02	17:06	17:27	4	21	21	
27.02	07:48	07:57	25	9	32	
	17:05	17:28	4	23		
28.02	07:46	07:59	25	13	38	
	17:03	17:28	4	25		
29.02	07:43	08:00	25	17	43	
	17:03	17:29	4	26		
01.03	07:41	08:01	25	20	48	
	17:02	17:30	4	28		
02.03	07:41	08:02	25	21	50	
	17:01	17:30	4	29		
03.03	07:40	08:01	25	21	50	
	17:01	17:30	4	29		
04.03	07:40	08:02	25	22	51	
	17:01	17:30	4	29		
05.03	07:40	08:02	25	22	51	
	17:00	17:29	4	29		
06.03	07:39	08:00	25	21	49	
	17:01	17:29	4	28		
07.03	07:40	08:00	25	20	48	
	17:01	17:29	4	28		
08.03	07:41	07:59	25	18	44	
	17:01	17:27	4	26		
09.03	07:41	07:57	25	16	40	
	17:02	17:26	4	24		
10.03	07:43	07:55	25	12	34	
	17:03	17:25	4	22		
11.03	07:46	07:52	25	6	25	
	17:04	17:23	4	19		
12.03	17:07	17:20	4	13	13	
13.03	17:12	17:16	4	4	4	
25.03	18:04	18:16	5	12	12	
26.03	18:02	18:19	5	17	17	
27.03	17:59	18:20	5	21	21	
28.03	17:57	18:22	5	25	25	

WEA02						
Datum	Start	Ende	IO	Min IO	Min gesamt	
29.03	18:55	19:22	5	27	27	
30.03	18:55	19:23	5	28	28	
31.03	18:54	19:24	5	30	30	
01.04	18:53	19:23	5	30	30	
02.04	18:52	19:23	5	31	31	
03.04	18:52	19:23	5	31	31	
04.04	18:51	19:22	5	31	31	
05.04	18:52	19:22	5	30	30	
06.04	18:52	19:22	5	30	30	
07.04	18:53	19:21	5	28	28	
08.04	18:52	19:20	5	28	28	
09.04	07:09	07:14	24	5	31	
	18:53	19:19	5	26		
10.04	07:07	07:17	24	10	34	
	18:54	19:18	5	24		
11.04	07:05	07:19	24	14	34	
	18:55	19:15	5	20		
12.04	07:02	07:19	24	17	33	
	18:57	19:13	5	16		
13.04	07:00	07:20	24	20	30	
	19:00	19:10	5	10		
14.04	06:59	07:20	24	21	21	
15.04	06:59	07:21	24	22	22	
16.04	06:59	07:21	24	22	22	
17.04	06:58	07:19	24	21	21	
18.04	06:58	07:19	24	21	21	
19.04	06:58	07:18	24	20	20	
20.04	06:59	07:18	24	19	19	
21.04	07:00	07:16	24	16	16	
22.04	07:01	07:15	24	14	14	
23.04	07:03	07:12	24	9	9	
15.05	06:06	06:10	23	4	4	
16.05	06:03	06:14	23	11	11	
17.05	06:00	06:16	23	16	16	
18.05	05:59	06:17	23	18	18	
19.05	05:59	06:19	23	20	20	
20.05	05:57	06:19	23	22	22	
21.05	05:57	06:20	23	23	23	
22.05	05:56	06:21	23	25	25	
23.05	05:56	06:22	23	26	26	
24.05	05:56	06:22	23	26	26	
25.05	05:55	06:22	23	27	27	
26.05	05:54	06:22	23	28	28	
27.05	05:54	06:22	23	28	28	
28.05	05:55	06:24	23	29	29	
29.05	05:55	06:24	23	29	29	
30.05	05:55	06:24	23	29	29	
31.05	05:55	06:24	23	29	29	
01.06	05:55	06:24	23	29	29	
02.06	05:55	06:24	23	29	29	
03.06	05:55	06:25	23	30	30	
04.06	05:55	06:25	23	30	30	
05.06	05:56	06:25	23	29	29	
06.06	05:56	06:25	23	29	29	
07.06	05:57	06:25	23	28	28	
08.06	05:56	06:25	23	29	29	
09.06	05:57	06:26	23	29	29	
10.06	05:56	06:25	23	29	29	
11.06	05:57	06:25	23	28	28	



WEA02						
Datum	Start	Ende	IO		Min IO	Min gesamt
12.06	05:58	06:26	23		28	28
13.06	05:58	06:26	23		28	28
14.06	05:57	06:25	23		28	28
15.06	05:50	05:55	22		5	33
	05:58	06:26	23		28	
16.06	05:49	05:56	22		7	35
	05:58	06:26	23		28	
17.06	05:48	05:57	22		9	37
	05:58	06:26	23		28	
18.06	05:48	05:58	22		10	37
	05:59	06:26	23		27	
19.06	05:48	05:58	22		10	37
	05:59	06:26	23		27	
20.06	05:49	05:59	22		10	37
	06:00	06:27	23		27	
21.06	05:49	06:00	22		11	38
	06:00	06:27	23		27	
22.06	05:49	05:59	22		10	37
	06:00	06:27	23		27	
23.06	05:49	05:59	22		10	37
	06:00	06:27	23		27	
24.06	05:50	06:00	22		10	37
	06:01	06:28	23		27	
25.06	05:50	05:59	22		9	36
	06:01	06:28	23		27	
26.06	05:51	05:59	22		8	36
	06:00	06:28	23		28	
27.06	05:52	05:58	22		6	34
	06:01	06:29	23		28	
28.06	05:54	05:57	22		3	31
	06:01	06:29	23		28	
29.06	06:01	06:29	23		28	28
30.06	06:01	06:29	23		28	28
01.07	06:01	06:30	23		29	29
02.07	06:02	06:30	23		28	28
03.07	06:02	06:31	23		29	29
04.07	06:01	06:30	23		29	29
05.07	06:02	06:31	23		29	29
06.07	06:02	06:31	23		29	29
07.07	06:02	06:32	23		30	30
08.07	06:03	06:32	23		29	29
09.07	06:03	06:32	23		29	29
10.07	06:03	06:32	23		29	29
11.07	06:03	06:32	23		29	29
12.07	06:03	06:32	23		29	29
13.07	06:03	06:32	23		29	29
14.07	06:04	06:32	23		28	28
15.07	06:04	06:32	23		28	28
16.07	06:04	06:32	23		28	28
17.07	06:04	06:32	23		28	28
18.07	06:04	06:31	23		27	27
19.07	06:05	06:32	23		27	27
20.07	06:05	06:31	23		26	26
21.07	06:06	06:31	23		25	25
22.07	06:07	06:31	23		24	24
23.07	06:07	06:30	23		23	23
24.07	06:08	06:29	23		21	21
25.07	06:09	06:29	23		20	20
26.07	06:10	06:27	23		17	17

WEA02						
Datum	Start	Ende	IO		Min IO	Min gesamt
27.07	06:12	06:25	23		13	13
28.07	06:14	06:23	23		9	9
20.08	07:08	07:19	24		11	11
21.08	07:06	07:20	24		14	14
22.08	07:04	07:21	24		17	17
23.08	07:03	07:21	24		18	18
24.08	07:02	07:22	24		20	20
25.08	07:02	07:23	24		21	21
26.08	07:01	07:22	24		21	21
27.08	07:01	07:22	24		21	21
28.08	07:00	07:21	24		21	21
29.08	07:00	07:21	24		21	21
30.08	07:01	07:21	24		20	30
	19:00	19:10	5		10	
31.08	07:02	07:19	24		17	33
	18:57	19:13	5		16	
01.09	07:04	07:18	24		14	34
	18:55	19:15	5		20	
02.09	07:05	07:15	24		10	34
	18:52	19:16	5		24	
03.09	07:07	07:12	24		5	31
	18:51	19:17	5		26	
04.09	18:49	19:17	5		28	28
05.09	18:49	19:17	5		28	28
06.09	18:48	19:18	5		30	30
07.09	18:47	19:17	5		30	30
08.09	18:47	19:18	5		31	31
09.09	18:46	19:17	5		31	31
10.09	18:46	19:17	5		31	31
11.09	18:46	19:16	5		30	30
12.09	18:45	19:15	5		30	30
13.09	18:46	19:14	5		28	28
14.09	18:47	19:13	5		26	26
15.09	18:47	19:11	5		24	24
16.09	18:48	19:10	5		22	22
17.09	18:49	19:07	5		18	18
18.09	18:51	19:05	5		14	14
01.10	17:47	17:58	4		11	11
02.10	17:44	18:01	4		17	17
	08:22	08:32	25		10	
03.10	17:42	18:02	4		20	30
	08:20	08:34	25		14	
04.10	17:40	18:03	4		23	37
	08:17	08:35	25		18	
05.10	17:38	18:04	4		26	44
	08:16	08:36	25		20	
06.10	17:38	18:04	4		26	46
	08:15	08:36	25		21	
07.10	17:37	18:05	4		28	49
	08:15	08:37	25		22	
08.10	17:36	18:05	4		29	51
	08:15	08:37	25		22	
09.10	17:35	18:04	4		29	51
	08:14	08:35	25		21	
10.10	17:35	18:04	4		29	50
	08:14	08:35	25		21	
11.10	17:35	18:04	4		29	50
	08:14	08:35	25		21	
12.10	17:35	18:03	4		28	49
	08:14	08:35	25		21	



WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
13.10	08:15	08:34	25	19	47
	17:35	18:03	4	28	
14.10	08:17	08:33	25	16	42
	17:36	18:02	4	26	
15.10	08:19	08:31	25	12	36
	17:37	18:01	4	24	
16.10	08:21	08:28	25	7	29
	17:37	17:59	4	22	
17.10	17:38	17:57	4	19	19
18.10	17:40	17:55	4	15	15
19.10	17:43	17:52	4	9	9
26.10	08:28	08:37	26	9	23
	15:27	15:41	2	14	
27.10	08:25	08:40	26	15	34
	15:25	15:44	2	19	
28.10	08:23	08:42	26	19	41
	15:23	15:45	2	22	
29.10	08:22	08:44	26	22	48
	15:21	15:47	2	26	
30.10	08:21	08:45	26	24	52
	15:20	15:48	2	28	
31.10	08:20	08:45	26	25	55
	15:19	15:49	2	30	
01.11	08:19	08:46	26	27	58
	15:18	15:49	2	31	
02.11	08:19	08:47	26	28	61
	15:17	15:50	2	33	
03.11	08:19	08:47	26	28	61
	15:17	15:50	2	33	
	15:45	15:50	3	5	
04.11	08:18	08:47	26	29	65
	15:17	15:51	2	34	
	15:42	15:53	3	11	
05.11	08:18	08:47	26	29	68
	15:16	15:51	2	35	
	15:40	15:55	3	15	
06.11	08:18	08:47	26	29	69
	15:16	15:51	2	35	
	15:39	15:56	3	17	
07.11	08:19	08:47	26	28	69
	15:16	15:51	2	35	
	15:38	15:57	3	19	
08.11	08:19	08:47	26	28	70
	15:16	15:51	2	35	
	15:37	15:58	3	21	
09.11	08:19	08:47	26	28	71
	15:16	15:51	2	35	
	15:37	15:59	3	22	
10.11	08:20	08:47	26	27	69
	15:17	15:51	2	34	
	15:36	15:59	3	23	
11.11	08:20	08:46	26	26	68
	15:17	15:51	2	34	
	15:36	15:59	3	23	
12.11	08:21	08:46	26	25	67
	15:18	15:51	2	33	
	15:36	16:00	3	24	
13.11	08:22	08:45	26	23	65
	15:18	15:51	2	33	
	15:36	16:00	3	24	

WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
14.11	08:23	08:44	26	21	62
	15:19	15:50	2	31	
	15:37	16:00	3	23	
15.11	08:25	08:43	26	18	69
	09:32	09:43	27	11	
	15:20	15:50	2	30	
16.11	08:27	08:42	26	15	70
	09:30	09:46	27	16	
	15:21	15:49	2	28	
17.11	08:29	08:40	26	11	68
	09:28	09:48	27	20	
	15:22	15:49	2	27	
18.11	08:33	08:36	26	3	62
	09:27	09:50	27	23	
	15:23	15:48	2	25	
19.11	09:27	09:51	27	24	58
	15:24	15:47	2	23	
	15:40	15:58	3	18	
20.11	09:26	09:52	27	26	68
	14:16	14:27	29	11	
	15:26	15:46	2	20	
21.11	09:26	09:53	27	27	71
	14:13	14:30	29	17	
	15:28	15:45	2	17	
22.11	09:25	09:54	27	29	72
	14:12	14:32	29	20	
	15:30	15:44	2	14	
23.11	09:25	09:55	27	30	67
	14:10	14:32	29	22	
	15:32	15:41	2	9	
24.11	09:24	09:55	27	31	56
	14:09	14:34	29	25	
	15:31	15:46	2	14	
25.11	09:24	09:56	27	32	58
	14:09	14:35	29	26	
	15:31	15:46	2	14	
26.11	09:25	09:57	27	32	61
	14:08	14:37	29	29	
	15:31	15:46	2	14	
27.11	09:25	09:58	27	33	63
	14:08	14:38	29	30	
	15:31	15:46	2	14	
28.11	09:24	09:58	27	34	65
	14:07	14:38	29	31	
	15:31	15:46	2	14	
29.11	09:25	09:59	27	34	71
	14:07	14:39	29	32	
	14:37	14:44	1	7	
30.11	09:26	09:59	27	33	72
	14:08	14:40	29	32	
	14:35	14:47	1	12	
01.12	09:25	09:59	27	34	75
	14:07	14:41	29	34	
	14:34	14:48	1	14	
02.12	09:26	10:00	27	34	77
	14:07	14:42	29	35	
	14:33	14:50	1	17	



WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
03.12	09:27	10:01	27	34	78
	14:08	14:43	29	35	
	14:33	14:52	1	19	
04.12	09:27	10:01	27	34	78
	14:08	14:43	29	35	
	14:32	14:52	1	20	
05.12	09:28	10:02	27	34	80
	14:07	14:43	29	36	
	14:32	14:53	1	21	
06.12	09:28	10:02	27	34	80
	14:08	14:44	29	36	
	14:32	14:54	1	22	
07.12	09:28	10:02	27	34	81
	14:08	14:44	29	36	
	14:32	14:55	1	23	
08.12	09:29	10:03	27	34	81
	14:09	14:46	29	37	
	14:33	14:56	1	23	
09.12	09:29	10:03	27	34	82
	14:09	14:46	29	37	
	14:32	14:57	1	25	
10.12	09:29	10:03	27	34	82
	14:09	14:46	29	37	
	14:32	14:57	1	25	
11.12	09:30	10:03	27	33	91
	11:56	12:05	28	9	
	14:09	14:47	29	38	
12.12	09:30	10:04	27	34	93
	11:55	12:06	28	11	
	14:10	14:47	29	37	
13.12	09:31	10:04	27	33	95
	11:55	12:08	28	13	
	14:10	14:47	29	37	
14.12	09:31	10:04	27	33	97
	11:54	12:09	28	15	
	14:10	14:48	29	38	
15.12	09:32	10:05	27	33	98
	11:54	12:10	28	16	
	14:11	14:49	29	38	
16.12	09:32	10:05	27	33	101
	11:54	12:12	28	18	
	14:11	14:49	29	38	
17.12	09:33	10:06	27	33	101
	11:54	12:13	28	19	
	14:12	14:50	29	38	
18.12	09:34	10:07	27	33	101
	11:55	12:14	28	19	
	14:13	14:51	29	38	
19.12	09:34	10:06	27	32	102
	11:54	12:14	28	20	
	14:12	14:50	29	38	

WEA02					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.12	09:35	10:07	27	32	102
	11:55	12:15	28	20	
	14:13	14:51	29	38	
21.12	09:35	10:08	27	33	104
	11:56	12:16	28	20	
	14:13	14:51	29	38	
22.12	09:35	10:08	27	33	103
	11:56	12:16	28	20	
	14:14	14:52	29	38	
23.12	09:35	10:08	27	33	103
	11:56	12:16	28	20	
	14:14	14:52	29	38	
24.12	09:37	10:09	27	32	102
	11:57	12:17	28	20	
	14:15	14:53	29	38	
25.12	09:37	10:10	27	33	101
	11:58	12:17	28	19	
	14:16	14:53	29	37	
26.12	09:37	10:10	27	33	101
	11:58	12:17	28	19	
	14:16	14:54	29	38	
27.12	09:37	10:10	27	33	100
	11:59	12:17	28	18	
	14:16	14:54	29	38	
28.12	09:39	10:12	27	33	99
	12:00	12:17	28	17	
	14:17	14:54	29	37	
29.12	09:39	10:12	27	33	97
	12:01	12:16	28	15	
	14:17	14:55	29	38	
30.12	09:39	10:12	27	33	96
	12:02	12:16	28	14	
	14:18	14:55	29	37	
31.12	09:39	10:12	27	33	94
	12:04	12:16	28	12	
	14:18	14:56	29	38	



WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	09:59	10:43	28	44	133
	13:23	14:22	29	59	
	14:11	14:52	1	41	
02.01	10:00	10:44	28	44	133
	13:24	14:23	29	59	
	14:12	14:53	1	41	
03.01	10:00	10:45	28	45	134
	13:25	14:23	29	58	
	14:12	14:54	1	42	
04.01	10:00	10:45	28	45	134
	13:24	14:23	29	59	
	14:12	14:53	1	41	
05.01	10:00	10:46	28	46	135
	13:25	14:24	29	59	
	14:13	14:54	1	41	
06.01	10:01	10:47	28	46	135
	13:26	14:25	29	59	
	14:14	14:55	1	41	
07.01	10:00	10:47	28	47	136
	13:26	14:25	29	59	
	14:14	14:55	1	41	
08.01	10:00	10:48	28	48	138
	13:25	14:25	29	60	
	14:14	14:55	1	41	
09.01	10:01	10:49	28	48	138
	13:26	14:27	29	61	
	14:15	14:56	1	41	
10.01	10:01	10:49	28	48	137
	13:26	14:27	29	61	
	14:16	14:55	1	39	
11.01	10:01	10:50	28	49	138
	13:26	14:27	29	61	
	14:16	14:55	1	39	
12.01	10:01	10:50	28	49	137
	13:27	14:27	29	60	
	14:17	14:55	1	38	
13.01	10:02	10:52	28	50	138
	13:28	14:29	29	61	
	14:18	14:56	1	38	
14.01	10:02	10:52	28	50	138
	13:28	14:29	29	61	
	14:19	14:56	1	37	
15.01	10:02	10:53	28	51	139
	13:28	14:30	29	62	
	14:19	14:56	1	37	
16.01	10:02	10:53	28	51	138
	13:29	14:30	29	61	
	14:20	14:56	1	36	
17.01	10:02	10:54	28	52	139
	13:28	14:29	29	61	
	14:20	14:55	1	35	
18.01	10:02	10:54	28	52	138
	13:29	14:30	29	61	
	14:21	14:55	1	34	
19.01	10:02	10:54	28	52	138
	13:29	14:30	29	61	
	14:22	14:55	1	33	
20.01	10:02	10:55	28	53	138
	13:30	14:31	29	61	
	14:24	14:55	1	31	

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
21.01	10:03	10:56	28	53	138
	13:30	14:31	29	61	
	14:25	14:55	1	30	
22.01	10:02	10:55	28	53	137
	13:30	14:31	29	61	
	14:26	14:54	1	28	
23.01	10:03	10:56	28	53	135
	13:31	14:31	29	60	
	14:28	14:53	1	25	
24.01	10:04	10:57	28	53	133
	13:32	14:32	29	60	
	14:30	14:52	1	22	
25.01	10:03	10:56	28	53	130
	13:32	14:31	29	59	
	14:32	14:50	1	18	
26.01	10:04	10:57	28	53	125
	13:33	14:32	29	59	
	14:35	14:48	1	13	
27.01	10:04	10:56	28	52	113
	13:33	14:31	29	58	
	14:40	14:43	1	3	
28.01	10:04	10:56	28	52	110
	13:33	14:31	29	58	
	14:40	14:43	1	3	
29.01	10:05	10:57	28	52	114
	13:35	14:31	29	56	
	16:20	16:26	3	6	
30.01	10:05	10:56	28	51	120
	13:35	14:31	29	56	
	16:17	16:30	3	13	
31.01	10:07	10:57	28	50	122
	13:37	14:31	29	54	
	16:14	16:32	3	18	
01.02	10:07	10:56	28	49	122
	13:37	14:30	29	53	
	16:14	16:34	3	20	
02.02	10:07	10:55	28	48	122
	13:38	14:29	29	51	
	16:12	16:35	3	23	
03.02	10:08	10:55	28	47	121
	13:39	14:28	29	49	
	16:11	16:36	3	25	
04.02	10:09	10:55	28	46	120
	13:40	14:27	29	47	
	16:10	16:37	3	27	
05.02	10:10	10:54	28	44	122
	13:42	14:27	29	45	
	16:05	16:11	2	6	
06.02	08:43	08:48	27	5	130
	10:11	10:53	28	42	
	13:43	14:26	29	43	
07.02	15:59	16:17	2	18	137
	16:10	16:39	3	29	
	08:38	08:52	27	14	
08.02	10:12	10:52	28	40	137
	13:45	14:25	29	40	
	15:56	16:20	2	24	
08.02	16:10	16:39	3	29	137
	08:36	08:54	27	18	
	10:13	10:50	28	37	
08.02	13:47	14:23	29	36	137
	15:54	16:23	2	29	
	16:09	16:40	3	31	



WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
09.02	08:34	08:56	27	22	137
	10:14	10:49	28	35	
	13:49	14:21	29	32	
	15:52	16:25	2	33	
10.02	16:09	16:40	3	31	131
	08:33	08:57	27	24	
	10:16	10:47	28	31	
	13:52	14:18	29	26	
11.02	15:50	16:26	2	36	125
	16:09	16:40	3	31	
	08:32	08:59	27	27	
	10:18	10:45	28	27	
12.02	13:56	14:15	29	19	105
	15:48	16:28	2	40	
	16:09	16:40	3	31	
	08:31	08:59	27	28	
13.02	10:21	10:42	28	21	95
	14:04	14:07	29	3	
	15:47	16:29	2	42	
	16:09	16:40	3	31	
14.02	08:31	09:00	27	29	86
	10:25	10:37	28	12	
	15:46	16:30	2	44	
	16:10	16:40	3	30	
15.02	08:30	09:01	27	31	86
	15:44	16:32	2	48	
	16:11	16:39	3	28	
	08:29	09:02	27	33	
16.02	15:44	16:33	2	49	87
	16:12	16:38	3	26	
	08:29	09:02	27	33	
	15:43	16:34	2	51	
17.02	16:13	16:38	3	25	88
	08:29	09:02	27	33	
	15:42	16:35	2	53	
	16:14	16:37	3	23	
18.02	08:30	09:02	27	32	85
	15:41	16:34	2	53	
	16:15	16:34	3	19	
	08:29	09:01	27	32	
19.02	15:41	16:35	2	54	86
	16:17	16:32	3	15	
	08:29	09:01	27	32	
	15:40	16:35	2	55	
20.02	16:21	16:29	3	8	87
	08:30	09:00	27	30	
	15:40	16:36	2	56	
	23.02	08:31	09:00	27	
24.02	15:40	16:36	2	56	83
	08:32	08:59	27	27	
	15:39	16:35	2	56	
	25.02	07:55	08:04	26	
26.02	08:32	08:57	27	25	91
	15:39	16:36	2	57	
	07:52	08:07	26	15	
	08:33	08:55	27	22	
26.02	15:40	16:36	2	56	93

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
27.02	07:50	08:09	26	19	93
	08:35	08:53	27	18	
	15:40	16:36	2	56	
28.02	07:48	08:09	26	21	90
	08:37	08:50	27	13	
	15:39	16:35	2	56	
29.02	07:47	08:10	26	23	78
	15:40	16:35	2	55	
01.03	07:47	08:11	26	24	78
	15:40	16:34	2	54	
02.03	07:46	08:12	26	26	79
	15:40	16:33	2	53	
03.03	07:45	08:11	26	26	78
	15:41	16:33	2	52	
04.03	07:45	08:11	26	26	76
	15:42	16:32	2	50	
05.03	07:45	08:11	26	26	74
	15:43	16:31	2	48	
06.03	07:45	08:10	26	25	72
	15:43	16:30	2	47	
07.03	07:45	08:10	26	25	69
	15:45	16:29	2	44	
08.03	07:46	08:09	26	23	65
	15:45	16:27	2	42	
09.03	07:46	08:07	26	21	59
	15:47	16:25	2	38	
10.03	07:48	08:06	26	18	53
	15:49	16:24	2	35	
11.03	07:49	08:03	26	14	44
	15:51	16:21	2	30	
12.03	07:52	08:00	26	8	32
	15:54	16:18	2	24	
13.03	15:58	16:14	2	16	16
17.03	17:39	17:53	4	14	14
18.03	17:36	17:57	4	21	21
19.03	17:33	17:58	4	25	25
20.03	17:31	18:00	4	29	29
21.03	17:30	18:02	4	32	32
22.03	17:28	18:02	4	34	34
23.03	17:27	18:03	4	36	36
24.03	17:25	18:03	4	38	38
25.03	17:25	18:03	4	38	38
26.03	17:24	18:04	4	40	40
27.03	17:23	18:03	4	40	40
28.03	17:23	18:04	4	41	41
29.03	18:22	19:03	4	41	41
30.03	18:22	19:03	4	41	41
31.03	18:22	19:03	4	41	41
01.04	18:22	19:01	4	39	39
02.04	18:22	19:01	4	39	39
03.04	18:23	19:00	4	37	37
04.04	18:23	18:59	4	36	36
	18:24	18:58	4	34	34
06.04	18:25	18:57	4	32	40
	19:35	19:43	6	8	
07.04	18:26	18:56	4	30	44
	19:31	19:45	6	14	
08.04	18:27	18:53	4	26	44
	19:29	19:47	6	18	



WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
09.04	18:29	18:51	4	22	42
	19:28	19:48	6	20	
10.04	18:31	18:49	4	18	40
	19:27	19:49	6	22	
11.04	18:34	18:44	4	10	33
	19:25	19:48	6	23	
12.04	19:25	19:49	6	24	24
13.04	19:24	19:49	6	25	25
14.04	19:24	19:49	6	25	25
15.04	19:24	19:49	6	25	25
16.04	19:24	19:48	6	24	24
	19:24	19:47	6	23	
17.04	19:24	19:47	6	23	26
	19:57	20:00	7	3	
18.04	19:25	19:46	6	21	31
	19:53	20:03	7	10	
19.04	19:25	19:45	6	20	35
	19:50	20:05	7	15	
20.04	19:27	19:44	6	17	35
	19:49	20:07	7	18	
21.04	19:28	19:42	6	14	34
	19:48	20:08	7	20	
22.04	19:31	19:39	6	8	31
	19:47	20:09	7	22	
	20:03	20:10	9	7	
23.04	19:46	20:09	7	23	26
	20:01	20:12	9	11	
24.04	19:46	20:09	7	23	28
	19:59	20:14	9	15	
25.04	19:45	20:09	7	24	30
	19:58	20:15	9	17	
26.04	19:45	20:09	7	24	32
	19:57	20:17	9	20	
27.04	19:45	20:09	7	24	33
	19:56	20:18	9	22	
28.04	19:45	20:09	7	24	33
	19:56	20:18	9	22	
29.04	19:45	20:08	7	23	33
	19:55	20:06	5	11	
	19:55	20:18	9	23	
30.04	19:46	20:07	7	21	32
	19:52	20:10	5	18	
	19:55	20:18	9	23	
01.05	19:46	20:06	7	20	31
	19:49	20:12	5	23	
	19:55	20:17	9	22	
02.05	19:47	20:13	5	26	30
	19:47	20:05	7	18	
	19:55	20:17	9	22	
03.05	19:45	20:14	5	29	31
	19:48	20:03	7	15	
	19:55	20:16	9	21	
04.05	19:45	20:16	5	31	31
	19:51	20:02	7	11	
	19:56	20:16	9	20	
05.05	19:44	20:17	5	33	33
	19:54	19:58	7	4	
	19:56	20:15	9	19	
06.05	19:43	20:17	5	34	34
	19:57	20:14	9	17	

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
07.05	19:41	20:18	5	37	37
	19:58	20:13	9	15	
08.05	19:42	20:19	5	37	37
	20:00	20:12	9	12	
09.05	19:41	20:19	5	38	38
	20:02	20:09	9	7	
10.05	19:40	20:19	5	39	45
	20:33	20:39	10	6	
11.05	19:40	20:20	5	40	49
	20:32	20:41	10	9	
12.05	19:39	20:20	5	41	53
	20:30	20:42	10	12	
13.05	19:40	20:20	5	40	55
	20:29	20:44	10	15	
14.05	19:39	20:20	5	41	58
	20:28	20:45	10	17	
15.05	19:39	20:20	5	41	60
	20:28	20:47	10	19	
16.05	19:39	20:20	5	41	61
	20:27	20:47	10	20	
17.05	19:39	20:20	5	41	62
	20:27	20:48	10	21	
18.05	19:40	20:21	5	41	63
	20:27	20:49	10	22	
19.05	19:39	20:20	5	41	64
	20:26	20:49	10	23	
20.05	19:40	20:20	5	40	62
	20:27	20:49	10	22	
21.05	19:40	20:20	5	40	62
	20:27	20:49	10	22	
22.05	19:41	20:20	5	39	61
	20:27	20:49	10	22	
23.05	19:40	20:20	5	40	62
	20:27	20:49	10	22	
24.05	19:41	20:19	5	38	60
	20:27	20:49	10	22	
25.05	19:41	20:19	5	38	59
	20:28	20:49	10	21	
26.05	19:42	20:19	5	37	57
	20:28	20:48	10	20	
27.05	19:42	20:19	5	37	57
	20:28	20:48	10	20	
28.05	19:42	20:19	5	37	56
	20:29	20:48	10	19	
29.05	19:43	20:18	5	35	53
	20:29	20:47	10	18	
30.05	19:44	20:19	5	35	52
	20:31	20:48	10	17	
31.05	19:45	20:19	5	34	49
	20:32	20:47	10	15	
01.06	19:45	20:18	5	33	48
	20:32	20:47	10	15	
02.06	19:45	20:18	5	33	46
	20:33	20:46	10	13	
03.06	19:47	20:18	5	31	43
	20:34	20:46	10	12	
04.06	19:47	20:17	5	30	39
	20:35	20:44	10	9	
05.06	19:47	20:17	5	30	37
	20:36	20:43	10	7	





WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
06.06	19:48	20:17	5	29	32
	20:39	20:42	10	3	
07.06	19:49	20:16	5	27	27
08.06	19:50	20:16	5	26	26
09.06	19:51	20:16	5	25	25
10.06	19:51	20:16	5	25	25
11.06	19:52	20:16	5	24	24
12.06	19:53	20:16	5	23	23
13.06	19:52	20:15	5	23	23
14.06	19:53	20:15	5	22	22
15.06	19:54	20:15	5	21	21
16.06	19:54	20:15	5	21	21
17.06	19:55	20:15	5	20	20
18.06	19:55	20:15	5	20	20
19.06	19:56	20:15	5	19	19
20.06	19:56	20:15	5	19	19
21.06	19:57	20:16	5	19	19
22.06	19:57	20:16	5	19	19
23.06	19:57	20:16	5	19	19
24.06	19:56	20:16	5	20	20
25.06	19:57	20:17	5	20	20
26.06	19:57	20:17	5	20	20
27.06	19:57	20:18	5	21	21
28.06	19:56	20:18	5	22	22
29.06	19:57	20:19	5	22	22
30.06	19:56	20:19	5	23	23
01.07	19:56	20:20	5	24	24
02.07	19:56	20:21	5	25	25
03.07	19:55	20:20	5	25	25
04.07	19:55	20:21	5	26	26
05.07	19:55	20:22	5	27	27
06.07	19:55	20:23	5	28	28
	19:55	20:24	5	29	
07.07	20:44	20:50	10	6	35
	19:54	20:23	5	29	
08.07	20:42	20:50	10	8	37
	19:53	20:24	5	31	
09.07	20:41	20:52	10	11	42
	19:53	20:25	5	32	
10.07	20:40	20:53	10	13	45
	19:53	20:25	5	32	
11.07	20:40	20:54	10	14	46
	19:52	20:26	5	34	
12.07	20:39	20:54	10	15	49
	19:53	20:27	5	34	
13.07	20:39	20:55	10	16	50
	19:53	20:28	5	35	
14.07	20:39	20:57	10	18	53
	19:52	20:28	5	36	
15.07	20:39	20:57	10	18	54
	19:52	20:28	5	36	
16.07	20:38	20:57	10	19	55
	19:52	20:28	5	36	
17.07	20:38	20:58	10	20	58
	19:51	20:29	5	38	
18.07	20:37	20:58	10	21	59
	19:51	20:29	5	38	
19.07	20:37	20:58	10	21	60
	19:51	20:30	5	39	
20.07	20:37	20:59	10	22	61
	19:51	20:30	5	39	

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
21.07	19:50	20:30	5	40	62
	20:37	20:59	10	22	
22.07	19:50	20:30	5	40	62
	20:37	20:59	10	22	
23.07	19:50	20:31	5	41	64
	20:37	21:00	10	23	
24.07	19:50	20:31	5	41	63
	20:37	20:59	10	22	
25.07	19:49	20:30	5	41	63
	20:37	20:59	10	22	
26.07	19:50	20:31	5	41	62
	20:38	20:59	10	21	
27.07	19:50	20:31	5	41	62
	20:38	20:59	10	21	
28.07	19:50	20:31	5	41	60
	20:39	20:58	10	19	
29.07	19:50	20:31	5	41	58
	20:39	20:56	10	17	
30.07	19:49	20:30	5	41	56
	20:39	20:54	10	15	
31.07	19:50	20:31	5	41	54
	20:40	20:53	10	13	
01.08	19:50	20:30	5	40	50
	20:41	20:51	10	10	
02.08	19:51	20:30	5	39	46
	20:43	20:50	10	7	
03.08	19:50	20:29	5	39	42
	20:45	20:48	10	3	
04.08	19:51	20:29	5	38	38
	20:11	20:20	9	9	
05.08	19:51	20:28	5	37	37
	20:09	20:22	9	13	
06.08	19:52	20:28	5	36	36
	20:08	20:24	9	16	
07.08	19:52	20:26	5	34	34
	20:06	20:24	9	18	
08.08	19:53	20:26	5	33	33
	20:02	20:09	7	7	
	20:05	20:25	9	20	
09.08	19:54	20:24	5	30	31
	19:59	20:11	7	12	
	20:04	20:25	9	21	
10.08	19:55	20:23	5	28	31
	19:57	20:13	7	16	
	20:04	20:26	9	22	
11.08	19:55	20:14	7	19	30
	19:56	20:21	5	25	
	20:03	20:25	9	22	
12.08	19:55	20:15	7	20	31
	19:58	20:19	5	21	
	20:03	20:26	9	23	
13.08	19:53	20:15	7	22	32
	20:01	20:17	5	16	
	20:02	20:25	9	23	
14.08	19:53	20:16	7	23	32
	20:03	20:25	9	22	
	20:04	20:12	5	8	
15.08	19:53	20:16	7	23	32
	20:03	20:25	9	22	



WEA03						
Datum	Start	Ende	IO	Min IO	Min gesamt	
16.08	19:52	20:16	7	24	32	
	20:03	20:24	9	21		
17.08	19:52	20:16	7	24	31	
	20:04	20:23	9	19		
18.08	19:51	20:15	7	24	30	
	20:04	20:21	9	17		
19.08	19:51	20:15	7	24	28	
	20:05	20:19	9	14		
20.08	19:51	20:14	7	23	25	
	20:06	20:16	9	10		
21.08	19:35	19:45	6	10	33	
	19:52	20:13	7	21		
	20:09	20:15	9	6		
22.08	19:32	19:47	6	15	35	
	19:53	20:13	7	20		
23.08	19:30	19:48	6	18	35	
	19:53	20:10	7	17		
24.08	19:29	19:49	6	20	35	
	19:54	20:09	7	15		
25.08	19:27	19:49	6	22	32	
	19:56	20:06	7	10		
26.08	19:27	19:50	6	23	23	
27.08	19:26	19:50	6	24	24	
28.08	19:25	19:50	6	25	25	
29.08	19:25	19:50	6	25	25	
30.08	19:24	19:49	6	25	25	
31.08	19:25	19:49	6	24	24	
01.09	18:34	18:44	4	10	33	
	19:25	19:48	6	23		
02.09	18:29	18:47	4	18	40	
	19:25	19:47	6	22		
03.09	18:27	18:49	4	22	42	
	19:26	19:46	6	20		
04.09	18:24	18:50	4	26	44	
	19:26	19:44	6	18		
05.09	18:22	18:52	4	30	44	
	19:28	19:42	6	14		
06.09	18:21	18:53	4	32	40	
	19:31	19:39	6	8		
07.09	18:19	18:53	4	34	34	
08.09	18:18	18:54	4	36	36	
09.09	18:16	18:54	4	38	38	
10.09	18:15	18:54	4	39	39	
11.09	18:15	18:55	4	40	40	
12.09	18:14	18:54	4	40	40	
13.09	18:13	18:54	4	41	41	
14.09	18:13	18:54	4	41	41	
15.09	18:12	18:53	4	41	41	
16.09	18:12	18:53	4	41	41	
17.09	18:12	18:51	4	39	39	
18.09	18:12	18:51	4	39	39	
19.09	18:13	18:50	4	37	37	
20.09	18:12	18:49	4	37	37	
21.09	18:13	18:48	4	35	35	
22.09	18:14	18:47	4	33	33	
23.09	18:14	18:44	4	30	30	
24.09	18:16	18:42	4	26	26	
25.09	18:18	18:40	4	22	22	
26.09	18:21	18:37	4	16	16	

WEA03						
Datum	Start	Ende	IO	Min IO	Min gesamt	
27.09	18:25	18:31	4	6	6	
30.09	16:39	16:51	2	12	12	
01.10	16:34	16:56	2	22	22	
02.10	08:29	08:41	26	12	40	
	16:31	16:59	2	28		
03.10	08:26	08:43	26	17	50	
	16:28	17:01	2	33		
04.10	08:25	08:44	26	19	55	
	16:25	17:01	2	36		
05.10	08:22	08:45	26	23	63	
	16:23	17:03	2	40		
06.10	08:22	08:45	26	23	66	
	16:21	17:04	2	43		
07.10	08:21	08:46	26	25	70	
	16:20	17:05	2	45		
08.10	08:20	08:46	26	26	73	
	16:19	17:06	2	47		
09.10	08:20	08:46	26	26	76	
	16:16	17:06	2	50		
10.10	08:19	08:45	26	26	77	
	16:15	17:06	2	51		
11.10	08:19	08:45	26	26	78	
	16:15	17:07	2	52		
12.10	08:19	08:44	26	25	78	
	16:14	17:07	2	53		
13.10	08:20	08:44	26	24	79	
	16:13	17:08	2	55		
14.10	08:21	08:43	26	22	84	
	09:13	09:20	27	7		
	16:13	17:08	2	55		
15.10	08:22	08:42	26	20	91	
	09:09	09:24	27	15		
	16:12	17:08	2	56		
16.10	08:23	08:40	26	17	93	
	09:07	09:27	27	20		
	16:11	17:07	2	56		
17.10	08:24	08:37	26	13	92	
	09:04	09:27	27	23		
	16:11	17:07	2	56		
18.10	08:28	08:33	26	5	86	
	09:03	09:28	27	25		
	16:11	17:07	2	56		
19.10	09:02	09:29	27	27	83	
	16:11	17:07	2	56		
20.10	09:01	09:30	27	29	84	
	16:11	17:06	2	55		
21.10	09:00	09:31	27	31	86	
	16:11	17:06	2	55		
22.10	09:00	09:31	27	31	86	
	16:11	17:06	2	55		
	16:50	17:00	3	10		
23.10	08:59	09:31	27	32	86	
	16:11	17:05	2	54		
	16:47	17:03	3	16		
24.10	08:59	09:31	27	32	85	
	16:12	17:05	2	53		
	16:45	17:05	3	20		
25.10	07:59	08:31	27	32	86	
	15:12	16:04	2	52		
	15:43	16:06	3	23		



WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
26.10	07:59	08:31	27	32	86
	15:13	16:03	2	50	
	15:42	16:07	3	25	
27.10	07:59	08:31	27	32	87
	15:13	16:03	2	50	
	15:41	16:08	3	27	
28.10	07:59	08:31	27	32	87
	15:14	16:02	2	48	
	15:40	16:09	3	29	
29.10	08:00	08:30	27	30	84
	15:15	16:01	2	46	
	15:40	16:09	3	29	
30.10	08:00	08:30	27	30	98
	09:54	10:08	28	14	
	15:16	16:00	2	44	
	15:39	16:10	3	31	
31.10	08:01	08:29	27	28	111
	09:50	10:12	28	22	
	13:31	13:39	29	8	
	15:17	15:58	2	41	
	15:39	16:10	3	31	
01.11	08:02	08:28	27	26	126
	09:47	10:15	28	28	
	13:25	13:45	29	20	
	15:18	15:57	2	39	
	15:39	16:10	3	31	
02.11	08:03	08:27	27	24	132
	09:46	10:17	28	31	
	13:21	13:48	29	27	
	15:20	15:56	2	36	
	15:39	16:10	3	31	
03.11	08:04	08:26	27	22	138
	09:44	10:19	28	35	
	13:18	13:51	29	33	
	15:22	15:54	2	32	
	15:39	16:10	3	31	
04.11	08:06	08:24	27	18	137
	09:43	10:20	28	37	
	13:16	13:53	29	37	
	15:24	15:52	2	28	
	15:39	16:09	3	30	
05.11	08:09	08:21	27	12	136
	09:41	10:22	28	41	
	13:15	13:55	29	40	
	15:26	15:49	2	23	
	15:39	16:09	3	30	
06.11	08:14	08:16	27	2	127
	09:41	10:23	28	42	
	13:13	13:56	29	43	
	15:29	15:46	2	17	
	15:40	16:09	3	29	
07.11	09:40	10:24	28	44	119
	13:12	13:57	29	45	
	15:37	15:39	2	2	
	15:40	16:08	3	28	
08.11	09:39	10:25	28	46	120
	13:11	13:58	29	47	
	15:41	16:08	3	27	
09.11	09:38	10:25	28	47	121
	13:10	13:59	29	49	
	15:42	16:07	3	25	

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
10.11	09:38	10:26	28	48	122
	13:09	14:00	29	51	
	15:43	16:06	3	23	
11.11	09:38	10:27	28	49	122
	13:08	14:01	29	53	
	15:45	16:05	3	20	
12.11	09:37	10:27	28	50	122
	13:07	14:02	29	55	
	15:46	16:03	3	17	
13.11	09:37	10:28	28	51	119
	13:07	14:03	29	56	
	15:49	16:01	3	12	
14.11	09:37	10:29	28	52	114
	13:07	14:03	29	56	
	15:52	15:58	3	6	
15.11	09:37	10:29	28	52	110
	13:06	14:04	29	58	
	14:13	14:16	1	3	
16.11	09:37	10:29	28	52	113
	13:06	14:04	29	58	
	14:13	14:16	1	3	
17.11	09:37	10:30	28	53	126
	13:06	14:05	29	59	
	14:08	14:22	1	14	
18.11	09:37	10:30	28	53	130
	13:06	14:05	29	59	
	14:06	14:24	1	18	
19.11	09:38	10:31	28	53	133
	13:06	14:06	29	60	
	14:04	14:26	1	22	
20.11	09:38	10:31	28	53	135
	13:06	14:06	29	60	
	14:03	14:28	1	25	
21.11	09:38	10:31	28	53	137
	13:06	14:07	29	61	
	14:02	14:30	1	28	
22.11	09:39	10:32	28	53	137
	13:07	14:07	29	60	
	14:01	14:31	1	30	
23.11	09:39	10:32	28	53	138
	13:06	14:07	29	61	
	14:00	14:31	1	31	
24.11	09:39	10:31	28	52	138
	13:06	14:08	29	62	
	14:00	14:32	1	32	
25.11	09:40	10:32	28	52	138
	13:07	14:08	29	61	
	13:59	14:33	1	34	
26.11	09:40	10:32	28	52	139
	13:07	14:09	29	62	
	13:59	14:34	1	35	
27.11	09:41	10:32	28	51	139
	13:08	14:09	29	61	
	13:59	14:36	1	37	
28.11	09:41	10:32	28	51	140
	13:07	14:09	29	62	
	13:59	14:36	1	37	
29.11	09:42	10:32	28	50	139
	13:08	14:09	29	61	
	13:59	14:37	1	38	



WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
30.11	09:43	10:33	28	50	139
	13:09	14:10	29	61	
	13:59	14:38	1	39	
01.12	09:43	10:32	28	49	138
	13:09	14:10	29	61	
	13:59	14:38	1	39	
02.12	09:44	10:33	28	49	138
	13:10	14:10	29	60	
	13:59	14:39	1	40	
03.12	09:45	10:33	28	48	138
	13:10	14:11	29	61	
	14:00	14:40	1	40	
04.12	09:45	10:33	28	48	138
	13:10	14:11	29	61	
	14:00	14:40	1	40	
05.12	09:45	10:33	28	48	138
	13:10	14:11	29	61	
	13:59	14:40	1	41	
06.12	09:47	10:33	28	46	135
	13:12	14:11	29	59	
	14:00	14:41	1	41	
07.12	09:47	10:33	28	46	135
	13:12	14:11	29	59	
	14:00	14:41	1	41	
08.12	09:48	10:34	28	46	135
	13:13	14:12	29	59	
	14:01	14:42	1	41	
09.12	09:49	10:34	28	45	134
	13:13	14:12	29	59	
	14:01	14:42	1	41	
10.12	09:49	10:34	28	45	134
	13:14	14:13	29	59	
	14:01	14:43	1	42	
11.12	09:50	10:34	28	44	133
	13:14	14:13	29	59	
	14:02	14:43	1	41	
12.12	09:50	10:34	28	44	133
	13:14	14:13	29	59	
	14:02	14:43	1	41	
13.12	09:51	10:34	28	43	132
	13:15	14:13	29	58	
	14:02	14:44	1	42	
14.12	09:51	10:34	28	43	132
	13:15	14:14	29	59	
	14:03	14:44	1	41	
15.12	09:52	10:35	28	43	132
	13:16	14:14	29	58	
	14:03	14:45	1	42	
16.12	09:53	10:35	28	42	130
	13:17	14:15	29	58	
	14:04	14:45	1	41	
17.12	09:54	10:36	28	42	131
	13:17	14:15	29	58	
	14:04	14:46	1	42	
18.12	09:55	10:36	28	41	130
	13:18	14:16	29	58	
	14:05	14:47	1	42	
19.12	09:54	10:36	28	42	130
	13:18	14:16	29	58	
	14:05	14:46	1	41	

WEA03					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.12	09:55	10:37	28	42	130
	13:19	14:16	29	57	
	14:06	14:47	1	41	
21.12	09:56	10:38	28	42	131
	13:19	14:16	29	57	
	14:07	14:48	1	41	
22.12	09:56	10:38	28	42	130
	13:20	14:17	29	57	
	14:07	14:48	1	41	
23.12	09:56	10:38	28	42	130
	13:20	14:17	29	57	
	14:07	14:48	1	41	
24.12	09:57	10:39	28	42	130
	13:21	14:18	29	57	
	14:08	14:49	1	41	
25.12	09:57	10:39	28	42	131
	13:21	14:19	29	58	
	14:08	14:50	1	42	
26.12	09:58	10:40	28	42	131
	13:21	14:19	29	58	
	14:08	14:50	1	42	
27.12	09:58	10:40	28	42	130
	13:22	14:19	29	57	
	14:09	14:50	1	41	
28.12	09:58	10:41	28	43	132
	13:22	14:20	29	58	
	14:09	14:51	1	42	
29.12	09:58	10:41	28	43	132
	13:22	14:20	29	58	
	14:10	14:51	1	41	
30.12	09:59	10:42	28	43	131
	13:23	14:21	29	58	
	14:10	14:51	1	41	
31.12	09:59	10:43	28	44	133
	13:23	14:22	29	59	
	14:11	14:52	1	41	

WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
01.01	09:13	09:25	26		12	51
	10:06	10:17	27		11	
	14:37	15:05	2		28	
02.01	09:13	09:27	26		14	53
	10:07	10:17	27		10	
	14:37	15:06	2		29	
03.01	09:13	09:28	26		15	51
	10:09	10:17	27		8	
	14:38	15:06	2		28	
04.01	09:12	09:28	26		16	48
	10:11	10:15	27		4	
	14:38	15:06	2		28	
05.01	09:12	09:29	26		17	44
	14:39	15:06	2		27	
06.01	09:12	09:30	26		18	44
	14:40	15:06	2		26	
07.01	09:12	09:31	26		19	45
	14:41	15:07	2		26	
08.01	09:11	09:31	26		20	45
	14:41	15:06	2		25	
09.01	09:12	09:33	26		21	45
	14:43	15:07	2		24	
10.01	09:12	09:33	26		21	44
	14:43	15:06	2		23	
11.01	09:12	09:34	26		22	44
	14:44	15:06	2		22	
12.01	09:13	09:35	26		22	43
	14:45	15:06	2		21	
13.01	09:13	09:35	26		22	41
	14:47	15:06	2		19	
14.01	09:13	09:36	26		23	39
	14:49	15:05	2		16	
15.01	09:13	09:36	26		23	37
	14:50	15:04	2		14	
16.01	09:13	09:37	26		24	34
	14:53	15:03	2		10	
17.01	09:14	09:37	26		23	25
	14:56	14:58	2		2	
18.01	09:13	09:37	26		24	24
19.01	09:14	09:37	26		23	23
20.01	09:15	09:38	26		23	23
21.01	09:15	09:38	26		23	23
22.01	09:15	09:37	26		22	22
23.01	09:16	09:38	26		22	22
24.01	09:17	09:38	26		21	31
	16:10	16:20	4		10	
25.01	09:18	09:37	26		19	32
	16:09	16:22	4		13	
26.01	09:19	09:37	26		18	35
	16:07	16:24	4		17	
27.01	09:20	09:35	26		15	35
	16:06	16:26	4		20	
28.01	09:23	09:35	26		12	34
	16:05	16:27	4		22	
29.01	09:25	09:32	26		7	30
	16:05	16:28	4		23	
30.01	16:04	16:29	4		25	25
31.01	16:03	16:29	4		26	26
01.02	16:04	16:31	4		27	27

WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
02.02	16:03	16:31	4		28	28
03.02	16:03	16:31	4		28	28
04.02	16:03	16:31	4		28	28
05.02	16:04	16:32	4		28	28
06.02	16:04	16:32	4		28	28
07.02	16:04	16:32	4		28	28
08.02	16:04	16:32	4		28	28
09.02	16:05	16:31	4		26	26
10.02	16:06	16:31	4		25	25
11.02	16:07	16:30	4		23	23
12.02	16:08	16:29	4		21	21
13.02	16:09	16:27	4		18	18
14.02	16:11	16:26	4		15	15
15.02	16:14	16:23	4		9	9
23.02	17:10	17:15	5		5	5
24.02	17:05	17:19	5		14	14
25.02	17:02	17:22	5		20	20
26.02	17:01	17:24	5		23	23
	17:00	17:25	5		25	
27.02	17:30	17:33	6		3	28
	16:58	17:25	5		27	
28.02	17:26	17:35	6		9	36
	16:57	17:26	5		29	
29.02	17:24	17:37	6		13	40
	16:56	17:27	5		31	
01.03	17:23	17:39	6		16	43
	16:55	17:27	5		32	
02.03	17:21	17:40	6		19	45
	16:55	17:27	5		32	
03.03	17:21	17:41	6		20	46
	16:55	17:27	5		32	
04.03	17:21	17:42	6		21	47
	16:54	17:26	5		32	
05.03	17:20	17:41	6		21	47
	16:54	17:26	5		32	
06.03	17:20	17:41	6		21	47
	16:54	17:26	5		32	
07.03	17:21	17:41	6		20	46
	16:55	17:26	5		31	
08.03	17:21	17:39	6		18	49
	17:48	17:52	7		4	
	16:54	17:25	5		31	
09.03	17:44	17:54	7		10	53
	16:55	17:24	5		29	
	17:22	17:38	6		16	
10.03	17:43	17:56	7		13	54
	16:56	17:24	5		28	
	17:23	17:37	6		14	
11.03	17:41	17:57	7		16	49
	16:57	17:22	5		25	
	17:25	17:33	6		8	
12.03	17:40	18:00	7		20	42
	16:58	17:20	5		22	
13.03	17:40	18:00	7		20	38
	17:00	17:18	5		18	
14.03	17:38	18:00	7		22	33
	17:03	17:14	5		11	
15.03	17:39	18:00	7		21	21
16.03	17:38	17:59	7		21	21
17.03	17:38	17:58	7		20	20



WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
18.03	17:39	17:58	7		19	19
19.03	17:40	17:56	7		16	16
20.03	17:41	17:54	7		13	13
21.03	17:44	17:50	7		6	6
28.03	18:25	18:28	10		3	3
29.03	19:20	19:29	10		9	9
30.03	19:19	19:31	10		12	12
31.03	19:17	19:33	10		16	16
01.04	19:16	19:34	10		18	18
02.04	19:15	19:36	10		21	21
03.04	19:15	19:36	10		21	21
04.04	19:14	19:35	10		21	21
05.04	19:14	19:35	10		21	21
06.04	19:15	19:34	10		19	19
07.04	19:14	19:33	10		19	19
08.04	19:15	19:32	10		17	17
09.04	19:17	19:30	10		13	13
10.04	19:19	19:28	10		9	9
12.04	07:06	07:16	23		10	10
13.04	07:03	07:19	23		16	16
14.04	07:01	07:20	23		19	19
15.04	07:00	07:22	23		22	22
16.04	06:59	07:23	23		24	24
	07:10	07:13	22		3	
17.04	06:57	07:22	23		25	25
	07:03	07:17	22		14	
18.04	06:56	07:23	23		27	27
	07:00	07:20	22		20	
19.04	06:56	07:23	23		27	27
	06:58	07:22	22		24	
20.04	06:55	07:23	23		28	28
	06:56	07:23	22		27	
21.04	06:55	07:24	22		29	29
	06:55	07:23	23		28	
22.04	06:54	07:25	22		31	31
	06:55	07:23	23		28	
23.04	06:53	07:26	22		33	33
	06:55	07:23	23		28	
24.04	06:52	07:26	22		34	34
	06:55	07:22	23		27	
25.04	06:51	07:27	22		36	36
	06:56	07:22	23		26	
26.04	06:51	07:27	22		36	36
	06:56	07:21	23		25	
27.04	06:50	07:27	22		37	37
	06:57	07:20	23		23	
28.04	06:50	07:27	22		37	37
	06:57	07:18	23		21	
29.04	06:50	07:27	22		37	37
	06:58	07:17	23		19	
30.04	06:49	07:26	22		37	46
	07:00	07:15	23		15	
	07:02	07:12	23		10	
01.05	06:35	06:44	21		9	53
	06:49	07:26	22		37	
	06:31	06:47	21		16	
02.05	06:49	07:26	22		37	56
03.05	06:30	06:50	21		20	
	06:50	07:26	22		36	

WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
04.05	06:28	06:51	21		23	57
	06:50	07:25	22		35	
05.05	06:26	06:52	21		26	59
	06:50	07:25	22		35	
06.05	06:25	06:53	21		28	59
	06:50	07:24	22		34	
07.05	06:25	06:54	21		29	59
	06:51	07:24	22		33	
08.05	06:23	06:55	21		32	59
	06:52	07:22	22		30	
09.05	06:22	06:55	21		33	59
	06:52	07:21	22		29	
10.05	06:23	06:56	21		33	58
	06:54	07:21	22		27	
11.05	06:22	06:56	21		34	57
	06:54	07:19	22		25	
12.05	06:21	06:56	21		35	56
	06:55	07:17	22		22	
13.05	06:21	06:57	21		36	55
	06:57	07:16	22		19	
14.05	06:20	06:56	21		36	52
	06:58	07:14	22		16	
15.05	06:21	06:57	21		36	47
	07:01	07:12	22		11	
16.05	06:21	06:57	21		36	36
17.05	06:20	06:57	21		37	37
18.05	06:21	06:57	21		36	36
19.05	06:21	06:57	21		36	36
20.05	06:21	06:56	21		35	35
21.05	06:21	06:57	21		36	36
22.05	06:22	06:57	21		35	35
23.05	06:22	06:57	21		35	35
24.05	06:23	06:56	21		33	33
25.05	06:22	06:55	21		33	33
26.05	06:23	06:55	21		32	32
27.05	06:23	06:55	21		32	32
28.05	06:24	06:54	21		30	30
29.05	06:25	06:55	21		30	30
30.05	06:25	06:54	21		29	29
31.05	06:26	06:54	21		28	28
01.06	06:26	06:53	21		27	27
02.06	06:27	06:53	21		26	26
03.06	06:28	06:53	21		25	25
04.06	06:00	06:06	20		6	30
	06:28	06:52	21		24	
05.06	05:58	06:10	20		12	34
	06:30	06:52	21		22	
06.06	05:56	06:11	20		15	36
	06:30	06:51	21		21	
07.06	05:55	06:12	20		17	37
	06:31	06:51	21		20	
08.06	05:55	06:13	20		18	36
	06:32	06:50	21		18	
09.06	05:54	06:15	20		21	38
	06:33	06:50	21		17	
10.06	05:53	06:15	20		22	38
	06:33	06:49	21		16	
11.06	05:53	06:16	20		23	38
	06:34	06:49	21		15	



WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
12.06	05:53	06:17	20		24	38
	06:35	06:49	21		14	
13.06	05:53	06:18	20		25	38
	06:36	06:49	21		13	
14.06	05:52	06:17	20		25	36
	06:36	06:47	21		11	
15.06	05:52	06:18	20		26	36
	06:37	06:47	21		10	
16.06	05:52	06:19	20		27	36
	06:38	06:47	21		9	
17.06	05:52	06:19	20		27	34
	06:39	06:46	21		7	
18.06	05:52	06:19	20		27	33
	06:40	06:46	21		6	
19.06	05:52	06:20	20		28	33
	06:40	06:45	21		5	
20.06	05:53	06:21	20		28	32
	06:42	06:46	21		4	
21.06	05:53	06:21	20		28	32
	06:42	06:46	21		4	
22.06	05:53	06:21	20		28	32
	06:42	06:46	21		4	
23.06	05:53	06:21	20		28	32
	06:42	06:46	21		4	
24.06	05:54	06:21	20		27	32
	06:42	06:47	21		5	
25.06	05:54	06:21	20		27	34
	06:41	06:48	21		7	
26.06	05:54	06:21	20		27	34
	06:41	06:48	21		7	
27.06	05:55	06:21	20		26	35
	06:41	06:50	21		9	
28.06	05:55	06:21	20		26	36
	06:40	06:50	21		10	
29.06	05:56	06:21	20		25	36
	06:40	06:51	21		11	
30.06	05:56	06:20	20		24	37
	06:39	06:52	21		13	
01.07	05:57	06:20	20		23	37
	06:39	06:53	21		14	
02.07	05:58	06:20	20		22	38
	06:38	06:54	21		16	
03.07	05:58	06:19	20		21	38
	06:37	06:54	21		17	
04.07	05:59	06:19	20		20	38
	06:37	06:55	21		18	
05.07	06:01	06:18	20		17	36
	06:37	06:56	21		19	
06.07	06:02	06:18	20		16	36
	06:37	06:57	21		20	
07.07	06:04	06:17	20		13	35
	06:36	06:58	21		22	
08.07	06:06	06:15	20		9	32
	06:36	06:59	21		23	
09.07	06:36	07:00	21		24	24
10.07	06:35	07:01	21		26	26
11.07	06:35	07:01	21		26	26
12.07	06:34	07:02	21		28	28
13.07	06:34	07:03	21		29	29

WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
14.07	06:34	07:03	21		29	29
15.07	06:33	07:04	21		31	31
16.07	06:33	07:04	21		31	31
17.07	06:32	07:04	21		32	32
18.07	06:32	07:05	21		33	33
19.07	06:32	07:06	21		34	34
20.07	06:32	07:06	21		34	34
21.07	06:31	07:06	21		35	35
22.07	06:31	07:06	21		35	35
23.07	06:32	07:07	21		35	35
24.07	06:31	07:07	21		36	36
25.07	06:32	07:08	21		36	36
26.07	06:31	07:07	21		36	36
27.07	06:31	07:07	21		36	36
28.07	06:31	07:08	21		37	43
	07:14	07:20	22		6	
29.07	06:31	07:07	21		36	50
	07:10	07:24	22		14	
30.07	06:32	07:08	21		36	53
	07:09	07:26	22		17	
31.07	06:32	07:07	21		35	56
	07:07	07:28	22		21	
01.08	06:31	07:06	21		35	57
	07:05	07:28	22		23	
02.08	06:32	07:06	21		34	58
	07:04	07:30	22		26	
03.08	06:32	07:05	21		33	59
	07:03	07:31	22		28	
04.08	06:33	07:05	21		32	59
	07:02	07:32	22		30	
05.08	06:33	07:04	21		31	59
	07:01	07:32	22		31	
06.08	06:34	07:04	21		30	59
	07:01	07:33	22		32	
07.08	06:35	07:02	21		27	58
	06:59	07:33	22		34	
08.08	06:36	07:01	21		25	58
	06:59	07:34	22		35	
09.08	06:37	06:59	21		22	57
	06:58	07:34	22		36	
10.08	06:39	06:58	21		19	56
	06:58	07:35	22		37	
11.08	06:42	06:56	21		14	51
	06:58	07:35	22		37	
	07:14	07:18	23		4	
12.08	06:45	06:51	21		6	43
	06:58	07:35	22		37	
	07:10	07:22	23		12	
13.08	06:58	07:35	22		37	37
	07:08	07:24	23		16	
14.08	06:57	07:34	22		37	37
	07:05	07:25	23		20	
15.08	06:57	07:34	22		37	37
	07:05	07:26	23		21	
16.08	06:57	07:33	22		36	36
	07:03	07:26	23		23	
17.08	06:57	07:33	22		36	36
	07:02	07:27	23		25	
18.08	06:57	07:32	22		35	35
	07:01	07:27	23		26	



WEA04					
Datum	Start	Ende	IO	Min IO	Min gesamt
19.08	06:58	07:32	22	34	34
	07:01	07:28	23	27	
20.08	06:59	07:31	22	32	32
	07:01	07:28	23	27	
21.08	06:59	07:30	22	31	31
	07:00	07:28	23	28	
22.08	07:00	07:29	22	29	29
	07:00	07:28	23	28	
23.08	06:59	07:27	23	28	28
	07:00	07:27	22	27	
24.08	07:00	07:27	23	27	27
	07:02	07:25	22	23	
25.08	07:00	07:27	23	27	27
	07:04	07:23	22	19	
26.08	07:00	07:25	23	25	25
	07:06	07:20	22	14	
27.08	07:01	07:24	23	23	23
28.08	07:01	07:22	23	21	21
29.08	07:02	07:21	23	19	19
30.08	07:04	07:19	23	15	15
31.08	07:07	07:15	23	8	8
02.09	19:17	19:26	10	9	9
03.09	19:15	19:28	10	13	13
04.09	19:12	19:29	10	17	17
05.09	19:11	19:30	10	19	19
06.09	19:11	19:30	10	19	19
07.09	19:09	19:30	10	21	21
08.09	19:09	19:30	10	21	21
09.09	19:08	19:29	10	21	21
10.09	19:08	19:29	10	21	21
11.09	19:09	19:28	10	19	19
12.09	19:09	19:25	10	16	16
13.09	19:10	19:23	10	13	13
14.09	19:11	19:21	10	10	10
15.09	19:14	19:18	10	4	4
22.09	18:32	18:33	7	1	1
23.09	18:26	18:37	7	11	11
24.09	18:24	18:39	7	15	15
25.09	18:22	18:40	7	18	18
26.09	18:21	18:41	7	20	20
27.09	18:20	18:40	7	20	20
28.09	18:19	18:41	7	22	22
29.09	17:45	17:54	5	9	31
	18:19	18:41	7	22	
30.09	17:40	17:56	5	16	37
	18:18	18:39	7	21	
01.10	17:38	17:58	5	20	40
	18:19	18:39	7	20	
02.10	17:36	18:00	5	24	44
	18:07	18:09	6	2	
	18:19	18:37	7	18	
03.10	17:35	18:01	5	26	52
	18:02	18:13	6	11	
	18:20	18:35	7	15	
04.10	17:33	18:01	5	28	53
	17:59	18:14	6	15	
	18:20	18:32	7	12	
05.10	17:32	18:02	5	30	51
	17:58	18:16	6	18	
	18:23	18:30	7	7	

WEA04					
Datum	Start	Ende	IO	Min IO	Min gesamt
06.10	17:31	18:02	5	31	45
	17:57	18:16	6	19	
07.10	17:31	18:02	5	31	46
	17:56	18:17	6	21	
08.10	17:30	18:02	5	32	47
	17:56	18:17	6	21	
09.10	17:29	18:01	5	32	47
	17:55	18:16	6	21	
10.10	17:29	18:01	5	32	47
	17:55	18:16	6	21	
11.10	17:29	18:01	5	32	46
	17:55	18:15	6	20	
12.10	17:29	18:00	5	31	44
	17:56	18:13	6	17	
13.10	17:30	18:00	5	30	41
	17:57	18:11	6	14	
14.10	17:30	17:59	5	29	39
	17:58	18:09	6	11	
15.10	17:31	17:58	5	27	34
	17:59	18:06	6	7	
16.10	17:31	17:56	5	25	25
17.10	17:33	17:54	5	21	21
18.10	17:34	17:52	5	18	18
19.10	17:37	17:49	5	12	12
28.10	15:43	15:53	4	10	10
29.10	15:40	15:56	4	16	16
30.10	15:38	15:57	4	19	19
31.10	15:37	15:59	4	22	22
01.11	15:36	16:00	4	24	24
02.11	15:35	16:00	4	25	25
03.11	15:35	16:01	4	26	26
04.11	15:34	16:01	4	27	27
05.11	15:34	16:02	4	28	28
06.11	15:34	16:02	4	28	28
07.11	15:34	16:02	4	28	28
08.11	15:34	16:02	4	28	28
09.11	15:34	16:02	4	28	28
10.11	15:34	16:02	4	28	28
11.11	15:35	16:01	4	26	26
12.11	15:35	16:01	4	26	26
13.11	15:36	16:01	4	25	25
14.11	08:57	09:04	26	7	30
	15:37	16:00	4	23	
15.11	08:55	09:07	26	12	34
	15:38	16:00	4	22	
16.11	08:53	09:08	26	15	35
	15:39	15:59	4	20	
17.11	08:52	09:10	26	18	35
	15:41	15:58	4	17	
18.11	08:52	09:11	26	19	32
	15:43	15:56	4	13	
19.11	08:51	09:12	26	21	31
	15:45	15:55	4	10	
20.11	08:51	09:13	26	22	22
21.11	08:51	09:13	26	22	22
22.11	08:51	09:14	26	23	23
23.11	08:52	09:15	26	23	23
24.11	08:51	09:14	26	23	23
25.11	08:51	09:15	26	24	24





WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
26.11	08:52	09:16	26		24	24
27.11	08:52	09:16	26		24	34
	14:32	14:42	2		10	
28.11	08:52	09:16	26		24	37
	14:30	14:43	2		13	
29.11	08:53	09:16	26		23	39
	14:29	14:45	2		16	
30.11	08:54	09:17	26		23	42
	14:28	14:47	2		19	
01.12	08:54	09:16	26		22	43
	14:27	14:48	2		21	
02.12	08:55	09:17	26		22	44
	14:27	14:49	2		22	
03.12	08:56	09:17	26		21	44
	14:27	14:50	2		23	
04.12	08:56	09:17	26		21	45
	14:27	14:51	2		24	
05.12	08:58	09:17	26		19	44
	14:26	14:51	2		25	
06.12	08:58	09:17	26		19	45
	14:27	14:53	2		26	
07.12	08:58	09:17	26		19	45
	14:27	14:53	2		26	
08.12	09:00	09:17	26		17	43
	14:28	14:54	2		26	
09.12	09:01	09:17	26		16	47
	10:00	10:03	27		3	
	14:27	14:55	2		28	
10.12	09:02	09:17	26		15	51
	09:58	10:06	27		8	
	14:27	14:55	2		28	
11.12	09:03	09:17	26		14	51
	09:58	10:07	27		9	
	14:28	14:56	2		28	
12.12	09:04	09:17	26		13	52
	09:57	10:08	27		11	
	14:28	14:56	2		28	
13.12	09:05	09:17	26		12	53
	09:57	10:09	27		12	
	14:28	14:57	2		29	
14.12	09:06	09:17	26		11	53
	09:57	10:10	27		13	
	14:28	14:57	2		29	
15.12	09:07	09:17	26		10	53
	09:57	10:11	27		14	
	14:29	14:58	2		29	
16.12	09:08	09:17	26		9	54
	09:57	10:12	27		15	
	14:29	14:59	2		30	
17.12	09:09	09:17	26		8	52
	09:58	10:13	27		15	
	14:30	14:59	2		29	
18.12	09:10	09:17	26		7	52
	09:58	10:14	27		16	
	14:31	15:00	2		29	
19.12	09:10	09:17	26		7	53
	09:58	10:14	27		16	
	14:30	15:00	2		30	
20.12	09:11	09:18	26		7	53
	09:59	10:15	27		16	
	14:31	15:01	2		30	

WEA04						
Datum	Start	Ende	IO		Min IO	Min gesamt
21.12	09:12	09:18	26		6	53
	09:59	10:16	27		17	
	14:31	15:01	2		30	
22.12	09:12	09:18	26		6	53
	09:59	10:16	27		17	
	14:32	15:02	2		30	
23.12	09:12	09:19	26		7	53
	10:00	10:16	27		16	
	14:32	15:02	2		30	
24.12	09:13	09:20	26		7	53
	10:01	10:17	27		16	
	14:33	15:03	2		30	
25.12	09:13	09:20	26		7	53
	10:01	10:17	27		16	
	14:33	15:03	2		30	
26.12	09:13	09:21	26		8	53
	10:01	10:17	27		16	
	14:34	15:03	2		29	
27.12	09:13	09:22	26		9	53
	10:02	10:17	27		15	
	14:34	15:03	2		29	
28.12	09:14	09:23	26		9	52
	10:04	10:18	27		14	
	14:35	15:04	2		29	
29.12	09:14	09:24	26		10	53
	10:04	10:18	27		14	
	14:35	15:04	2		29	
30.12	09:13	09:24	26		11	53
	10:04	10:17	27		13	
	14:36	15:05	2		29	
31.12	09:13	09:25	26		12	52
	10:06	10:17	27		11	
	14:36	15:05	2		29	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	09:40	10:14	28	34	148
	11:56	12:24	29	28	
	13:21	14:15	2	54	
	14:44	15:16	3	32	
02.01	09:40	10:14	28	34	147
	11:57	12:24	29	27	
	13:22	14:16	2	54	
	14:45	15:17	3	32	
03.01	09:41	10:15	28	34	146
	11:58	12:24	29	26	
	13:23	14:17	2	54	
	14:46	15:18	3	32	
04.01	09:41	10:15	28	34	146
	11:59	12:23	29	24	
	13:22	14:17	2	55	
	14:45	15:18	3	33	
05.01	09:41	10:16	28	35	144
	12:00	12:23	29	23	
	13:23	14:17	2	54	
	14:46	15:18	3	32	
06.01	09:42	10:17	28	35	142
	12:02	12:23	29	21	
	13:23	14:17	2	54	
	14:46	15:18	3	32	
07.01	09:42	10:17	28	35	140
	12:03	12:22	29	19	
	13:24	14:18	2	54	
	14:47	15:19	3	32	
08.01	09:42	10:17	28	35	135
	12:05	12:20	29	15	
	13:24	14:18	2	54	
	14:48	15:19	3	31	
09.01	09:43	10:18	28	35	132
	12:08	12:20	29	12	
	13:25	14:19	2	54	
	14:49	15:20	3	31	
10.01	09:43	10:18	28	35	124
	12:11	12:16	29	5	
	13:26	14:19	2	53	
	14:49	15:20	3	31	
11.01	09:43	10:18	28	35	119
	13:26	14:19	2	53	
	14:49	15:20	3	31	
	14:49	15:20	3	31	
12.01	09:44	10:18	28	34	117
	13:26	14:19	2	53	
	14:50	15:20	3	30	
	14:50	15:20	3	30	
13.01	09:45	10:19	28	34	116
	13:28	14:20	2	52	
	14:51	15:21	3	30	
	14:51	15:21	3	30	
14.01	09:45	10:20	28	35	116
	13:28	14:20	2	52	
	14:52	15:21	3	29	
	14:52	15:21	3	29	
15.01	09:46	10:20	28	34	114
	13:29	14:21	2	52	
	14:53	15:21	3	28	
	14:53	15:21	3	28	
16.01	09:46	10:20	28	34	111
	13:30	14:21	2	51	
	14:54	15:20	3	26	
	14:54	15:20	3	26	
17.01	09:47	10:20	28	33	109
	13:29	14:20	2	51	
	14:54	15:19	3	25	
	14:54	15:19	3	25	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
18.01	09:47	10:19	28	32	106
	13:30	14:20	2	50	
	14:55	15:19	3	24	
19.01	09:48	10:20	28	32	104
	13:31	14:20	2	49	
	14:56	15:19	3	23	
20.01	09:49	10:20	28	31	99
	13:32	14:20	2	48	
	14:58	15:18	3	20	
21.01	09:50	10:20	28	30	95
	13:33	14:20	2	47	
	15:00	15:18	3	18	
22.01	09:50	10:19	28	29	91
	13:33	14:20	2	47	
	15:01	15:16	3	15	
23.01	09:51	10:19	28	28	83
	13:35	14:20	2	45	
	15:04	15:14	3	10	
24.01	09:53	10:18	28	25	69
	13:35	14:19	2	44	
	13:35	14:19	2	44	
25.01	09:53	10:17	28	24	65
	13:37	14:18	2	41	
	13:37	14:18	2	41	
26.01	09:55	10:17	28	22	61
	13:39	14:18	2	39	
	13:39	14:18	2	39	
27.01	09:57	10:15	28	18	56
	13:39	14:17	2	38	
	13:39	14:17	2	38	
28.01	08:48	08:58	27	10	58
	09:59	10:12	28	13	
	13:41	14:16	2	35	
29.01	08:46	09:00	27	14	53
	10:03	10:10	28	7	
	13:43	14:15	2	32	
30.01	08:44	09:01	27	17	45
	13:45	14:13	2	28	
	13:45	14:13	2	28	
31.01	08:44	09:03	27	19	43
	13:47	14:11	2	24	
	13:47	14:11	2	24	
01.02	08:43	09:04	27	21	39
	13:51	14:09	2	18	
	13:51	14:09	2	18	
02.02	08:42	09:04	27	22	31
	13:55	14:04	2	9	
	13:55	14:04	2	9	
03.02	08:42	09:05	27	23	23
04.02	08:42	09:06	27	24	24
05.02	08:42	09:06	27	24	24
06.02	08:42	09:07	27	25	32
	16:14	16:21	4	7	
	16:14	16:21	4	7	
07.02	08:42	09:07	27	25	42
	16:09	16:26	4	17	
	16:09	16:26	4	17	
08.02	08:42	09:06	27	24	47
	16:06	16:29	4	23	
	16:06	16:29	4	23	
09.02	08:42	09:06	27	24	52
	16:04	16:32	4	28	
	16:04	16:32	4	28	
10.02	08:43	09:06	27	23	54
	16:02	16:33	4	31	
	16:02	16:33	4	31	
11.02	08:43	09:05	27	22	56
	16:01	16:35	4	34	
	16:01	16:35	4	34	
12.02	08:44	09:04	27	20	57
	15:59	16:36	4	37	
	15:59	16:36	4	37	
13.02	08:46	09:03	27	17	57
	15:58	16:38	4	40	



WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
14.02	08:47	09:02	27	15	57
	15:57	16:39	4	42	
15.02	08:50	08:59	27	9	52
	15:57	16:40	4	43	
16.02	15:56	16:40	4	44	44
17.02	15:55	16:41	4	46	46
18.02	15:55	16:42	4	47	47
19.02	15:53	16:41	4	48	48
20.02	15:53	16:42	4	49	49
21.02	15:53	16:42	4	49	49
22.02	15:53	16:43	4	50	50
23.02	15:53	16:43	4	50	50
24.02	15:52	16:42	4	50	50
25.02	15:52	16:42	4	50	50
26.02	15:53	16:42	4	49	49
27.02	15:53	16:42	4	49	49
28.02	15:53	16:41	4	48	48
29.02	15:53	16:40	4	47	47
01.03	15:54	16:40	4	46	46
02.03	15:54	16:38	4	44	44
03.03	15:55	16:38	4	43	43
04.03	15:56	16:37	4	41	41
05.03	15:57	16:35	4	38	38
06.03	15:59	16:34	4	35	35
07.03	16:01	16:32	4	31	31
08.03	16:02	16:29	4	27	27
09.03	16:05	16:27	4	22	22
10.03	16:09	16:23	4	14	14
19.03	17:56	18:06	6	10	10
20.03	17:53	18:09	6	16	16
21.03	17:50	18:11	6	21	21
22.03	17:48	18:12	6	24	24
23.03	17:47	18:13	6	26	26
24.03	17:46	18:13	6	27	27
25.03	17:45	18:14	6	29	29
26.03	17:45	18:14	6	29	29
27.03	17:44	18:14	6	30	30
28.03	17:44	18:14	6	30	30
29.03	18:43	19:13	6	30	30
30.03	18:43	19:13	6	30	34
	19:27	19:31	8	4	
31.03	18:44	19:12	6	28	38
	19:23	19:33	8	10	
01.04	18:43	19:11	6	28	42
	18:49	18:57	5	8	
	19:20	19:34	8	14	
02.04	18:43	19:04	5	21	44
	18:44	19:10	6	26	
	19:19	19:36	8	17	
	19:21	19:31	7	10	
03.04	18:39	19:07	5	28	51
	18:45	19:09	6	24	
	19:18	19:34	7	16	
	19:18	19:39	8	21	
04.04	18:36	19:09	5	33	56
	18:46	19:06	6	20	
	19:15	19:35	7	20	
	19:17	19:38	8	21	
05.04	18:34	19:11	5	37	61
	18:48	19:05	6	17	
	19:14	19:37	7	23	
	19:17	19:38	8	21	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
06.04	18:32	19:13	5	41	67
	18:51	19:02	6	11	
	19:12	19:38	7	26	
07.04	19:16	19:39	8	23	68
	18:30	19:15	5	45	
	19:11	19:38	7	27	
08.04	19:16	19:37	8	21	74
	18:28	19:15	5	47	
	19:10	19:38	7	28	
	19:16	19:37	8	21	
09.04	19:35	19:42	9	7	79
	18:27	19:16	5	49	
	19:10	19:39	7	29	
	19:16	19:37	8	21	
10.04	19:31	19:46	9	15	82
	18:26	19:17	5	51	
	19:09	19:39	7	30	
	19:17	19:36	8	19	
11.04	19:29	19:48	9	19	84
	18:24	19:17	5	53	
	19:08	19:38	7	30	
	19:17	19:34	8	17	
12.04	19:27	19:48	9	21	86
	18:23	19:18	5	55	
	19:08	19:38	7	30	
	19:19	19:32	8	13	
13.04	19:25	19:49	9	24	88
	18:22	19:18	5	56	
	19:08	19:38	7	30	
	19:22	19:29	8	7	
14.04	19:25	19:50	9	25	89
	18:22	19:19	5	57	
	19:09	19:37	7	28	
	19:24	19:51	9	27	
15.04	19:24	19:51	9	27	90
	18:21	19:19	5	58	
	19:09	19:37	7	28	
	19:23	19:51	9	28	
16.04	19:23	19:51	9	28	90
	18:20	19:19	5	59	
	19:09	19:35	7	26	
	19:22	19:50	9	28	
17.04	19:22	19:50	9	28	91
	18:19	19:19	5	60	
	19:10	19:34	7	24	
18.04	19:22	19:50	9	28	91
	18:19	19:19	5	60	
	19:11	19:33	7	22	
19.04	19:22	19:50	9	28	91
	18:19	19:19	5	60	
	19:12	19:31	7	19	
20.04	19:22	19:50	9	28	90
	18:19	19:19	5	60	
	19:14	19:29	7	15	
21.04	19:22	19:49	9	27	90
	18:19	19:19	5	60	
	19:17	19:26	7	9	
22.04	19:23	19:49	9	26	85
	18:19	19:19	5	60	
	19:23	19:48	9	25	
23.04	18:19	19:19	5	60	83
	19:24	19:47	9	23	



WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
24.04	18:19	19:18	5	59	80
	19:25	19:46	9	21	
25.04	18:19	19:18	5	59	77
	19:26	19:44	9	18	
26.04	18:19	19:18	5	59	73
	19:28	19:42	9	14	
27.04	18:19	19:17	5	58	66
	19:31	19:39	9	8	
28.04	18:20	19:17	5	57	57
29.04	18:20	19:16	5	56	60
	20:13	20:17	10	4	
30.04	18:20	19:15	5	55	67
	20:09	20:21	10	12	
01.05	18:21	19:15	5	54	71
	20:06	20:23	10	17	
02.05	18:21	19:14	5	53	72
	20:05	20:24	10	19	
03.05	18:22	19:13	5	51	73
	20:03	20:25	10	22	
04.05	06:19	06:25	22	6	80
	18:23	19:13	5	50	
	20:03	20:27	10	24	
05.05	06:16	06:28	22	12	89
	18:24	19:12	5	48	
	20:02	20:27	10	25	
	20:25	20:31	11	6	
06.05	06:14	06:29	22	15	92
	18:25	19:10	5	45	
	20:01	20:27	10	26	
	20:22	20:33	11	11	
07.05	06:13	06:31	22	18	95
	18:26	19:09	5	43	
	20:00	20:27	10	27	
	20:20	20:34	11	14	
08.05	06:12	06:32	22	20	97
	18:27	19:09	5	42	
	20:01	20:28	10	27	
	20:20	20:36	11	16	
09.05	06:11	06:32	22	21	97
	18:28	19:07	5	39	
	20:00	20:28	10	28	
	20:19	20:37	11	18	
10.05	06:11	06:33	22	22	97
	18:29	19:06	5	37	
	20:00	20:28	10	28	
	20:18	20:38	11	20	
11.05	06:10	06:33	22	23	97
	18:31	19:05	5	34	
	20:00	20:28	10	28	
	20:18	20:40	11	22	
12.05	06:09	06:33	22	24	93
	18:33	19:03	5	30	
	20:00	20:28	10	28	
	20:17	20:39	11	22	
13.05	06:09	06:34	22	25	90
	18:35	19:01	5	26	
	20:01	20:28	10	27	
	20:18	20:40	11	22	
14.05	06:02	06:04	21	2	88
	06:09	06:33	22	24	
	18:37	18:59	5	22	
	20:00	20:27	10	27	
	20:17	20:40	11	23	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
15.05	06:00	06:09	21	9	88
	06:09	06:34	22	25	
	18:41	18:56	5	15	
	20:01	20:27	10	26	
16.05	20:17	20:40	11	23	78
	05:59	06:11	21	12	
	06:10	06:34	22	24	
	18:46	18:50	5	4	
	20:01	20:27	10	26	
17.05	20:17	20:40	11	23	74
	05:57	06:11	21	14	
	06:09	06:33	22	24	
	20:02	20:26	10	24	
18.05	20:17	20:40	11	23	74
	05:56	06:13	21	17	
	06:10	06:33	22	23	
	20:03	20:26	10	23	
19.05	20:18	20:40	11	22	73
	05:55	06:14	21	19	
	06:09	06:32	22	23	
	20:03	20:25	10	22	
20.05	20:18	20:39	11	21	74
	05:53	06:14	21	21	
	06:10	06:32	22	22	
	20:04	20:25	10	21	
21.05	20:19	20:39	11	20	73
	05:53	06:15	21	22	
	06:11	06:32	22	21	
	20:05	20:24	10	19	
22.05	20:19	20:39	11	20	71
	05:53	06:15	21	22	
	06:12	06:32	22	20	
	20:06	20:23	10	17	
23.05	20:20	20:38	11	18	69
	05:53	06:16	21	23	
	06:12	06:32	22	20	
	20:07	20:21	10	14	
24.05	20:20	20:37	11	17	65
	05:53	06:16	21	23	
	06:13	06:31	22	18	
	20:08	20:20	10	12	
25.05	20:21	20:36	11	15	57
	05:52	06:16	21	24	
	06:13	06:29	22	16	
	20:11	20:18	10	7	
26.05	20:22	20:35	11	13	47
	05:52	06:16	21	24	
	06:14	06:29	22	15	
	20:24	20:34	11	10	
27.05	20:26	20:33	11	7	43
	05:52	06:16	21	24	
	06:16	06:28	22	12	
28.05	20:26	20:33	11	7	33
	05:52	06:16	21	24	
29.05	06:17	06:26	22	9	28
	05:53	06:17	21	24	
30.05	06:21	06:25	22	4	24
31.05	05:53	06:17	21	24	24
01.06	05:53	06:17	21	24	24



WEA05						
Datum	Start	Ende	IO		Min IO	Min gesamt
02.06	05:53	06:16	21		23	23
03.06	05:54	06:17	21		23	23
04.06	05:54	06:17	21		23	23
05.06	05:55	06:17	21		22	22
06.06	05:55	06:17	21		22	22
07.06	05:56	06:17	21		21	21
08.06	05:56	06:16	21		20	20
09.06	05:57	06:17	21		20	20
10.06	05:57	06:16	21		19	19
11.06	05:57	06:16	21		19	19
12.06	05:58	06:17	21		19	19
13.06	05:40	05:41	20		1	19
	05:59	06:17	21		18	
14.06	05:37	05:42	20		5	23
	05:58	06:16	21		18	
15.06	05:37	05:43	20		6	23
	05:59	06:16	21		17	
16.06	05:36	05:44	20		8	25
	05:59	06:16	21		17	
17.06	05:36	05:45	20		9	25
	06:00	06:16	21		16	
18.06	05:36	05:45	20		9	25
	06:00	06:16	21		16	
19.06	05:36	05:46	20		10	26
	06:00	06:16	21		16	
20.06	05:37	05:47	20		10	26
	06:01	06:17	21		16	
21.06	05:37	05:47	20		10	26
	06:01	06:17	21		16	
22.06	05:37	05:47	20		10	26
	06:01	06:17	21		16	
23.06	05:37	05:47	20		10	26
	06:01	06:17	21		16	
24.06	05:38	05:48	20		10	26
	06:02	06:18	21		16	
25.06	05:38	05:47	20		9	25
	06:02	06:18	21		16	
26.06	05:38	05:47	20		9	26
	06:01	06:18	21		17	
27.06	05:39	05:47	20		8	25
	06:02	06:19	21		17	
28.06	05:40	05:46	20		6	23
	06:02	06:19	21		17	
29.06	05:42	05:45	20		3	21
	06:02	06:20	21		18	
30.06	06:01	06:20	21		19	19
01.07	06:02	06:20	21		18	18
02.07	06:02	06:21	21		19	19
03.07	06:01	06:21	21		20	20
04.07	06:01	06:22	21		21	21
05.07	06:02	06:22	21		20	20
06.07	06:02	06:23	21		21	21
07.07	06:02	06:23	21		21	21
08.07	06:02	06:24	21		22	22
09.07	06:02	06:24	21		22	22
10.07	06:02	06:25	21		23	23
11.07	06:02	06:25	21		23	23
12.07	06:02	06:25	21		23	23
13.07	06:02	06:25	21		23	23

WEA05						
Datum	Start	Ende	IO		Min IO	Min gesamt
14.07	06:02	06:25	21		23	23
15.07	06:02	06:25	21		23	30
	06:28	06:35	22		7	
16.07	06:02	06:25	21		23	38
	06:26	06:36	22		10	
	20:36	20:41	11		5	
17.07	06:02	06:25	21		23	45
	06:24	06:38	22		14	
	20:34	20:43	11		9	
18.07	06:02	06:25	21		23	52
	06:23	06:39	22		16	
	20:22	20:26	10		4	
	20:33	20:44	11		11	
19.07	06:03	06:26	21		23	61
	06:23	06:40	22		17	
	20:19	20:29	10		10	
	20:31	20:45	11		14	
20.07	06:03	06:26	21		23	67
	06:22	06:41	22		19	
	20:18	20:31	10		13	
	20:31	20:47	11		16	
21.07	06:03	06:25	21		22	70
	06:21	06:41	22		20	
	20:16	20:32	10		16	
	20:30	20:48	11		18	
22.07	06:03	06:24	21		21	72
	06:21	06:42	22		21	
	20:15	20:33	10		18	
	20:29	20:48	11		19	
23.07	06:04	06:25	21		21	73
	06:21	06:43	22		22	
	20:15	20:35	10		20	
	20:29	20:49	11		20	
24.07	06:04	06:24	21		20	74
	06:20	06:43	22		23	
	20:14	20:35	10		21	
	20:29	20:49	11		20	
25.07	06:06	06:24	21		18	74
	06:21	06:44	22		23	
	20:13	20:36	10		23	
	20:28	20:49	11		21	
26.07	06:07	06:23	21		16	74
	06:20	06:44	22		24	
	20:13	20:37	10		24	
	20:28	20:50	11		22	
27.07	06:08	06:21	21		13	74
	06:19	06:44	22		25	
	20:12	20:37	10		25	
	20:28	20:50	11		22	
28.07	06:10	06:21	21		11	83
	06:20	06:44	22		24	
	18:54	19:05	5		11	
	20:12	20:38	10		26	
29.07	20:27	20:50	11		23	90
	06:11	06:18	21		7	
	06:19	06:44	22		25	
	18:50	19:08	5		18	
	20:11	20:38	10		27	
20:28	20:51	11		23		



WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
30.07	06:20	06:44	22	24	87
	18:46	19:10	5	24	
	20:11	20:38	10	27	
	20:27	20:50	11	23	
31.07	06:20	06:44	22	24	91
	18:45	19:13	5	28	
	20:11	20:38	10	27	
	20:28	20:50	11	22	
01.08	06:19	06:43	22	24	96
	18:42	19:14	5	32	
	20:10	20:38	10	28	
	20:28	20:50	11	22	
02.08	06:20	06:43	22	23	97
	18:41	19:16	5	35	
	20:11	20:39	10	28	
	20:28	20:50	11	22	
03.08	06:20	06:42	22	22	97
	18:39	19:16	5	37	
	20:10	20:38	10	28	
	20:28	20:48	11	20	
04.08	06:21	06:42	22	21	97
	18:38	19:18	5	40	
	20:11	20:38	10	27	
	20:30	20:47	11	17	
05.08	06:21	06:41	22	20	98
	18:36	19:19	5	43	
	20:10	20:37	10	27	
	20:30	20:45	11	15	
06.08	06:23	06:40	22	17	94
	18:36	19:20	5	44	
	20:11	20:38	10	27	
	20:31	20:44	11	13	
07.08	06:24	06:38	22	14	90
	18:34	19:20	5	46	
	20:11	20:36	10	25	
	20:32	20:41	11	9	
08.08	06:26	06:37	22	11	87
	18:33	19:21	5	48	
	20:12	20:36	10	24	
	20:35	20:40	11	5	
09.08	06:29	06:32	22	3	75
	18:32	19:21	5	49	
	20:12	20:35	10	23	
10.08	18:31	19:22	5	51	72
	20:13	20:34	10	21	
11.08	18:30	19:22	5	52	70
	20:14	20:32	10	18	
12.08	18:29	19:23	5	54	69
	20:16	20:31	10	15	
13.08	18:29	19:24	5	55	66
	20:17	20:28	10	11	
14.08	18:27	19:24	5	57	57
15.08	18:27	19:24	5	57	57
16.08	18:26	19:24	5	58	68
	19:36	19:46	9	10	
17.08	18:26	19:24	5	58	73
	19:34	19:49	9	15	
18.08	18:24	19:24	5	60	79
	19:31	19:50	9	19	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
19.08	18:24	19:24	5	60	82
	19:30	19:52	9	22	
20.08	18:23	19:23	5	60	84
	19:28	19:52	9	24	
21.08	18:23	19:24	5	61	86
	19:28	19:53	9	25	
22.08	18:23	19:24	5	61	90
	19:21	19:32	7	11	
	19:27	19:53	9	26	
23.08	18:23	19:23	5	60	90
	19:17	19:33	7	16	
	19:26	19:53	9	27	
24.08	18:23	19:23	5	60	91
	19:15	19:35	7	20	
	19:26	19:54	9	28	
25.08	18:22	19:22	5	60	91
	19:13	19:36	7	23	
	19:25	19:53	9	28	
26.08	18:22	19:22	5	60	91
	19:12	19:37	7	25	
	19:25	19:53	9	28	
27.08	18:23	19:21	5	58	90
	19:11	19:38	7	27	
	19:25	19:53	9	28	
28.08	18:22	19:20	5	58	90
	19:10	19:38	7	28	
	19:24	19:52	9	28	
29.08	18:23	19:20	5	57	88
	19:09	19:38	7	29	
	19:25	19:51	9	26	
30.08	18:22	19:18	5	56	88
	19:08	19:38	7	30	
	19:22	19:29	8	7	
	19:25	19:50	9	25	
31.08	18:23	19:17	5	54	86
	19:08	19:38	7	30	
	19:19	19:32	8	13	
	19:25	19:49	9	24	
01.09	18:24	19:17	5	53	84
	19:08	19:38	7	30	
	19:17	19:34	8	17	
	19:27	19:48	9	21	
02.09	18:24	19:15	5	51	82
	19:07	19:37	7	30	
	19:15	19:34	8	19	
	19:27	19:46	9	19	
03.09	18:25	19:14	5	49	79
	19:08	19:37	7	29	
	19:14	19:35	8	21	
	19:29	19:44	9	15	
04.09	18:25	19:12	5	47	74
	19:07	19:35	7	28	
	19:13	19:34	8	21	
	19:32	19:39	9	7	
05.09	18:26	19:11	5	45	69
	19:08	19:35	7	27	
	19:13	19:35	8	22	
06.09	18:28	19:09	5	41	67
	18:47	18:58	6	11	
	19:09	19:34	7	25	
	19:12	19:35	8	23	



WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
07.09	18:29	19:06	5	37	62
	18:43	19:00	6	17	
	19:09	19:32	7	23	
	19:12	19:34	8	22	
08.09	18:31	19:04	5	33	56
	18:41	19:01	6	20	
	19:10	19:31	7	21	
	19:12	19:33	8	21	
09.09	18:32	19:01	5	29	51
	18:39	19:02	6	23	
	19:11	19:28	7	17	
	19:11	19:32	8	21	
10.09	18:36	18:57	5	21	45
	18:37	19:03	6	26	
	19:12	19:30	8	18	
	19:14	19:25	7	11	
11.09	18:37	19:04	6	27	42
	18:41	18:52	5	11	
	19:13	19:28	8	15	
12.09	18:35	19:03	6	28	39
	19:14	19:25	8	11	
13.09	18:34	19:04	6	30	36
	19:17	19:23	8	6	
14.09	18:34	19:04	6	30	30
15.09	18:33	19:03	6	30	30
16.09	18:33	19:03	6	30	30
17.09	18:32	19:02	6	30	30
18.09	18:32	19:01	6	29	29
19.09	18:33	19:01	6	28	28
20.09	18:33	18:59	6	26	26
21.09	18:34	18:58	6	24	24
22.09	18:35	18:57	6	22	22
23.09	18:36	18:54	6	18	18
24.09	18:38	18:51	6	13	13
03.10	16:50	16:58	4	8	8
04.10	16:44	17:02	4	18	18
05.10	16:40	17:05	4	25	25
06.10	16:38	17:07	4	29	29
07.10	16:35	17:09	4	34	34
08.10	16:34	17:10	4	36	36
09.10	16:31	17:10	4	39	39
10.10	16:30	17:11	4	41	41
11.10	16:29	17:12	4	43	43
12.10	16:28	17:13	4	45	45
13.10	16:27	17:13	4	46	46
14.10	16:26	17:14	4	48	48
15.10	16:26	17:14	4	48	48
16.10	16:24	17:13	4	49	49
17.10	16:24	17:13	4	49	49
18.10	16:24	17:13	4	49	49
19.10	16:23	17:13	4	50	50
20.10	16:23	17:13	4	50	50
21.10	16:23	17:13	4	50	50
22.10	16:23	17:13	4	50	50
23.10	16:24	17:12	4	48	48
24.10	16:24	17:12	4	48	48
25.10	15:24	16:11	4	47	47
26.10	15:25	16:10	4	45	45
27.10	15:26	16:10	4	44	44

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
28.10	08:19	08:29	27	10	53
	15:26	16:09	4	43	
29.10	08:16	08:32	27	16	57
	15:27	16:08	4	41	
30.10	08:15	08:33	27	18	57
	15:28	16:07	4	39	
31.10	08:14	08:34	27	20	57
	15:29	16:06	4	37	
01.11	08:13	08:35	27	22	55
	15:31	16:04	4	33	
02.11	08:12	08:35	27	23	54
	15:32	16:03	4	31	
03.11	08:12	08:36	27	24	51
	15:34	16:01	4	27	
04.11	08:12	08:36	27	24	47
	15:36	15:59	4	23	
05.11	08:12	08:36	27	24	41
	15:39	15:56	4	17	
06.11	08:12	08:36	27	24	28
	15:46	15:50	4	4	
07.11	08:12	08:36	27	24	24
08.11	08:12	08:36	27	24	24
09.11	08:13	08:36	27	23	23
10.11	08:13	08:35	27	22	31
	13:26	13:35	2	9	
11.11	08:14	08:35	27	21	40
	13:21	13:40	2	19	
12.11	08:15	08:34	27	19	44
	13:18	13:43	2	25	
13.11	08:16	08:33	27	17	46
	13:16	13:45	2	29	
14.11	08:18	08:32	27	14	53
	09:35	09:42	28	7	
	13:15	13:47	2	32	
15.11	08:20	08:30	27	10	59
	09:32	09:45	28	13	
	13:13	13:49	2	36	
16.11	09:30	09:48	28	18	56
	13:12	13:50	2	38	
17.11	09:28	09:50	28	22	61
	13:12	13:51	2	39	
18.11	09:27	09:51	28	24	65
	13:11	13:52	2	41	
19.11	09:27	09:52	28	25	69
	13:10	13:54	2	44	
20.11	09:26	09:54	28	28	83
	13:10	13:55	2	45	
	14:39	14:49	3	10	
21.11	09:26	09:55	28	29	91
	13:09	13:56	2	47	
	14:37	14:52	3	15	
22.11	09:26	09:56	28	30	95
	13:09	13:56	2	47	
	14:36	14:54	3	18	
23.11	09:26	09:57	28	31	99
	13:08	13:56	2	48	
	14:34	14:54	3	20	
24.11	09:25	09:57	28	32	103
	13:08	13:57	2	49	
	14:34	14:56	3	22	



WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
25.11	09:25	09:57	28	32	106
	13:08	13:58	2	50	
	14:33	14:57	3	24	
26.11	09:25	09:58	28	33	109
	13:08	13:59	2	51	
	14:33	14:58	3	25	
27.11	09:25	09:59	28	34	111
	13:09	14:00	2	51	
	14:33	14:59	3	26	
28.11	09:25	09:59	28	34	114
	13:08	14:00	2	52	
	14:32	15:00	3	28	
29.11	09:25	10:00	28	35	117
	13:08	14:01	2	53	
	14:32	15:01	3	29	
30.11	09:26	10:01	28	35	116
	13:09	14:01	2	52	
	14:33	15:02	3	29	
01.12	09:26	10:00	28	34	117
	13:08	14:01	2	53	
	14:32	15:02	3	30	
02.12	09:26	10:01	28	35	118
	13:09	14:02	2	53	
	14:33	15:03	3	30	
03.12	09:27	10:02	28	35	123
	11:56	12:00	29	4	
	13:09	14:02	2	53	
04.12	09:27	10:02	28	35	130
	11:52	12:03	29	11	
	13:10	14:03	2	53	
05.12	09:27	10:02	28	35	135
	11:50	12:05	29	15	
	13:09	14:03	2	54	
06.12	09:28	10:03	28	35	140
	11:49	12:08	29	19	
	13:10	14:04	2	54	
07.12	09:28	10:03	28	35	142
	11:48	12:09	29	21	
	13:10	14:04	2	54	
08.12	09:29	10:04	28	35	143
	11:49	12:11	29	22	
	13:11	14:05	2	54	
09.12	09:29	10:04	28	35	144
	11:49	12:11	29	22	
	13:11	14:05	2	54	
10.12	09:30	10:04	28	34	146
	11:47	12:13	29	26	
	13:12	14:06	2	54	
11.12	09:30	10:04	28	34	147
	11:47	12:14	29	27	
	13:12	14:06	2	54	

WEA05					
Datum	Start	Ende	IO	Min IO	Min gesamt
12.12	09:31	10:05	28	34	149
	11:47	12:15	29	28	
	13:12	14:06	2	54	
13.12	09:31	10:05	28	34	148
	11:47	12:15	29	28	
	13:13	14:07	2	54	
14.12	09:32	10:05	28	33	148
	11:47	12:16	29	29	
	13:13	14:07	2	54	
15.12	09:32	10:06	28	34	150
	11:47	12:17	29	30	
	13:14	14:08	2	54	
16.12	09:33	10:06	28	33	150
	11:48	12:18	29	30	
	13:14	14:08	2	54	
17.12	09:34	10:07	28	33	150
	11:48	12:19	29	31	
	13:15	14:09	2	54	
18.12	09:34	10:08	28	34	151
	11:49	12:20	29	31	
	13:16	14:10	2	54	
19.12	09:34	10:07	28	33	152
	11:48	12:20	29	32	
	13:16	14:10	2	54	
20.12	09:35	10:08	28	33	152
	11:49	12:21	29	32	
	13:16	14:10	2	54	
21.12	09:36	10:09	28	33	150
	11:49	12:20	29	31	
	13:16	14:10	2	54	
22.12	09:36	10:09	28	33	150
	11:50	12:21	29	31	
	13:17	14:11	2	54	
23.12	09:36	10:09	28	33	150
	11:50	12:21	29	31	
	13:17	14:11	2	54	
24.12	09:37	10:10	28	33	152
	11:51	12:23	29	32	
	13:18	14:12	2	54	
25.12	09:37	10:11	28	34	152
	11:51	12:23	29	32	
	13:19	14:13	2	54	
26.12	09:38	10:11	28	33	150
	11:52	12:23	29	31	
	13:19	14:13	2	54	





WEA05						
Datum	Start	Ende	IO		Min IO	Min gesamt
27.12	09:38	10:11	28		33	150
	11:52	12:23	29		31	
	13:19	14:13	2		54	
	14:42	15:14	3		32	
28.12	09:38	10:12	28		34	151
	11:53	12:23	29		30	
	13:20	14:14	2		54	
	14:42	15:15	3		33	
29.12	09:38	10:12	28		34	149
	11:54	12:23	29		29	
	13:20	14:14	2		54	
	14:43	15:15	3		32	
30.12	09:39	10:13	28		34	149
	11:55	12:23	29		28	
	13:21	14:15	2		54	
	14:43	15:16	3		33	
31.12	09:39	10:13	28		34	148
	11:56	12:24	29		28	
	13:21	14:15	2		54	
	14:44	15:16	3		32	

WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	14:51	15:24	4	33	33
02.01	14:52	15:25	4	33	33
03.01	14:52	15:26	4	34	34
04.01	14:52	15:26	4	34	34
05.01	14:53	15:27	4	34	34
06.01	14:52	15:27	4	35	35
07.01	14:53	15:28	4	35	35
08.01	14:53	15:28	4	35	35
09.01	14:54	15:30	4	36	36
10.01	14:54	15:30	4	36	36
11.01	14:54	15:30	4	36	36
12.01	14:54	15:31	4	37	37
13.01	14:54	15:31	4	37	37
14.01	14:56	15:32	4	36	36
15.01	14:56	15:33	4	37	37
16.01	14:56	15:33	4	37	37
17.01	14:56	15:33	4	37	37
18.01	14:56	15:33	4	37	37
19.01	14:57	15:33	4	36	36
20.01	14:58	15:34	4	36	36
21.01	14:58	15:34	4	36	36
22.01	14:58	15:34	4	36	36
23.01	14:59	15:34	4	35	35
24.01	14:59	15:33	4	34	34
25.01	15:01	15:33	4	32	32
26.01	15:01	15:33	4	32	32
27.01	15:03	15:33	4	30	30
28.01	15:03	15:32	4	29	29
29.01	15:05	15:32	4	27	27
30.01	15:06	15:30	4	24	24
31.01	15:08	15:29	4	21	21
01.02	15:10	15:28	4	18	18
02.02	15:13	15:25	4	12	12
08.02	16:17	16:29	5	12	12
09.02	16:13	16:33	5	20	20
10.02	16:11	16:35	5	24	24
11.02	16:09	16:37	5	28	28
12.02	16:07	16:39	5	32	32
13.02	16:06	16:40	5	34	34
14.02	16:05	16:42	5	37	37
15.02	16:04	16:43	5	39	39
16.02	16:03	16:44	5	41	41
17.02	16:02	16:45	5	43	43
18.02	16:02	16:45	5	43	43
19.02	16:00	16:45	5	45	45
20.02	16:00	16:46	5	46	46
	17:05	17:16	6	11	57
21.02	15:59	16:46	5	47	47
	17:02	17:19	6	17	64
22.02	15:59	16:47	5	48	48
	17:01	17:20	6	19	67
23.02	15:59	16:47	5	48	48
	17:00	17:22	6	22	70
24.02	15:58	16:46	5	48	48
	16:58	17:22	6	24	72
25.02	15:59	16:46	5	47	47
	16:57	17:23	6	26	73
26.02	15:59	16:46	5	47	47
	16:57	17:23	6	26	73

WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
27.02	15:59	16:46	5	47	47
	16:57	17:24	6	27	74
28.02	15:59	16:45	5	46	46
	16:56	17:23	6	27	73
29.02	15:59	16:45	5	46	46
	16:56	17:23	6	27	73
01.03	16:00	16:44	5	44	44
	16:56	17:23	6	27	71
02.03	16:00	16:43	5	43	43
	16:56	17:22	6	26	69
03.03	16:01	16:42	5	41	41
	16:56	17:21	6	25	66
04.03	16:02	16:41	5	39	39
	16:57	17:21	6	24	24
	17:30	17:41	7	11	74
05.03	16:02	16:39	5	37	37
	16:58	17:19	6	21	21
	17:26	17:43	7	17	75
06.03	16:04	16:38	5	34	34
	16:59	17:17	6	18	18
	17:24	17:45	7	21	73
07.03	16:06	16:37	5	31	31
	17:02	17:15	6	13	13
	17:23	17:46	7	23	67
08.03	16:07	16:34	5	27	27
	17:05	17:10	6	5	5
	17:22	17:46	7	24	24
	17:48	17:52	8	4	60
09.03	16:10	16:31	5	21	21
	17:21	17:47	7	26	26
	17:45	17:54	8	9	54
10.03	16:15	16:28	5	13	13
	17:21	17:48	7	27	27
	17:43	17:56	8	13	48
11.03	17:19	17:47	7	28	28
	17:41	17:57	8	16	16
	17:44	17:55	9	11	38
12.03	17:19	17:47	7	28	28
	17:40	18:00	8	20	20
	17:42	17:58	9	16	41
13.03	17:20	17:47	7	27	27
	17:40	18:00	8	20	20
	17:40	17:59	9	19	40
14.03	17:19	17:46	7	27	27
	17:38	18:00	9	22	22
	17:39	18:00	8	21	41
15.03	17:20	17:46	7	26	26
	17:37	18:01	9	24	24
	17:39	18:00	8	21	41
16.03	17:19	17:44	7	25	25
	17:35	18:01	9	26	26
	17:38	17:59	8	21	42
17.03	17:21	17:43	7	22	22
	17:35	18:01	9	26	26
	17:39	17:58	8	19	40
18.03	17:22	17:42	7	20	20
	17:35	18:02	9	27	27
	17:40	17:58	8	18	40
19.03	17:23	17:40	7	17	17
	17:34	18:01	9	27	27
	17:40	17:56	8	16	38



WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.03	17:26	17:37	7	11	35
	17:34	18:01	9	27	
	17:42	17:54	8	12	
21.03	17:34	17:59	9	25	25
	17:44	17:50	8	6	
22.03	17:34	17:59	9	25	25
23.03	17:35	17:58	9	23	23
24.03	17:35	17:56	9	21	21
25.03	17:37	17:55	9	18	18
26.03	17:39	17:53	9	14	14
27.03	17:42	17:49	9	7	7
30.03	19:19	19:27	10	8	8
31.03	19:16	19:31	10	15	15
01.04	19:13	19:32	10	19	19
02.04	19:11	19:33	10	22	22
03.04	19:10	19:34	10	24	24
04.04	19:08	19:34	10	26	26
05.04	19:08	19:35	10	27	27
	07:16	07:22	23	6	
06.04	19:08	19:35	10	27	33
	07:14	07:25	23	11	
07.04	19:06	19:34	10	28	39
	07:11	07:25	23	14	
08.04	07:13	07:24	22	11	42
	19:06	19:34	10	28	
	07:09	07:26	23	17	
09.04	07:11	07:27	22	16	52
	19:06	19:34	10	28	
	19:42	19:48	11	6	
	07:07	07:27	23	20	
10.04	07:09	07:28	22	19	59
	19:07	19:34	10	27	
	19:39	19:50	11	11	
	07:07	07:28	23	21	
11.04	07:08	07:29	22	21	63
	19:06	19:32	10	26	
	19:36	19:51	11	15	
	07:06	07:29	22	23	
12.04	07:06	07:27	23	21	65
	19:07	19:31	10	24	
	19:35	19:53	11	18	
	07:05	07:30	22	25	
13.04	07:05	07:27	23	22	68
	19:08	19:30	10	22	
	19:34	19:55	11	21	
	07:05	07:30	22	25	
14.04	07:06	07:26	23	20	67
	19:09	19:29	10	20	
	19:33	19:55	11	22	
	07:04	07:30	22	26	
15.04	07:06	07:26	23	20	65
	19:11	19:28	10	17	
	19:33	19:55	11	22	
	07:04	07:30	22	26	
16.04	07:06	07:25	23	19	62
	19:12	19:24	10	12	
	19:31	19:55	11	24	
	07:03	07:29	22	26	
17.04	07:06	07:23	23	17	52
	19:17	19:19	10	2	
	19:31	19:55	11	24	
	07:03	07:29	22	26	

WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
18.04	06:51	07:01	21	10	59
	07:03	07:29	22	26	
	07:07	07:22	23	15	
	19:31	19:54	11	23	
19.04	06:48	07:04	21	16	62
	07:04	07:28	22	24	
	07:09	07:20	23	11	
	19:32	19:54	11	22	
20.04	06:47	07:05	21	18	62
	07:04	07:28	22	24	
	19:32	19:53	11	21	
21.04	06:45	07:06	21	21	61
	07:05	07:27	22	22	
	19:33	19:52	11	19	
22.04	06:44	07:07	21	23	59
	07:06	07:26	22	20	
	19:34	19:51	11	17	
23.04	06:43	07:07	21	24	56
	07:07	07:24	22	17	
	19:35	19:50	11	15	
24.04	06:43	07:08	21	25	49
	07:08	07:22	22	14	
	19:37	19:47	11	10	
25.04	06:42	07:08	21	26	34
	07:11	07:19	22	8	
26.04	06:42	07:08	21	26	26
27.04	06:42	07:08	21	26	26
28.04	06:42	07:07	21	25	25
29.04	06:42	07:07	21	25	25
30.04	06:42	07:06	21	24	24
01.05	06:42	07:05	21	23	23
02.05	06:28	06:34	20	6	27
	06:43	07:04	21	21	
03.05	06:24	06:38	20	14	34
	06:44	07:04	21	20	
04.05	06:23	06:40	20	17	35
	06:45	07:03	21	18	
05.05	06:21	06:41	20	20	35
	06:46	07:01	21	15	
06.05	06:19	06:42	20	23	33
	06:48	06:58	21	10	
07.05	06:18	06:43	20	25	25
08.05	06:18	06:44	20	26	26
09.05	06:17	06:44	20	27	27
10.05	06:17	06:45	20	28	28
11.05	06:16	06:45	20	29	29
12.05	06:15	06:45	20	30	30
13.05	06:16	06:46	20	30	30
14.05	06:15	06:45	20	30	30
15.05	06:16	06:46	20	30	30
16.05	06:16	06:46	20	30	30
17.05	06:15	06:46	20	31	31
18.05	06:16	06:46	20	30	30
19.05	06:16	06:45	20	29	29
20.05	06:16	06:45	20	29	29
21.05	06:17	06:45	20	28	28
22.05	06:17	06:45	20	28	28
23.05	06:18	06:45	20	27	27
24.05	06:19	06:44	20	25	25



WEA06						
Datum	Start	Ende	IO		Min IO	Min gesamt
25.05	06:18	06:43	20		25	25
26.05	06:19	06:43	20		24	24
27.05	06:20	06:42	20		22	22
28.05	06:20	06:41	20		21	21
29.05	06:22	06:42	20		20	20
30.05	06:23	06:41	20		18	18
31.05	06:24	06:40	20		16	16
01.06	06:25	06:39	20		14	14
02.06	06:26	06:37	20		11	11
03.06	06:28	06:37	20		9	9
04.06	06:31	06:34	20		3	3
09.07	06:36	06:43	20		7	7
10.07	06:35	06:45	20		10	10
11.07	06:34	06:47	20		13	13
12.07	06:33	06:48	20		15	15
13.07	06:32	06:49	20		17	17
14.07	06:31	06:50	20		19	19
15.07	06:30	06:51	20		21	21
16.07	06:29	06:51	20		22	22
17.07	06:29	06:52	20		23	23
18.07	06:28	06:52	20		24	24
19.07	06:28	06:54	20		26	26
20.07	06:28	06:54	20		26	26
21.07	06:27	06:54	20		27	27
22.07	06:27	06:54	20		27	27
23.07	06:27	06:56	20		29	29
24.07	06:26	06:56	20		30	30
25.07	06:26	06:55	20		29	29
26.07	06:26	06:56	20		30	30
27.07	06:26	06:56	20		30	30
28.07	06:26	06:57	20		31	31
29.07	06:26	06:56	20		30	30
30.07	06:27	06:57	20		30	30
31.07	06:26	06:56	20		30	30
01.08	06:26	06:55	20		29	29
02.08	06:27	06:56	20		29	29
03.08	06:27	06:55	20		28	28
04.08	06:28	06:55	20		27	27
05.08	06:28	06:53	20		25	25
06.08	06:29	06:53	20		24	30
	07:00	07:06	21		6	
07.08	06:29	06:51	20		22	34
	06:56	07:08	21		12	
08.08	06:31	06:50	20		19	35
	06:55	07:11	21		16	
09.08	06:32	06:48	20		16	34
	06:53	07:11	21		18	
10.08	06:34	06:46	20		12	33
	06:52	07:13	21		21	
11.08	06:52	07:14	21		22	22
12.08	06:50	07:14	21		24	24
13.08	06:50	07:15	21		25	25
14.08	06:49	07:14	21		25	25
15.08	06:49	07:15	21		26	26
16.08	06:48	07:14	21		26	26
17.08	06:49	07:14	21		25	25
18.08	06:48	07:13	21		25	37
	07:16	07:25	22		9	
	19:46	19:49	11		3	

WEA06						
Datum	Start	Ende	IO		Min IO	Min gesamt
19.08	06:49	07:13	21		24	49
	07:14	07:28	22		14	
	19:42	19:53	11		11	
20.08	06:49	07:13	21		24	56
	07:12	07:30	22		18	
	19:39	19:54	11		15	
21.08	06:49	07:11	21		22	59
	07:10	07:30	22		20	
	19:38	19:56	11		18	
22.08	06:50	07:11	21		21	62
	07:09	07:32	22		23	
	19:37	19:57	11		20	
23.08	06:50	07:09	21		19	62
	07:08	07:31	22		23	
	07:16	07:20	23		4	
	19:36	19:57	11		21	63
24.08	06:52	07:07	21		15	
	07:07	07:32	22		25	
	07:13	07:24	23		11	59
	19:35	19:58	11		23	
25.08	06:55	07:05	21		10	59
	07:07	07:33	22		26	
	07:11	07:26	23		15	
	19:34	19:57	11		23	54
26.08	07:06	07:32	22		26	
	07:09	07:26	23		17	
	19:18	19:23	10		5	62
27.08	07:06	07:32	22		26	
	07:08	07:27	23		19	
	19:14	19:27	10		13	66
28.08	07:05	07:31	22		26	
	07:07	07:27	23		20	
	19:11	19:29	10		18	67
29.08	07:06	07:31	22		25	
	07:06	07:27	23		21	
	19:10	19:30	10		20	67
30.08	07:05	07:30	22		25	
	07:06	07:28	23		22	
	19:08	19:30	10		22	66
31.08	07:05	07:27	23		22	
	07:06	07:29	22		23	
	19:07	19:31	10		24	63
01.09	07:05	07:26	23		20	
	07:07	07:28	22		21	
	19:06	19:32	10		26	59
02.09	07:05	07:25	23		20	
	07:07	07:26	22		19	
	19:05	19:32	10		27	52
03.09	07:07	07:24	23		17	
	07:09	07:25	22		16	
	19:04	19:32	10		28	52
	19:40	19:46	11		6	



WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
04.09	07:09	07:23	23	14	42
	07:10	07:21	22	11	
	19:03	19:31	10	28	
05.09	07:10	07:21	23	11	39
	19:03	19:31	10	28	
06.09	07:12	07:18	23	6	33
	19:04	19:31	10	27	
07.09	19:03	19:30	10	27	27
08.09	19:04	19:29	10	25	25
09.09	19:03	19:27	10	24	24
10.09	19:04	19:26	10	22	22
11.09	19:06	19:25	10	19	19
12.09	19:07	19:22	10	15	15
13.09	19:09	19:19	10	10	10
16.09	18:32	18:37	9	5	5
17.09	18:27	18:40	9	13	13
18.09	18:25	18:42	9	17	17
19.09	18:23	18:44	9	21	21
20.09	18:21	18:44	9	23	23
21.09	18:20	18:44	9	24	24
22.09	18:19	18:45	9	26	26
23.09	18:10	18:20	7	10	34
	18:18	18:44	9	26	
	18:26	18:37	8	11	
24.09	18:07	18:23	7	16	37
	18:18	18:44	9	26	
	18:24	18:39	8	15	
25.09	18:05	18:25	7	20	39
	18:17	18:44	9	27	
	18:23	18:40	8	17	
26.09	18:04	18:26	7	22	40
	18:18	18:44	9	26	
	18:21	18:40	8	19	
27.09	18:02	18:26	7	24	41
	18:17	18:43	9	26	
	18:20	18:40	8	20	
28.09	18:01	18:26	7	25	41
	18:17	18:42	9	25	
	18:20	18:41	8	21	
29.09	18:00	18:27	7	27	41
	18:18	18:41	9	23	
	18:19	18:41	8	22	
30.09	17:59	18:26	7	27	40
	18:18	18:39	8	21	
	18:18	18:39	9	21	
01.10	17:58	18:26	7	28	41
	18:19	18:39	8	20	
	18:20	18:37	9	17	
02.10	17:58	18:26	7	28	39
	18:19	18:37	8	18	
	18:22	18:35	9	13	
03.10	16:56	17:02	5	6	43
	17:58	18:26	7	28	
	18:20	18:35	8	15	
	18:26	18:30	9	4	
04.10	16:49	17:07	5	18	52
	17:58	18:24	7	26	
	18:21	18:32	8	11	
05.10	16:45	17:10	5	25	57
	17:58	18:24	7	26	
	18:23	18:30	8	7	

WEA06					
Datum	Start	Ende	IO	Min IO	Min gesamt
06.10	16:43	17:12	5	29	64
	17:39	17:50	6	11	
	17:59	18:23	7	24	
07.10	16:41	17:14	5	33	71
	17:36	17:52	6	16	
	18:00	18:22	7	22	
08.10	16:39	17:15	5	36	75
	17:34	17:54	6	20	
	18:01	18:20	7	19	
09.10	16:37	17:15	5	38	75
	17:32	17:54	6	22	
	18:02	18:17	7	15	
10.10	16:36	17:16	5	40	73
	17:31	17:55	6	24	
	18:05	18:14	7	9	
11.10	16:35	17:17	5	42	68
	17:30	17:56	6	26	
	17:30	17:56	6	26	
12.10	16:34	17:17	5	43	69
	17:30	17:56	6	26	
	17:30	17:56	6	26	
13.10	16:33	17:18	5	45	72
	17:29	17:56	6	27	
	17:29	17:56	6	27	
14.10	16:32	17:18	5	46	73
	17:29	17:56	6	27	
	17:29	17:56	6	27	
15.10	16:32	17:18	5	46	73
	17:28	17:55	6	27	
	17:28	17:55	6	27	
16.10	16:30	17:17	5	47	74
	17:28	17:55	6	27	
	17:28	17:55	6	27	
17.10	16:30	17:18	5	48	74
	17:28	17:54	6	26	
	17:28	17:54	6	26	
18.10	16:30	17:17	5	47	72
	17:29	17:54	6	25	
	17:29	17:54	6	25	
19.10	16:30	17:17	5	47	71
	17:29	17:53	6	24	
	17:29	17:53	6	24	
20.10	16:30	17:17	5	47	69
	17:30	17:52	6	22	
	17:30	17:52	6	22	
21.10	16:30	17:17	5	47	65
	17:32	17:50	6	18	
	17:32	17:50	6	18	
22.10	16:30	17:16	5	46	61
	17:33	17:48	6	15	
	17:33	17:48	6	15	
23.10	16:30	17:16	5	46	55
	17:36	17:45	6	9	
	17:36	17:45	6	9	
24.10	16:31	17:15	5	44	44
25.10	15:31	16:15	5	44	44
26.10	15:32	16:14	5	42	42
27.10	15:32	16:13	5	41	41
28.10	15:33	16:12	5	39	39
29.10	15:34	16:11	5	37	37
30.10	15:36	16:10	5	34	34
31.10	15:37	16:08	5	31	31
01.11	15:39	16:07	5	28	28
02.11	15:41	16:05	5	24	24
03.11	15:43	16:02	5	19	19
04.11	15:47	15:58	5	11	11
10.11	14:44	14:56	4	12	12
11.11	14:41	14:59	4	18	18
12.11	14:39	15:01	4	22	22
13.11	14:38	15:02	4	24	24
14.11	14:37	15:03	4	26	26
15.11	14:36	15:05	4	29	29



WEA06						
Datum	Start	Ende	IO		Min IO	Min gesamt
16.11	14:35	15:06	4		31	31
17.11	14:35	15:07	4		32	32
18.11	14:35	15:07	4		32	32
19.11	14:34	15:08	4		34	34
20.11	14:34	15:09	4		35	35
21.11	14:34	15:10	4		36	36
22.11	14:34	15:10	4		36	36
23.11	14:34	15:10	4		36	36
24.11	14:34	15:10	4		36	36
25.11	14:34	15:11	4		37	37
26.11	14:35	15:12	4		37	37
27.11	14:35	15:12	4		37	37
28.11	14:35	15:12	4		37	37
29.11	14:36	15:12	4		36	36
30.11	14:36	15:13	4		37	37
01.12	14:36	15:13	4		37	37
02.12	14:37	15:13	4		36	36
03.12	14:37	15:13	4		36	36
04.12	14:38	15:14	4		36	36
05.12	14:38	15:14	4		36	36
06.12	14:39	15:14	4		35	35
07.12	14:40	15:14	4		34	34
08.12	14:40	15:14	4		34	34
09.12	14:41	15:15	4		34	34
10.12	14:42	15:15	4		33	33
11.12	14:42	15:15	4		33	33
12.12	14:42	15:16	4		34	34
13.12	14:43	15:16	4		33	33
14.12	14:44	15:16	4		32	32
15.12	14:44	15:16	4		32	32
16.12	14:45	15:17	4		32	32
17.12	14:46	15:18	4		32	32
18.12	14:47	15:18	4		31	31
19.12	14:46	15:18	4		32	32
20.12	14:47	15:19	4		32	32
21.12	14:47	15:19	4		32	32
22.12	14:48	15:20	4		32	32
23.12	14:48	15:20	4		32	32
24.12	14:49	15:21	4		32	32
25.12	14:50	15:21	4		31	31
26.12	14:50	15:21	4		31	31
27.12	14:50	15:22	4		32	32
28.12	14:50	15:22	4		32	32
29.12	14:51	15:23	4		32	32
30.12	14:51	15:24	4		33	33
31.12	14:51	15:24	4		33	33

WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
01.01	14:28	15:08	5		40	40
02.01	14:29	15:08	5		39	39
03.01	14:30	15:09	5		39	39
04.01	14:29	15:09	5		40	40
05.01	14:30	15:10	5		40	40
06.01	14:30	15:10	5		40	40
07.01	14:31	15:11	5		40	40
08.01	14:31	15:11	5		40	40
09.01	14:32	15:12	5		40	40
10.01	14:32	15:12	5		40	40
11.01	14:33	15:12	5		39	39
12.01	14:33	15:12	5		39	39
13.01	14:33	15:12	5		39	39
14.01	14:35	15:13	5		38	38
15.01	14:35	15:14	5		39	39
16.01	14:35	15:13	5		38	38
17.01	14:36	15:13	5		37	37
18.01	14:36	15:13	5		37	37
19.01	14:37	15:13	5		36	36
20.01	14:38	15:13	5		35	
	16:06	16:15	6		9	44
21.01	14:39	15:14	5		35	
	16:05	16:18	6		13	48
22.01	14:40	15:13	5		33	
	16:03	16:19	6		16	49
23.01	14:41	15:13	5		32	
	16:02	16:20	6		18	50
24.01	14:41	15:12	5		31	
	16:01	16:21	6		20	51
25.01	14:43	15:11	5		28	
	16:01	16:23	6		22	50
26.01	14:44	15:10	5		26	
	16:00	16:23	6		23	49
27.01	14:46	15:09	5		23	
	16:00	16:24	6		24	47
28.01	14:48	15:08	5		20	
	16:00	16:24	6		24	44
29.01	14:51	15:06	5		15	
	16:00	16:26	6		26	41
30.01	14:55	15:02	5		7	
	16:00	16:26	6		26	33
31.01	16:00	16:26	6		26	26
01.02	16:01	16:27	6		26	26
02.02	16:01	16:26	6		25	25
03.02	16:01	16:26	6		25	
	16:34	16:40	7		6	31
04.02	16:01	16:26	6		25	
	16:31	16:43	7		12	37
05.02	16:02	16:26	6		24	
	16:30	16:46	7		16	40
06.02	16:03	16:25	6		22	
	16:28	16:48	7		20	42
07.02	16:04	16:25	6		21	
	16:27	16:49	7		22	43
08.02	16:05	16:24	6		19	
	16:26	16:50	7		24	43
09.02	16:07	16:22	6		15	
	16:26	16:50	7		24	39
10.02	16:09	16:20	6		11	
	16:25	16:51	7		26	37

WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
11.02	16:25	16:51	7		26	26
12.02	16:25	16:51	7		26	
	16:51	17:00	9		9	35
13.02	16:24	16:52	7		28	
	16:48	17:03	9		15	39
14.02	16:25	16:52	7		27	
	16:47	17:05	9		18	40
15.02	16:25	16:52	7		27	
	16:45	17:06	9		21	
	17:05	17:09	8		4	44
16.02	16:25	16:51	7		26	
	16:44	17:07	9		23	
	17:02	17:11	8		9	46
17.02	16:26	16:51	7		25	
	16:44	17:08	9		24	
	17:01	17:13	8		12	47
18.02	16:26	16:49	7		23	
	16:42	17:08	9		26	
	16:59	17:14	8		15	48
19.02	16:27	16:48	7		21	
	16:42	17:08	9		26	
	16:58	17:17	8		19	50
20.02	16:28	16:47	7		19	
	16:42	17:08	9		26	
	16:57	17:18	8		21	50
21.02	16:30	16:46	7		16	
	16:42	17:09	9		27	
	16:57	17:18	8		21	48
22.02	16:33	16:43	7		10	
	16:42	17:09	9		27	
	16:57	17:18	8		21	45
23.02	16:43	17:09	9		26	
	16:57	17:19	8		22	36
24.02	16:42	17:07	9		25	
	16:57	17:17	8		20	35
25.02	16:43	17:07	9		24	
	16:58	17:17	8		19	34
26.02	16:44	17:06	9		22	
	16:59	17:16	8		17	32
27.02	16:45	17:05	9		20	
	17:00	17:15	8		15	30
28.02	16:46	17:02	9		16	
	17:01	17:12	8		11	26
29.02	16:49	17:00	9		11	
	17:05	17:09	8		4	15
02.03	17:23	17:36	10		13	13
03.03	17:21	17:39	10		18	18
04.03	17:19	17:40	10		21	21
05.03	17:17	17:41	10		24	24
06.03	17:16	17:42	10		26	26
07.03	17:16	17:43	10		27	27
08.03	17:14	17:42	10		28	28
09.03	17:14	17:43	10		29	29
10.03	17:14	17:43	10		29	29
11.03	17:13	17:42	10		29	29
12.03	17:14	17:42	10		28	28
13.03	07:15	07:20	22		5	
	17:14	17:42	10		28	33
14.03	07:10	07:23	22		13	
	17:14	17:40	10		26	39



WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
15.03	07:09	07:25	22		16	41
	17:15	17:40	10		25	
16.03	07:07	07:27	22		20	43
	17:15	17:38	10		23	
17.03	07:05	07:27	22		22	52
	17:17	17:36	10		19	
	17:57	18:08	11		11	
18.03	07:05	07:28	22		23	54
	17:19	17:34	10		15	
	17:55	18:11	11		16	
19.03	07:04	07:27	22		23	51
	17:21	17:30	10		9	
	17:52	18:11	11		19	
20.03	07:03	07:27	22		24	45
	17:51	18:12	11		21	
21.03	07:04	07:27	22		23	45
	17:50	18:12	11		22	
22.03	06:54	06:58	21		4	51
	07:03	07:26	22		23	
	17:49	18:13	11		24	
23.03	06:50	07:02	21		12	59
	07:03	07:26	22		23	
	17:49	18:13	11		24	
24.03	06:47	07:03	21		16	61
	07:03	07:24	22		21	
	17:48	18:12	11		24	
25.03	06:45	07:05	21		20	62
	07:04	07:23	22		19	
	17:48	18:12	11		24	
26.03	06:44	07:06	21		22	62
	07:06	07:22	22		16	
	17:48	18:12	11		24	
27.03	06:43	07:06	21		23	58
	07:07	07:19	22		12	
	17:48	18:11	11		23	
28.03	06:42	07:06	21		24	45
	17:49	18:10	11		21	
29.03	07:42	08:06	21		24	43
	18:49	19:08	11		19	
30.03	07:38	07:45	20		7	42
	07:41	08:05	21		24	
	18:51	19:06	11		15	
31.03	07:34	07:49	20		15	42
	07:41	08:05	21		24	
	18:53	19:04	11		11	
01.04	07:32	07:51	20		19	33
	07:42	08:05	21		23	
02.04	07:30	07:52	20		22	33
	07:42	08:03	21		21	
03.04	07:29	07:53	20		24	33
	07:42	08:02	21		20	
04.04	07:28	07:54	20		26	33
	07:44	08:01	21		17	
05.04	07:26	07:53	20		27	32
	07:45	07:58	21		13	
06.04	07:26	07:54	20		28	29
	07:48	07:55	21		7	
07.04	07:25	07:54	20		29	29
08.04	07:24	07:53	20		29	29

WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
09.04	07:24	07:53	20		29	29
10.04	07:25	07:53	20		28	28
11.04	07:25	07:52	20		27	27
12.04	07:25	07:50	20		25	25
13.04	07:25	07:50	20		25	25
14.04	07:26	07:48	20		22	22
15.04	07:27	07:47	20		20	20
16.04	07:29	07:45	20		16	16
17.04	07:31	07:41	20		10	10
01.05	07:00	07:11	19		11	11
02.05	06:55	07:16	19		21	21
03.05	06:51	07:18	19		27	27
04.05	06:50	07:21	19		31	31
05.05	06:48	07:23	19		35	35
06.05	06:46	07:24	19		38	38
07.05	06:44	07:25	19		41	41
08.05	06:43	07:27	19		44	44
09.05	06:42	07:28	19		46	46
10.05	06:41	07:29	19		48	48
11.05	06:40	07:30	19		50	50
12.05	06:39	07:30	19		51	51
13.05	06:39	07:31	19		52	59
	20:37	20:44	15		7	
14.05	06:37	07:31	19		54	65
	20:34	20:45	15		11	
15.05	06:37	07:32	19		55	69
	20:33	20:47	15		14	
16.05	06:36	07:32	19		56	72
	20:31	20:47	15		16	
17.05	06:36	07:33	19		57	75
	20:31	20:49	15		18	
18.05	06:36	07:34	19		58	78
	20:31	20:51	15		20	
19.05	06:35	07:34	19		59	80
	20:30	20:51	15		21	
20.05	06:35	07:34	19		59	82
	20:29	20:52	15		23	
21.05	06:35	07:35	19		60	83
	20:29	20:52	15		23	
22.05	06:35	07:35	19		60	84
	20:29	20:53	15		24	
23.05	06:35	07:36	19		61	85
	20:28	20:52	15		24	
24.05	06:34	07:35	19		61	90
	20:29	20:53	15		24	
	20:50	20:58	16		8	
25.05	06:34	07:35	19		61	92
	20:29	20:53	15		24	
	20:49	21:00	16		11	
26.05	06:34	07:36	19		62	94
	20:29	20:53	15		24	
	20:48	21:01	16		13	
27.05	06:34	07:36	19		62	95
	20:29	20:53	15		24	
	20:47	21:02	16		15	
28.05	06:34	07:36	19		62	96
	20:29	20:53	15		24	
	20:46	21:03	16		17	
29.05	06:35	07:37	19		62	97
	20:29	20:53	15		24	
	20:45	21:04	16		19	





WEA07					
Datum	Start	Ende	IO	Min IO	Min gesamt
30.05	06:35	07:37	19	62	98
	20:30	20:54	15	24	
	20:46	21:06	16	20	
31.05	06:35	07:37	19	62	98
	20:31	20:54	15	23	
	20:45	21:07	16	22	
01.06	06:35	07:37	19	62	98
	20:31	20:53	15	22	
	20:45	21:07	16	22	
02.06	06:35	07:37	19	62	100
	20:31	20:53	15	22	
	20:45	21:07	16	22	
	21:05	21:09	17	4	
03.06	06:35	07:37	19	62	101
	20:32	20:54	15	22	
	20:45	21:08	16	23	
	21:04	21:11	17	7	
04.06	06:35	07:37	19	62	101
	20:32	20:53	15	21	
	20:45	21:08	16	23	
	21:02	21:11	17	9	
05.06	06:35	07:37	19	62	102
	20:32	20:53	15	21	
	20:44	21:08	16	24	
	21:01	21:12	17	11	
06.06	06:36	07:38	19	62	102
	20:33	20:53	15	20	
	20:45	21:09	16	24	
	21:01	21:13	17	12	
07.06	06:35	07:37	19	62	102
	20:33	20:53	15	20	
	20:44	21:09	16	25	
	21:00	21:13	17	13	
08.06	06:36	07:38	19	62	103
	20:34	20:53	15	19	
	20:45	21:10	16	25	
	21:01	21:15	17	14	
09.06	06:37	07:38	19	61	102
	20:35	20:53	15	18	
	20:45	21:10	16	25	
	21:01	21:16	17	15	
10.06	06:36	07:38	19	62	103
	20:35	20:52	15	17	
	20:45	21:10	16	25	
	21:00	21:16	17	16	
11.06	06:37	07:38	19	61	103
	20:35	20:53	15	18	
	20:45	21:10	16	25	
	21:00	21:17	17	17	
12.06	06:37	07:39	19	62	104
	20:36	20:53	15	17	
	20:46	21:11	16	25	
	21:00	21:18	17	18	
13.06	06:38	07:39	19	61	103
	20:36	20:52	15	16	
	20:45	21:10	16	25	
	21:00	21:18	17	18	
14.06	06:37	07:38	19	61	102
	20:37	20:52	15	15	
	20:45	21:11	16	26	
	21:00	21:18	17	18	

WEA07					
Datum	Start	Ende	IO	Min IO	Min gesamt
15.06	06:37	07:39	19	62	104
	20:37	20:52	15	15	
	20:46	21:11	16	25	
	21:00	21:19	17	19	
16.06	06:38	07:39	19	61	103
	20:38	20:52	15	14	
	20:46	21:11	16	25	
	21:00	21:20	17	20	
17.06	06:38	07:39	19	61	103
	20:38	20:52	15	14	
	20:46	21:12	16	26	
	21:00	21:20	17	20	
18.06	06:38	07:39	19	61	103
	20:38	20:52	15	14	
	20:46	21:12	16	26	
	21:00	21:20	17	20	
19.06	06:38	07:39	19	61	103
	20:39	20:52	15	13	
	20:47	21:12	16	25	
	21:00	21:21	17	21	
20.06	06:38	07:39	19	61	103
	20:39	20:52	15	13	
	20:47	21:12	16	25	
	21:00	21:21	17	21	
21.06	06:39	07:40	19	61	103
	20:40	20:53	15	13	
	20:48	21:13	16	25	
	21:01	21:22	17	21	
22.06	06:39	07:40	19	61	103
	20:40	20:53	15	13	
	20:48	21:13	16	25	
	21:01	21:22	17	21	
23.06	06:39	07:40	19	61	103
	20:40	20:53	15	13	
	20:48	21:13	16	25	
	21:01	21:22	17	21	
24.06	06:40	07:41	19	61	102
	20:40	20:53	15	13	
	20:47	21:13	16	26	
	21:01	21:21	17	20	
25.06	06:40	07:41	19	61	103
	20:40	20:54	15	14	
	20:48	21:14	16	26	
	21:02	21:22	17	20	
26.06	06:40	07:41	19	61	103
	20:40	20:54	15	14	
	20:48	21:13	16	25	
	21:02	21:22	17	20	
27.06	06:41	07:42	19	61	103
	20:40	20:55	15	15	
	20:49	21:14	16	25	
	21:03	21:22	17	19	
28.06	06:40	07:41	19	61	103
	20:40	20:55	15	15	
	20:49	21:14	16	25	
	21:03	21:22	17	19	
29.06	06:41	07:42	19	61	103
	20:40	20:56	15	16	
	20:49	21:14	16	25	
	21:04	21:22	17	18	



WEA07					
Datum	Start	Ende	IO	Min IO	Min gesamt
30.06	06:40	07:42	19	62	103
	20:40	20:56	15	16	
	20:49	21:14	16	25	
	21:03	21:21	17	18	
01.07	06:41	07:42	19	61	102
	20:40	20:57	15	17	
	20:49	21:15	16	26	
	21:04	21:21	17	17	
02.07	06:41	07:43	19	62	103
	20:40	20:57	15	17	
	20:50	21:15	16	25	
	21:05	21:21	17	16	
03.07	06:41	07:43	19	62	103
	20:39	20:57	15	18	
	20:50	21:14	16	24	
	21:05	21:20	17	15	
04.07	06:41	07:43	19	62	103
	20:39	20:58	15	19	
	20:50	21:15	16	25	
	21:06	21:20	17	14	
05.07	06:42	07:43	19	61	102
	20:39	20:59	15	20	
	20:51	21:15	16	24	
	21:07	21:20	17	13	
06.07	06:42	07:44	19	62	103
	20:39	20:59	15	20	
	20:51	21:15	16	24	
	21:07	21:20	17	13	
07.07	06:42	07:44	19	62	102
	20:39	21:00	15	21	
	20:52	21:15	16	23	
	21:08	21:19	17	11	
08.07	06:43	07:45	19	62	102
	20:39	21:00	15	21	
	20:52	21:16	16	24	
	21:09	21:19	17	10	
09.07	06:43	07:45	19	62	101
	20:38	21:00	15	22	
	20:51	21:15	16	24	
	21:10	21:17	17	7	
10.07	06:43	07:45	19	62	101
	20:38	21:00	15	22	
	20:52	21:15	16	23	
	21:11	21:17	17	6	
11.07	06:43	07:45	19	62	98
	20:38	21:01	15	23	
	20:52	21:14	16	22	
12.07	06:43	07:45	19	62	98
	20:38	21:01	15	23	
	20:53	21:14	16	21	
13.07	06:43	07:45	19	62	98
	20:39	21:02	15	23	
	20:54	21:15	16	21	
14.07	06:43	07:45	19	62	97
	20:39	21:02	15	23	
	20:55	21:14	16	19	
15.07	06:44	07:45	19	61	95
	20:39	21:03	15	24	
	20:55	21:13	16	18	

WEA07					
Datum	Start	Ende	IO	Min IO	Min gesamt
16.07	06:44	07:45	19	61	95
	20:38	21:03	15	25	
	20:56	21:12	16	16	
17.07	06:44	07:45	19	61	94
	20:38	21:03	15	25	
	20:57	21:11	16	14	
18.07	06:44	07:45	19	61	93
	20:38	21:02	15	24	
	20:58	21:10	16	12	
19.07	06:45	07:46	19	61	91
	20:39	21:03	15	24	
	21:00	21:09	16	9	
20.07	06:45	07:45	19	60	89
	20:39	21:03	15	24	
	21:02	21:08	16	6	
21.07	06:45	07:45	19	60	84
	20:39	21:03	15	24	
22.07	06:45	07:45	19	60	83
	20:39	21:02	15	23	
23.07	06:46	07:45	19	59	82
	20:40	21:03	15	23	
24.07	06:46	07:44	19	58	80
	20:40	21:02	15	22	
25.07	06:46	07:44	19	58	79
	20:40	21:01	15	21	
26.07	06:47	07:44	19	57	77
	20:41	21:01	15	20	
27.07	06:47	07:43	19	56	73
	20:42	20:59	15	17	
28.07	06:48	07:43	19	55	70
	20:43	20:58	15	15	
29.07	06:48	07:43	19	55	67
	20:44	20:56	15	12	
30.07	06:48	07:42	19	54	63
	20:45	20:54	15	9	
31.07	06:49	07:41	19	52	56
	20:49	20:53	15	4	
01.08	06:49	07:40	19	51	51
02.08	06:51	07:40	19	49	49
03.08	06:51	07:38	19	47	47
04.08	06:53	07:38	19	45	45
05.08	06:53	07:36	19	43	43
06.08	06:55	07:35	19	40	40
07.08	06:56	07:33	19	37	37
08.08	06:58	07:32	19	34	34
09.08	06:59	07:29	19	30	30
10.08	07:02	07:27	19	25	25
11.08	07:04	07:23	19	19	19
12.08	07:11	07:17	19	6	6
26.08	07:33	07:44	20	11	11
27.08	07:31	07:47	20	16	16
28.08	07:28	07:48	20	20	20
29.08	07:27	07:49	20	22	22
30.08	07:25	07:49	20	24	24
31.08	07:24	07:50	20	26	26
01.09	07:24	07:51	20	27	27
02.09	07:23	07:51	20	28	28
03.09	07:22	07:51	20	29	29
04.09	07:21	07:50	20	29	29



WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
05.09	07:22	07:50	20		28	28
06.09	07:22	07:50	20		28	28
	07:44	07:50	21		6	
07.09	07:21	07:48	20		27	32
	07:40	07:53	21		13	
08.09	07:22	07:48	20		26	33
	07:38	07:55	21		17	
09.09	07:23	07:47	20		24	33
	07:37	07:56	21		19	
10.09	07:23	07:45	20		22	33
	07:35	07:56	21		21	
11.09	07:24	07:44	20		20	33
	07:34	07:57	21		23	
12.09	07:25	07:41	20		16	41
	07:33	07:56	21		23	
	18:45	18:55	11		10	
13.09	07:28	07:37	20		9	45
	07:33	07:57	21		24	
	18:42	18:58	11		16	
14.09	07:33	07:57	21		24	42
	18:40	18:58	11		18	
15.09	07:32	07:55	21		23	44
	18:38	18:59	11		21	
16.09	07:32	07:55	21		23	55
	07:57	08:07	22		10	
	18:38	19:00	11		22	
17.09	07:33	07:54	21		21	60
	07:55	08:10	22		15	
	18:36	19:00	11		24	
18.09	07:32	07:52	21		20	62
	07:52	08:10	22		18	
	18:36	19:00	11		24	
19.09	07:34	07:51	21		17	62
	07:51	08:11	22		20	
	18:35	19:00	11		25	
20.09	07:35	07:49	21		14	61
	07:50	08:12	22		22	
	18:34	18:59	11		25	
21.09	07:38	07:45	21		7	54
	07:49	08:12	22		23	
	18:35	18:59	11		24	
22.09	07:48	08:12	22		24	47
	18:35	18:58	11		23	
23.09	07:48	08:12	22		24	45
	18:35	18:56	11		21	
24.09	07:47	08:11	22		24	48
	18:07	18:12	10		5	
	18:36	18:55	11		19	
25.09	07:47	08:10	22		23	54
	18:02	18:16	10		14	
	18:37	18:54	11		17	
26.09	07:48	08:10	22		22	53
	18:00	18:18	10		18	
	18:38	18:51	11		13	
27.09	07:48	08:08	22		20	46
	17:57	18:19	10		22	
28.09	18:42	18:46	11		4	42
	07:49	08:07	22		18	
	17:56	18:20	10		24	

WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
29.09	07:50	08:05	22		15	41
	17:55	18:21	10		26	
30.09	07:53	08:02	22		9	36
	17:53	18:20	10		27	
01.10	17:53	18:21	10		28	28
02.10	17:52	18:21	10		29	29
03.10	17:52	18:21	10		29	29
04.10	17:51	18:20	10		29	29
05.10	17:51	18:19	10		28	28
06.10	17:51	18:19	10		28	28
07.10	17:52	18:18	10		26	26
08.10	17:53	18:17	10		24	24
09.10	17:53	18:15	10		22	22
10.10	17:54	18:14	10		20	20
11.10	17:56	18:12	10		16	16
12.10	17:59	18:09	10		10	10
13.10	17:25	17:30	9		5	5
	17:21	17:34	9		13	
14.10	17:36	17:44	8		8	21
	17:18	17:35	9		17	
15.10	17:32	17:45	8		13	27
	17:16	17:36	9		20	
16.10	17:31	17:47	8		16	31
	17:15	17:37	9		22	
17.10	17:29	17:48	8		19	33
	17:14	17:38	9		24	
18.10	17:29	17:48	8		19	34
	17:13	17:39	9		26	
19.10	17:28	17:49	8		21	36
	17:13	17:39	9		26	
20.10	17:28	17:49	8		21	36
	17:02	17:14	7		12	
	17:13	17:39	9		26	
21.10	17:28	17:49	8		21	47
	17:00	17:17	7		17	
	17:12	17:39	9		27	
22.10	17:28	17:49	8		21	49
	16:58	17:18	7		20	
	17:12	17:39	9		27	
23.10	17:28	17:48	8		20	50
	16:57	17:19	7		22	
	17:13	17:39	9		26	
24.10	17:29	17:46	8		17	49
	15:56	16:20	7		24	
	16:13	16:38	9		25	
25.10	16:29	16:44	8		15	48
	15:55	16:21	7		26	
26.10	16:13	16:37	9		24	47
	16:31	16:42	8		11	
	15:55	16:21	7		26	
27.10	16:14	16:36	9		22	45
	16:32	16:40	8		8	
	15:54	16:21	7		27	
28.10	16:15	16:35	9		20	43
	16:36	16:38	8		2	
29.10	15:54	16:21	7		27	40
	16:17	16:34	9		17	
30.10	15:54	16:21	7		27	38
	16:18	16:32	9		14	



WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
31.10	15:54	16:21	7		27	35
	16:21	16:29	9		8	
01.11	15:42	15:46	6		4	31
	15:54	16:21	7		27	
02.11	15:38	15:50	6		12	37
	15:55	16:20	7		25	
03.11	15:36	15:52	6		16	41
	15:55	16:20	7		25	
04.11	15:35	15:53	6		18	41
	15:56	16:19	7		23	
05.11	15:34	15:55	6		21	42
	15:57	16:18	7		21	
06.11	15:33	15:55	6		22	41
	15:58	16:17	7		19	
07.11	15:32	15:56	6		24	40
	16:00	16:16	7		16	
08.11	15:32	15:57	6		25	37
	16:02	16:14	7		12	
09.11	15:32	15:57	6		25	31
	16:05	16:11	7		6	
10.11	15:31	15:57	6		26	26
11.11	15:31	15:57	6		26	26
12.11	15:32	15:57	6		25	25
13.11	14:26	14:35	5		9	35
	15:32	15:58	6		26	
14.11	14:23	14:38	5		15	40
	15:32	15:57	6		25	
15.11	14:21	14:41	5		20	44
	15:33	15:57	6		24	
16.11	14:19	14:42	5		23	47
	15:33	15:57	6		24	
17.11	14:18	14:44	5		26	49
	15:34	15:57	6		23	
18.11	14:17	14:45	5		28	50
	15:35	15:57	6		22	
19.11	14:16	14:47	5		31	51
	15:36	15:56	6		20	
20.11	14:16	14:48	5		32	50
	15:37	15:55	6		18	
21.11	14:16	14:49	5		33	49
	15:39	15:55	6		16	
22.11	14:15	14:50	5		35	48
	15:41	15:54	6		13	
23.11	14:14	14:49	5		35	44
	15:42	15:51	6		9	
24.11	14:14	14:50	5		36	38
	15:46	15:48	6		2	
25.11	14:14	14:51	5		37	37
26.11	14:15	14:52	5		37	37
27.11	14:15	14:53	5		38	38
28.11	14:14	14:53	5		39	39
29.11	14:15	14:53	5		38	38
30.11	14:15	14:54	5		39	39
01.12	14:15	14:54	5		39	39
02.12	14:16	14:55	5		39	39
03.12	14:15	14:55	5		40	40
04.12	14:16	14:56	5		40	40
05.12	14:16	14:56	5		40	40
06.12	14:17	14:57	5		40	40

WEA07						
Datum	Start	Ende	IO		Min IO	Min gesamt
07.12	14:17	14:57	5		40	40
08.12	14:17	14:57	5		40	40
09.12	14:19	14:58	5		39	39
10.12	14:19	14:58	5		39	39
11.12	14:19	14:58	5		39	39
12.12	14:20	14:59	5		39	39
13.12	14:20	14:59	5		39	39
14.12	14:20	14:59	5		39	39
15.12	14:21	15:00	5		39	39
16.12	14:22	15:00	5		38	38
17.12	14:22	15:01	5		39	39
18.12	14:23	15:02	5		39	39
19.12	14:23	15:02	5		39	39
20.12	14:24	15:02	5		38	38
21.12	14:24	15:02	5		38	38
22.12	14:25	15:03	5		38	38
23.12	14:25	15:03	5		38	38
24.12	14:26	15:04	5		38	38
25.12	14:26	15:05	5		39	39
26.12	14:26	15:05	5		39	39
27.12	14:27	15:05	5		38	38
28.12	14:27	15:06	5		39	39
29.12	14:27	15:06	5		39	39
30.12	14:28	15:07	5		39	39
31.12	14:28	15:07	5		39	39

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	14:48	15:13	6	25	47
	15:09	15:35	7	26	
02.01	14:49	15:14	6	25	47
	15:09	15:36	7	27	
03.01	14:50	15:14	6	24	47
	15:10	15:37	7	27	
04.01	14:50	15:14	6	24	47
	15:09	15:37	7	28	
05.01	14:51	15:14	6	23	47
	15:10	15:38	7	28	
06.01	14:52	15:14	6	22	51
	15:10	15:38	7	28	
	15:41	15:46	9	5	
07.01	14:53	15:14	6	21	55
	15:11	15:39	7	28	
	15:40	15:49	9	9	
08.01	14:53	15:14	6	21	58
	15:10	15:39	7	29	
	15:39	15:51	9	12	
09.01	14:55	15:14	6	19	58
	15:11	15:40	7	29	
	15:39	15:53	9	14	
10.01	14:56	15:14	6	18	58
	15:11	15:41	7	30	
	15:38	15:54	9	16	
11.01	14:57	15:13	6	16	58
	15:11	15:41	7	30	
	15:37	15:55	9	18	
12.01	14:58	15:13	6	15	58
	15:12	15:41	7	29	
	15:36	15:56	9	20	
13.01	14:59	15:12	6	13	58
	15:12	15:41	7	29	
	15:36	15:57	9	21	
14.01	15:02	15:11	6	9	55
	15:12	15:42	7	30	
	15:36	15:58	9	22	
15.01	15:13	15:42	7	29	46
	15:35	15:59	9	24	
16.01	15:13	15:42	7	29	47
	15:35	16:00	9	25	
17.01	15:14	15:43	7	29	47
	15:35	16:01	9	26	
18.01	15:14	15:43	7	29	48
	15:35	16:02	9	27	
19.01	15:15	15:43	7	28	48
	15:35	16:03	9	28	
20.01	15:16	15:43	7	27	48
	15:35	16:04	9	29	
21.01	15:17	15:44	7	27	46
	15:35	16:03	9	28	
22.01	15:17	15:43	7	26	53
	15:35	16:04	9	29	
	16:13	16:19	8	6	
23.01	15:18	15:43	7	25	58
	15:36	16:05	9	29	
	16:11	16:22	8	11	
24.01	15:19	15:42	7	23	59
	15:35	16:05	9	30	
	16:10	16:23	8	13	

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
25.01	15:21	15:42	7	21	62
	15:36	16:06	9	30	
	16:09	16:26	8	17	
26.01	15:21	15:40	7	19	63
	15:36	16:05	9	29	
	16:08	16:27	8	19	
27.01	15:24	15:40	7	16	63
	15:37	16:06	9	29	
	16:08	16:29	8	21	
28.01	15:26	15:37	7	11	61
	15:37	16:06	9	29	
	16:08	16:29	8	21	
29.01	15:31	15:34	7	3	53
	15:38	16:06	9	28	
	16:08	16:30	8	22	
30.01	15:38	16:06	9	28	51
	16:07	16:30	8	23	
31.01	15:38	16:05	9	27	50
	16:07	16:30	8	23	
01.02	15:40	16:05	9	25	48
	16:08	16:31	8	23	
02.02	15:41	16:04	9	23	47
	16:08	16:31	8	23	
	16:21	16:32	10	11	
03.02	15:42	16:03	9	21	48
	16:08	16:31	8	23	
	16:18	16:35	10	17	
04.02	15:43	16:02	9	19	47
	16:08	16:31	8	23	
	16:16	16:36	10	20	
05.02	15:46	16:01	9	15	44
	16:10	16:31	8	21	
	16:16	16:39	10	23	
06.02	15:48	15:59	9	11	41
	16:10	16:31	8	21	
	16:14	16:40	10	26	
07.02	16:11	16:30	8	19	30
	16:13	16:41	10	28	
08.02	16:12	16:29	8	17	30
	16:12	16:42	10	30	
09.02	16:12	16:43	10	31	31
	16:14	16:27	8	13	
10.02	16:11	16:43	10	32	32
	16:16	16:25	8	9	
11.02	16:11	16:44	10	33	33
12.02	16:11	16:44	10	33	33
13.02	16:10	16:44	10	34	34
14.02	16:10	16:44	10	34	34
15.02	16:10	16:44	10	34	34
16.02	16:11	16:44	10	33	33
17.02	16:11	16:44	10	33	33
18.02	16:11	16:43	10	32	32
19.02	16:11	16:43	10	32	32
20.02	16:12	16:42	10	30	30
21.02	16:13	16:41	10	28	28
22.02	16:14	16:40	10	26	26
23.02	16:16	16:39	10	23	23
24.02	16:17	16:36	10	19	19
25.02	16:20	16:34	10	14	20
	17:16	17:22	11	6	



WEA08						
Datum	Start	Ende	IO	Min IO	Min gesamt	
26.02	17:12	17:26	11	14	14	
27.02	17:10	17:29	11	19	19	
28.02	17:07	17:29	11	22	22	
29.02	17:06	17:31	11	25	25	
01.03	17:05	17:32	11	27	27	
02.03	17:04	17:32	11	28	28	
03.03	17:04	17:32	11	28	28	
04.03	17:03	17:33	11	30	30	
05.03	17:02	17:32	11	30	30	
06.03	17:02	17:32	11	30	30	
07.03	17:03	17:32	11	29	29	
08.03	17:02	17:31	11	29	29	
09.03	17:03	17:30	11	27	27	
10.03	17:04	17:30	11	26	34	
	17:48	17:56	12	8		
11.03	17:04	17:28	11	24	37	
	17:44	17:57	12	13		
12.03	17:06	17:27	11	21	38	
	17:43	18:00	12	17		
13.03	07:15	07:17	20	2	38	
	17:08	17:25	11	17		
	17:42	18:01	12	19		
14.03	07:10	07:21	20	11	44	
	17:09	17:21	11	12		
	17:40	18:01	12	21		
15.03	07:08	07:23	20	15	37	
	17:40	18:02	12	22		
16.03	07:06	07:25	20	19	42	
	17:38	18:01	12	23		
17.03	07:04	07:25	20	21	45	
	17:38	18:02	12	24		
18.03	07:04	07:25	20	21	44	
	17:39	18:02	12	23		
19.03	07:02	07:25	20	23	45	
	17:38	18:00	12	22		
20.03	07:02	07:25	20	23	44	
	07:12	07:23	19	11		
	17:39	18:00	12	21		
21.03	07:03	07:25	20	22	43	
	07:08	07:27	19	19		
	17:39	17:58	12	19		
22.03	07:02	07:24	20	22	44	
	07:05	07:29	19	24		
	17:40	17:57	12	17		
23.03	07:03	07:31	19	28	40	
	07:03	07:23	20	20		
	17:43	17:55	12	12		
24.03	07:01	07:31	19	30	34	
	07:02	07:22	20	20		
	17:46	17:50	12	4		
25.03	07:00	07:33	19	33	33	
	07:04	07:20	20	16		
26.03	06:59	07:34	19	35	35	
	07:05	07:19	20	14		
27.03	06:57	07:34	19	37	37	
	07:08	07:15	20	7		
28.03	06:56	07:34	19	38	38	
29.03	07:56	08:35	19	39	39	
30.03	07:55	08:34	19	39	39	

WEA08						
Datum	Start	Ende	IO	Min IO	Min gesamt	
31.03	07:54	08:34	19	40	40	
01.04	07:53	08:33	19	40	40	
02.04	07:53	08:33	19	40	40	
03.04	07:53	08:33	19	40	40	
04.04	07:54	08:33	19	39	39	
05.04	07:53	08:31	19	38	38	
06.04	07:54	08:31	19	37	37	
07.04	07:54	08:30	19	36	36	
08.04	07:54	08:28	19	34	45	
	19:34	19:45	13	11		
09.04	07:55	08:27	19	32	48	
	19:32	19:48	13	16		
10.04	07:56	08:26	19	30	49	
	19:30	19:49	13	19		
11.04	07:57	08:24	19	27	48	
	19:28	19:49	13	21		
12.04	07:58	08:21	19	23	46	
	19:27	19:50	13	23		
13.04	08:00	08:19	19	19	43	
	19:27	19:51	13	24		
14.04	08:04	08:15	19	11	36	
	19:26	19:51	13	25		
15.04	19:26	19:51	13	25	25	
16.04	19:25	19:50	13	25	25	
17.04	19:25	19:50	13	25	25	
18.04	19:25	19:50	13	25	25	
19.04	19:25	19:49	13	24	24	
20.04	19:26	19:48	13	22	22	
21.04	19:27	19:47	13	20	20	
22.04	19:28	19:46	13	18	18	
23.04	06:52	06:59	18	7	22	
	19:29	19:44	13	15		
24.04	06:48	07:03	18	15	26	
	19:31	19:42	13	11		
25.04	06:45	07:05	18	20	20	
26.04	06:43	07:07	18	24	24	
27.04	06:42	07:08	18	26	26	
28.04	06:40	07:09	18	29	29	
29.04	06:39	07:10	18	31	31	
30.04	06:38	07:10	18	32	38	
	20:15	20:21	14	6		
01.05	06:37	07:11	18	34	46	
	20:12	20:24	14	12		
02.05	06:36	07:11	18	35	51	
	20:10	20:26	14	16		
03.05	06:36	07:11	18	35	54	
	20:08	20:27	14	19		
04.05	06:36	07:12	18	36	56	
	20:08	20:28	14	20		
05.05	06:35	07:12	18	37	60	
	20:06	20:29	14	23		
	20:20	20:22	15	2		
06.05	06:35	07:11	18	36	59	
	20:06	20:29	14	23		
	20:15	20:27	15	12		
07.05	06:35	07:11	18	36	60	
	20:05	20:29	14	24		
	20:12	20:29	15	17		
08.05	06:35	07:12	18	37	63	
	20:05	20:30	14	25		
	20:11	20:31	15	20		



WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
09.05	06:35	07:11	18	36	64
	20:04	20:30	14	26	
	20:09	20:32	15	23	
10.05	06:36	07:12	18	36	64
	20:04	20:30	14	26	
	20:08	20:32	15	24	
11.05	06:35	07:11	18	36	66
	20:04	20:30	14	26	
	20:08	20:34	15	26	
12.05	06:35	07:10	18	35	65
	20:04	20:30	14	26	
	20:06	20:34	15	28	
13.05	06:36	07:10	18	34	64
	20:05	20:30	14	25	
	20:06	20:35	15	29	
14.05	06:36	07:09	18	33	64
	20:04	20:29	14	25	
	20:05	20:35	15	30	
15.05	06:37	07:09	18	32	63
	20:05	20:30	14	25	
	20:06	20:36	15	30	
16.05	06:38	07:09	18	31	62
	20:05	20:29	14	24	
	20:05	20:36	15	31	
17.05	06:38	07:08	18	30	61
	20:05	20:36	15	31	
	20:06	20:29	14	23	
18.05	06:39	07:07	18	28	65
	20:05	20:37	15	32	
	20:07	20:28	14	21	
19.05	06:39	07:06	18	27	67
	20:04	20:36	15	32	
	20:07	20:27	14	20	
20.05	06:40	07:05	18	25	66
	20:05	20:37	15	32	
	20:08	20:26	14	18	
21.05	06:41	07:05	18	24	67
	20:05	20:37	15	32	
	20:10	20:26	14	16	
22.05	06:43	07:04	18	21	65
	20:05	20:37	15	32	
	20:11	20:25	14	14	
23.05	06:44	07:03	18	19	65
	20:05	20:36	15	31	
	20:12	20:23	14	11	
24.05	06:46	07:01	18	15	61
	20:05	20:36	15	31	
	20:14	20:20	14	6	
25.05	06:47	06:59	18	12	58
	20:05	20:36	15	31	
	20:25	20:51	16	26	
26.05	06:50	06:56	18	6	52
	20:06	20:36	15	30	
	20:24	20:52	16	28	

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
27.05	20:06	20:36	15	30	47
	20:24	20:53	16	29	
28.05	20:07	20:36	15	29	46
	20:24	20:53	16	29	
29.05	20:07	20:36	15	29	49
	20:23	20:54	16	31	
	20:54	20:56	17	2	
30.05	20:08	20:36	15	28	52
	20:24	20:55	16	31	
	20:51	21:00	17	9	
31.05	20:09	20:36	15	27	53
	20:24	20:55	16	31	
	20:49	21:02	17	13	
01.06	20:09	20:35	15	26	54
	20:23	20:55	16	32	
	20:48	21:03	17	15	
02.06	20:09	20:35	15	26	55
	20:23	20:55	16	32	
	20:47	21:04	17	17	
03.06	20:10	20:35	15	25	56
	20:24	20:56	16	32	
	20:47	21:06	17	19	
04.06	20:11	20:35	15	24	55
	20:23	20:56	16	33	
	20:46	21:06	17	20	
05.06	20:11	20:34	15	23	55
	20:23	20:56	16	33	
	20:45	21:06	17	21	
06.06	20:12	20:34	15	22	56
	20:24	20:57	16	33	
	20:45	21:08	17	23	
07.06	20:12	20:33	15	21	56
	20:23	20:57	16	34	
	20:44	21:08	17	24	
08.06	20:13	20:34	15	21	56
	20:24	20:57	16	33	
	20:45	21:09	17	24	
09.06	20:14	20:34	15	20	56
	20:24	20:58	16	34	
	20:45	21:10	17	25	
10.06	20:14	20:33	15	19	55
	20:24	20:58	16	34	
	20:44	21:09	17	25	
11.06	20:15	20:33	15	18	55
	20:24	20:58	16	34	
	20:44	21:10	17	26	
12.06	20:16	20:33	15	17	55
	20:25	20:59	16	34	
	20:45	21:11	17	26	
13.06	20:16	20:32	15	16	54
	20:24	20:58	16	34	
	20:44	21:10	17	26	
14.06	20:17	20:32	15	15	54
	20:25	20:58	16	33	
	20:44	21:11	17	27	
15.06	20:18	20:32	15	14	53
	20:25	20:59	16	34	
	20:44	21:11	17	27	
16.06	20:18	20:32	15	14	54
	20:25	20:59	16	34	
	20:44	21:12	17	28	



WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
17.06	20:19	20:32	15	13	53
	20:25	20:59	16	34	
	20:45	21:12	17	27	
18.06	20:19	20:32	15	13	53
	20:25	20:59	16	34	
	20:45	21:12	17	27	
19.06	20:20	20:31	15	11	53
	20:26	21:00	16	34	
	20:45	21:13	17	28	
20.06	20:20	20:31	15	11	53
	20:26	21:00	16	34	
	20:45	21:13	17	28	
21.06	20:21	20:32	15	11	53
	20:27	21:01	16	34	
	20:46	21:14	17	28	
22.06	20:21	20:32	15	11	53
	20:27	21:01	16	34	
	20:46	21:14	17	28	
23.06	20:21	20:32	15	11	53
	20:27	21:01	16	34	
	20:46	21:14	17	28	
24.06	20:20	20:33	15	13	53
	20:27	21:01	16	34	
	20:46	21:13	17	27	
25.06	20:21	20:34	15	13	53
	20:27	21:01	16	34	
	20:47	21:14	17	27	
26.06	20:20	20:34	15	14	54
	20:27	21:01	16	34	
	20:47	21:14	17	27	
27.06	20:21	20:35	15	14	54
	20:28	21:02	16	34	
	20:47	21:15	17	28	
28.06	20:20	20:35	15	15	54
	20:28	21:02	16	34	
	20:47	21:14	17	27	
29.06	20:20	20:36	15	16	55
	20:28	21:02	16	34	
	20:48	21:15	17	27	
30.06	20:20	20:36	15	16	54
	20:28	21:02	16	34	
	20:48	21:14	17	26	
01.07	20:20	20:37	15	17	54
	20:29	21:02	16	33	
	20:49	21:14	17	25	
02.07	20:20	20:38	15	18	55
	20:29	21:03	16	34	
	20:49	21:15	17	26	
03.07	20:19	20:38	15	19	55
	20:29	21:02	16	33	
	20:49	21:14	17	25	
04.07	20:19	20:39	15	20	55
	20:29	21:03	16	34	
	20:50	21:14	17	24	
05.07	20:19	20:40	15	21	55
	20:29	21:03	16	34	
	20:51	21:14	17	23	
06.07	20:19	20:40	15	21	55
	20:30	21:03	16	33	
	20:51	21:14	17	23	

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
07.07	20:18	20:41	15	23	56
	20:30	21:04	16	34	
	20:52	21:14	17	22	
08.07	20:18	20:42	15	24	56
	20:31	21:04	16	33	
	20:53	21:14	17	21	
09.07	20:17	20:41	15	24	55
	20:30	21:03	16	33	
	20:53	21:12	17	19	
10.07	20:17	20:42	15	25	55
	20:30	21:03	16	33	
	20:54	21:12	17	18	
11.07	20:16	20:43	15	27	55
	20:31	21:03	16	32	
	20:55	21:11	17	16	
12.07	20:16	20:43	15	27	54
	20:31	21:03	16	32	
	20:56	21:10	17	14	
13.07	20:17	20:44	15	27	52
	20:32	21:03	16	31	
	20:58	21:09	17	11	
14.07	20:17	20:45	15	28	50
	20:33	21:03	16	30	
	21:01	21:07	17	6	
15.07	20:16	20:45	15	29	47
	20:33	21:03	16	30	
	20:33	21:02	16	29	
16.07	20:16	20:45	15	29	46
	20:33	21:02	16	29	
	20:33	21:02	16	29	
17.07	20:15	20:46	15	31	47
	20:34	21:02	16	28	
	20:34	21:02	16	28	
18.07	06:58	07:07	18	9	55
	20:15	20:46	15	31	
	20:34	21:01	16	27	
19.07	06:56	07:10	18	14	60
	20:16	20:47	15	31	
	20:35	21:02	16	27	
20.07	06:54	07:12	18	18	64
	20:15	20:47	15	32	
	20:23	20:32	14	9	
21.07	06:53	07:13	18	20	65
	20:15	20:47	15	32	
	20:21	20:34	14	13	
22.07	06:52	07:14	18	22	65
	20:15	20:46	15	31	
	20:20	20:35	14	15	
23.07	06:51	07:16	18	25	68
	20:15	20:47	15	32	
	20:19	20:37	14	18	
24.07	06:50	07:16	18	26	67
	20:15	20:47	15	32	
	20:18	20:37	14	19	
25.07	06:49	07:17	18	28	67
	20:15	20:46	15	31	
	20:17	20:38	14	21	
	20:42	20:54	16	12	





WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
26.07	06:49	07:18	18	29	63
	20:16	20:47	15	31	
	20:17	20:39	14	22	
	20:47	20:50	16	3	
27.07	06:48	07:18	18	30	61
	20:15	20:46	15	31	
	20:16	20:39	14	23	
28.07	06:48	07:20	18	32	63
	20:16	20:40	14	24	
	20:16	20:47	15	31	
29.07	06:47	07:20	18	33	64
	20:15	20:40	14	25	
	20:16	20:46	15	30	
30.07	06:46	07:20	18	34	64
	20:15	20:40	14	25	
	20:16	20:45	15	29	
31.07	06:46	07:21	18	35	65
	20:15	20:41	14	26	
	20:17	20:45	15	28	
01.08	06:45	07:21	18	36	66
	20:14	20:40	14	26	
	20:17	20:44	15	27	
02.08	06:46	07:21	18	35	64
	20:15	20:41	14	26	
	20:18	20:44	15	26	
03.08	06:45	07:21	18	36	64
	20:14	20:40	14	26	
	20:19	20:42	15	23	
04.08	06:45	07:22	18	37	64
	20:15	20:40	14	25	
	20:20	20:42	15	22	
05.08	06:45	07:21	18	36	61
	20:15	20:40	14	25	
	20:21	20:40	15	19	
06.08	06:45	07:22	18	37	62
	20:15	20:40	14	25	
	20:23	20:38	15	15	
07.08	06:44	07:21	18	37	60
	20:15	20:38	14	23	
	20:25	20:35	15	10	
08.08	06:45	07:21	18	36	58
	20:16	20:38	14	22	
09.08	06:45	07:20	18	35	56
	20:16	20:37	14	21	
10.08	06:45	07:20	18	35	53
	20:18	20:36	14	18	
11.08	06:46	07:20	18	34	49
	20:19	20:34	14	15	
12.08	06:46	07:19	18	33	44
	20:21	20:32	14	11	
13.08	06:47	07:18	18	31	31
14.08	06:47	07:17	18	30	30
15.08	06:48	07:16	18	28	28
16.08	06:48	07:14	18	26	26
17.08	06:50	07:13	18	23	23
18.08	06:51	07:10	18	19	23
	19:40	19:44	13	4	
19.08	06:54	07:08	18	14	26
	19:36	19:48	13	12	

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.08	07:00	07:02	18	2	18
	19:33	19:49	13	16	
21.08	19:32	19:51	13	19	19
22.08	19:31	19:52	13	21	21
23.08	19:30	19:52	13	22	22
24.08	19:29	19:53	13	24	24
25.08	19:28	19:52	13	24	24
26.08	19:28	19:53	13	25	25
27.08	19:28	19:53	13	25	25
28.08	19:27	19:52	13	25	25
29.08	08:04	08:16	19	12	37
	19:27	19:52	13	25	
30.08	08:00	08:19	19	19	44
	19:26	19:51	13	25	
31.08	07:58	08:21	19	23	46
	19:27	19:50	13	23	
01.09	07:56	08:23	19	27	48
	19:28	19:49	13	21	
02.09	07:54	08:24	19	30	49
	19:28	19:47	13	19	
03.09	07:53	08:25	19	32	48
	19:30	19:46	13	16	
04.09	07:51	08:25	19	34	45
	19:31	19:42	13	11	
05.09	07:50	08:26	19	36	36
06.09	07:50	08:27	19	37	37
07.09	07:48	08:26	19	38	38
08.09	07:48	08:27	19	39	39
09.09	07:47	08:26	19	39	39
10.09	07:46	08:27	19	41	41
11.09	07:46	08:27	19	41	41
12.09	07:46	08:26	19	40	40
13.09	07:46	08:25	19	39	39
14.09	07:46	08:25	19	39	39
	07:46	08:24	19	38	
15.09	07:46	08:24	19	38	38
	07:46	08:23	19	37	
16.09	07:58	08:03	20	5	37
	07:47	08:22	19	35	
17.09	07:54	08:07	20	13	35
	07:47	08:20	19	33	
18.09	07:51	08:08	20	17	33
	07:48	08:19	19	31	
19.09	07:50	08:09	20	19	31
	07:49	08:18	19	29	
20.09	07:49	08:10	20	21	40
	18:29	18:40	12	11	
	07:48	08:09	20	21	
21.09	07:50	08:15	19	25	43
	18:26	18:42	12	16	
	07:47	08:10	20	23	
22.09	07:52	08:13	19	21	44
	18:25	18:43	12	18	
	07:47	08:10	20	23	
23.09	07:47	08:10	20	23	43
	07:56	08:09	19	13	
	18:23	18:43	12	20	
24.09	07:46	08:09	20	23	45
	18:22	18:44	12	22	
25.09	07:46	08:08	20	22	45
	18:21	18:44	12	23	



WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
26.09	07:47	08:08	20	21	44
	18:20	18:43	12	23	
27.09	07:47	08:06	20	19	42
	18:20	18:43	12	23	
28.09	07:48	08:05	20	17	40
	18:20	18:43	12	23	
29.09	07:50	08:03	20	13	43
	17:52	18:01	11	9	
	18:21	18:42	12	21	
30.09	07:52	08:00	20	8	45
	17:47	18:03	11	16	
	18:20	18:41	12	21	
01.10	17:45	18:05	11	20	38
	18:21	18:39	12	18	
02.10	17:43	18:06	11	23	38
	18:22	18:37	12	15	
03.10	17:42	18:07	11	25	35
	18:25	18:35	12	10	
04.10	17:40	18:07	11	27	27
05.10	17:40	18:07	11	27	27
06.10	17:39	18:08	11	29	29
07.10	17:39	18:08	11	29	29
08.10	17:38	18:08	11	30	30
09.10	17:37	18:07	11	30	30
10.10	17:37	18:07	11	30	30
11.10	17:38	18:06	11	28	28
12.10	17:38	18:05	11	27	27
13.10	17:39	18:05	11	26	26
14.10	17:40	18:03	11	23	23
15.10	17:40	18:01	11	21	21
16.10	17:42	17:59	11	17	17
17.10	16:54	17:02	10	8	20
	17:44	17:56	11	12	
18.10	16:50	17:06	10	16	16
19.10	16:48	17:08	10	20	20
20.10	16:46	17:10	10	24	24
21.10	16:44	17:11	10	27	27
22.10	16:43	17:12	10	29	29
23.10	16:42	17:13	10	31	31
24.10	16:42	17:13	10	31	31
25.10	15:41	16:14	10	33	33
26.10	15:40	16:14	10	34	34
27.10	15:40	16:14	10	34	34
28.10	15:40	16:14	10	34	34
29.10	15:40	16:14	10	34	34
30.10	15:40	16:14	10	34	34
31.10	15:40	16:14	10	34	34
01.11	15:41	16:13	10	32	32
02.11	15:41	16:13	10	32	32
	15:45	15:55	8	10	
03.11	15:42	16:12	10	30	30
	15:43	15:57	8	14	
04.11	15:42	15:59	8	17	29
	15:42	16:11	10	29	
05.11	15:41	16:00	8	19	30
	15:43	16:11	10	28	
06.11	15:18	15:29	9	11	41
	15:40	16:01	8	21	
	15:44	16:10	10	26	

WEA08					
Datum	Start	Ende	IO	Min IO	Min gesamt
07.11	15:15	15:31	9	16	45
	15:39	16:01	8	22	
	15:45	16:08	10	23	
08.11	15:14	15:33	9	19	47
	15:39	16:02	8	23	
	15:47	16:07	10	20	
09.11	15:12	15:34	9	22	48
	15:39	16:02	8	23	
	15:49	16:05	10	16	
10.11	15:12	15:35	9	23	47
	15:39	16:02	8	23	
	15:52	16:03	10	11	
11.11	15:11	15:36	9	25	48
	15:39	16:02	8	23	
12.11	15:10	15:37	9	27	50
	15:39	16:02	8	23	
13.11	15:10	15:38	9	28	51
	15:39	16:02	8	23	
14.11	15:02	15:06	7	4	54
	15:10	15:38	9	28	
	15:40	16:02	8	22	
15.11	14:58	15:10	7	12	62
	15:10	15:39	9	29	
	15:41	16:02	8	21	
16.11	14:57	15:13	7	16	63
	15:10	15:39	9	29	
	15:41	16:02	8	21	
17.11	14:55	15:14	7	19	63
	15:10	15:39	9	29	
	15:42	16:01	8	19	
18.11	14:55	15:16	7	21	62
	15:10	15:40	9	30	
	15:43	16:00	8	17	
19.11	14:54	15:17	7	23	59
	15:10	15:40	9	30	
	15:45	15:58	8	13	
20.11	14:53	15:18	7	25	58
	15:11	15:40	9	29	
	15:46	15:57	8	11	
21.11	14:53	15:19	7	26	54
	15:11	15:40	9	29	
	15:49	15:56	8	7	
22.11	14:53	15:20	7	27	46
	15:11	15:39	9	28	
23.11	14:52	15:19	7	27	48
	15:12	15:40	9	28	
24.11	14:52	15:20	7	28	48
	15:12	15:40	9	28	
25.11	14:52	15:21	7	29	48
	15:13	15:40	9	27	
26.11	14:53	15:22	7	29	47
	15:14	15:40	9	26	
27.11	14:53	15:22	7	29	47
	15:15	15:40	9	25	
28.11	14:53	15:22	7	29	46
	15:15	15:39	9	24	
29.11	14:43	14:51	6	8	54
	14:53	15:23	7	30	
	15:17	15:39	9	22	



WEA08						
Datum	Start	Ende	IO		Min IO	Min gesamt
30.11	14:42	14:54	6		12	57
	14:54	15:24	7		30	
	15:18	15:39	9		21	
01.12	14:40	14:55	6		15	58
	14:54	15:23	7		29	
	15:18	15:38	9		20	
02.12	14:40	14:56	6		16	58
	14:55	15:24	7		29	
	15:20	15:38	9		18	
03.12	14:39	14:57	6		18	58
	14:54	15:24	7		30	
	15:21	15:37	9		16	
04.12	14:39	14:58	6		19	58
	14:55	15:25	7		30	
	15:23	15:37	9		14	
05.12	14:39	14:59	6		20	57
	14:55	15:24	7		29	
	15:24	15:36	9		12	
06.12	14:39	15:00	6		21	56
	14:57	15:25	7		28	
	15:26	15:36	9		10	
07.12	14:39	15:01	6		22	52
	14:57	15:25	7		28	
	15:28	15:34	9		6	
08.12	14:38	15:01	6		23	47
	14:57	15:25	7		28	
09.12	14:39	15:03	6		24	47
	14:58	15:26	7		28	
10.12	14:39	15:03	6		24	47
	14:59	15:26	7		27	
11.12	14:39	15:04	6		25	47
	14:59	15:26	7		27	
12.12	14:40	15:04	6		24	46
	15:00	15:26	7		26	
13.12	14:40	15:05	6		25	47
	15:00	15:27	7		27	
14.12	14:40	15:05	6		25	47
	15:01	15:27	7		26	
15.12	14:41	15:06	6		25	46
	15:01	15:27	7		26	
16.12	14:41	15:07	6		26	47
	15:02	15:28	7		26	
17.12	14:42	15:07	6		25	46
	15:03	15:28	7		25	
18.12	14:42	15:08	6		26	47
	15:04	15:29	7		25	
19.12	14:42	15:08	6		26	47
	15:04	15:29	7		25	
20.12	14:43	15:09	6		26	47
	15:05	15:30	7		25	
21.12	14:43	15:09	6		26	46
	15:04	15:29	7		25	
22.12	14:44	15:10	6		26	46
	15:05	15:30	7		25	
23.12	14:44	15:10	6		26	47
	15:05	15:31	7		26	
24.12	14:45	15:11	6		26	47
	15:07	15:32	7		25	
25.12	14:45	15:11	6		26	47
	15:07	15:32	7		25	

WEA08						
Datum	Start	Ende	IO		Min IO	Min gesamt
26.12	14:46	15:11	6		25	46
	15:07	15:32	7		25	
27.12	14:46	15:11	6		25	47
	15:07	15:33	7		26	
28.12	14:46	15:12	6		26	47
	15:07	15:33	7		26	
29.12	14:47	15:12	6		25	47
	15:08	15:34	7		26	
30.12	14:48	15:13	6		25	46
	15:08	15:34	7		26	
31.12	14:48	15:13	6		25	47
	15:08	15:35	7		27	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	13:24	13:40	4	16	70
	13:39	14:34	5	55	
02.01	13:25	13:40	4	15	69
	13:39	14:34	5	55	
03.01	13:27	13:40	4	13	68
	13:40	14:35	5	55	
04.01	13:28	13:38	4	10	66
	13:39	14:35	5	56	
05.01	13:32	13:37	4	5	61
	13:40	14:36	5	56	
06.01	13:39	14:37	5	58	58
07.01	13:40	14:38	5	58	58
08.01	13:40	14:38	5	58	58
09.01	13:41	14:39	5	58	58
10.01	13:41	14:40	5	59	59
11.01	13:41	14:40	5	59	59
12.01	13:41	14:40	5	59	59
13.01	13:41	14:41	5	60	60
14.01	13:42	14:42	5	60	60
15.01	13:42	14:43	5	61	61
16.01	13:41	14:43	5	62	62
17.01	13:41	14:43	5	62	62
18.01	13:42	14:44	5	62	62
19.01	13:42	14:44	5	62	62
20.01	13:43	14:45	5	62	62
21.01	13:43	14:46	5	63	63
22.01	13:43	14:45	5	62	62
23.01	13:43	14:46	5	63	63
24.01	13:43	14:46	5	63	63
25.01	13:44	14:47	5	63	63
26.01	13:44	14:46	5	62	62
27.01	13:45	14:47	5	62	62
28.01	13:45	14:47	5	62	74
	16:09	16:21	6	12	
29.01	13:46	14:47	5	61	78
	16:07	16:24	6	17	
30.01	13:46	14:47	5	61	82
	16:05	16:26	6	21	
31.01	13:46	14:46	5	60	83
	16:04	16:27	6	23	
01.02	13:47	14:47	5	60	86
	16:03	16:29	6	26	
02.02	13:48	14:46	5	58	86
	16:02	16:30	6	28	
03.02	13:48	14:46	5	58	88
	16:01	16:31	6	30	
04.02	13:49	14:45	5	56	86
	16:01	16:31	6	30	
05.02	13:50	14:46	5	56	88
	16:01	16:33	6	32	
06.02	13:51	14:45	5	54	87
	16:00	16:33	6	33	
07.02	13:52	14:44	5	52	86
	16:00	16:34	6	34	
08.02	13:53	14:43	5	50	84
	16:00	16:34	6	34	
09.02	13:54	14:42	5	48	83
	15:59	16:34	6	35	
10.02	13:56	14:41	5	45	80
	15:59	16:34	6	35	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
11.02	13:57	14:40	5	43	78
	15:59	16:34	6	35	
12.02	13:59	14:38	5	39	73
	16:00	16:34	6	34	
13.02	14:01	14:36	5	35	69
	16:00	16:34	6	34	
14.02	14:04	14:34	5	30	66
	16:00	16:34	6	34	
	16:49	16:51	7	2	
15.02	14:07	14:31	5	24	71
	16:01	16:34	6	33	
	16:43	16:57	7	14	
16.02	14:12	14:27	5	15	66
	16:02	16:33	6	31	
	16:40	17:00	7	20	
17.02	16:03	16:32	6	29	53
	16:38	17:02	7	24	
18.02	16:03	16:31	6	28	54
	16:36	17:02	7	26	
19.02	16:04	16:29	6	25	54
	16:35	17:04	7	29	
20.02	16:06	16:28	6	22	53
	16:34	17:05	7	31	
21.02	16:08	16:26	6	18	51
	16:33	17:06	7	33	
22.02	16:11	16:23	6	12	47
	16:32	17:07	7	35	
23.02	16:32	17:07	7	35	35
24.02	16:31	17:07	7	36	36
25.02	16:30	17:07	7	37	46
	17:08	17:17	9	9	
26.02	16:30	17:07	7	37	59
	17:04	17:21	9	17	
	17:18	17:29	8	11	
27.02	16:31	17:08	7	37	61
	17:02	17:23	9	21	
	17:16	17:32	8	16	
28.02	16:30	17:07	7	37	63
	16:59	17:24	9	25	
	17:13	17:33	8	20	
29.02	16:30	17:07	7	37	64
	16:58	17:26	9	28	
	17:12	17:34	8	22	
01.03	16:31	17:06	7	35	64
	16:57	17:27	9	30	
	17:11	17:35	8	24	
02.03	16:30	17:05	7	35	65
	16:55	17:27	9	32	
	17:10	17:35	8	25	
03.03	16:31	17:04	7	33	64
	16:54	17:28	9	34	
	17:09	17:35	8	26	
04.03	16:32	17:04	7	32	64
	16:54	17:29	9	35	
	17:09	17:36	8	27	
05.03	16:32	17:02	7	30	63
	16:53	17:28	9	35	
	17:08	17:35	8	27	
06.03	16:34	17:01	7	27	61
	16:53	17:28	9	35	
	17:08	17:35	8	27	



WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
07.03	16:36	16:59	7	23	59
	16:53	17:29	9	36	
	17:09	17:35	8	26	
08.03	16:37	16:56	7	19	56
	16:52	17:28	9	36	
	17:09	17:33	8	24	
09.03	16:41	16:53	7	12	52
	16:52	17:28	9	36	
	17:09	17:33	8	24	
10.03	16:53	17:27	9	34	39
	17:11	17:32	8	21	
11.03	16:52	17:26	9	34	37
	17:11	17:29	8	18	
12.03	16:53	17:26	9	33	35
	17:13	17:28	8	15	
13.03	16:54	17:25	9	31	31
	17:17	17:24	8	7	
14.03	16:54	17:23	9	29	29
15.03	16:56	17:22	9	26	26
16.03	16:56	17:19	9	23	23
17.03	16:59	17:17	9	18	18
18.03	17:02	17:14	9	12	12
22.03	17:51	18:04	10	13	13
23.03	17:48	18:07	10	19	19
24.03	17:45	18:09	10	24	24
25.03	17:43	18:10	10	27	27
26.03	17:41	18:12	10	31	31
27.03	17:39	18:12	10	33	33
28.03	17:39	18:13	10	34	34
29.03	18:37	19:13	10	36	36
30.03	18:36	19:14	10	38	38
31.03	18:36	19:14	10	38	38
01.04	18:35	19:13	10	38	38
02.04	18:35	19:14	10	39	39
03.04	18:35	19:14	10	39	39
04.04	18:34	19:13	10	39	39
05.04	18:34	19:12	10	38	38
06.04	18:34	19:12	10	38	47
	19:28	19:37	11	9	
07.04	18:34	19:11	10	37	53
	19:24	19:40	11	16	
08.04	18:34	19:10	10	36	56
	19:22	19:42	11	20	
09.04	18:35	19:09	10	34	57
	19:20	19:43	11	23	
10.04	18:36	19:09	10	33	63
	19:19	19:44	11	25	
	19:45	19:50	12	5	
11.04	18:36	19:06	10	30	64
	19:17	19:44	11	27	
	19:40	19:51	12	11	
12.04	18:38	19:05	10	27	64
	19:16	19:45	11	29	
	19:38	19:53	12	15	
13.04	18:39	19:03	10	24	63
	19:16	19:45	11	29	
	19:37	19:55	12	18	
14.04	06:58	07:07	20	9	71
	18:41	19:01	10	20	
	19:15	19:46	11	31	
	19:36	19:57	12	21	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
15.04	06:56	07:09	20	13	69
	18:44	18:58	10	14	
	19:15	19:46	11	31	
16.04	06:54	07:11	20	17	60
	19:14	19:45	11	31	
	19:34	19:57	12	23	
17.04	06:51	07:11	20	20	63
	19:14	19:45	11	31	
	19:34	19:57	12	23	
18.04	06:50	07:11	20	21	64
	19:14	19:44	11	30	
	19:34	19:57	12	23	
19.04	06:50	07:12	20	22	64
	19:14	19:44	11	30	
	19:34	19:56	12	22	
20.04	06:49	07:12	20	23	64
	19:15	19:43	11	28	
	19:34	19:56	12	22	
21.04	06:49	07:12	20	23	63
	19:15	19:43	11	28	
	19:34	19:55	12	21	
22.04	06:49	07:12	20	23	62
	19:16	19:42	11	26	
	19:35	19:55	12	20	
23.04	06:49	07:12	20	23	59
	19:17	19:40	11	23	
	19:36	19:53	12	17	
24.04	06:49	07:11	20	22	56
	19:18	19:39	11	21	
	19:37	19:52	12	15	
25.04	06:49	07:10	20	21	49
	19:20	19:37	11	17	
	19:39	19:50	12	11	
26.04	06:50	07:09	20	19	34
	19:22	19:35	11	13	
	19:43	19:45	12	2	
27.04	06:50	07:08	20	18	22
	19:26	19:30	11	4	
28.04	06:51	07:07	20	16	16
29.04	06:53	07:05	20	12	12
30.04	06:56	07:01	20	5	5
13.05	20:37	20:44	13	7	7
14.05	20:34	20:45	13	11	11
15.05	20:33	20:47	13	14	14
16.05	20:32	20:47	13	15	15
17.05	20:31	20:49	13	18	18
18.05	20:31	20:51	13	20	20
19.05	06:11	06:14	19	3	24
	20:30	20:51	13	21	
20.05	06:06	06:19	19	13	35
	20:30	20:52	13	22	
21.05	06:04	06:21	19	17	40
	20:30	20:53	13	23	
22.05	06:03	06:23	19	20	43
	20:30	20:53	13	23	
23.05	06:02	06:25	19	23	46
	20:29	20:52	13	23	
24.05	06:00	06:25	19	25	49
	20:29	20:53	13	24	



WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
25.05	05:59	06:26	19	27	51
	20:29	20:53	13	24	
26.05	05:59	06:27	19	28	52
	20:29	20:53	13	24	
27.05	05:58	06:28	19	30	53
	20:30	20:53	13	23	
28.05	05:58	06:29	19	31	54
	20:30	20:53	13	23	
29.05	05:58	06:30	19	32	55
	20:30	20:53	13	23	
30.05	05:58	06:31	19	33	56
	20:31	20:54	13	23	
31.05	05:57	06:31	19	34	57
	20:31	20:54	13	23	
01.06	05:57	06:31	19	34	55
	20:32	20:53	13	21	
02.06	05:56	06:31	19	35	56
	20:32	20:53	13	21	
03.06	05:57	06:33	19	36	56
	20:33	20:53	13	20	
04.06	05:56	06:33	19	37	57
	20:33	20:53	13	20	
05.06	05:56	06:33	19	37	56
	20:33	20:52	13	19	
06.06	05:56	06:34	19	38	57
	20:34	20:53	13	19	
07.06	05:56	06:33	19	37	55
	20:34	20:52	13	18	
08.06	05:56	06:34	19	38	55
	20:35	20:52	13	17	
09.06	05:57	06:35	19	38	55
	20:35	20:52	13	17	
10.06	05:56	06:35	19	39	55
	20:36	20:52	13	16	
11.06	05:57	06:35	19	38	53
	20:37	20:52	13	15	
12.06	05:57	06:36	19	39	53
	20:38	20:52	13	14	
13.06	05:57	06:36	19	39	53
	20:37	20:51	13	14	
14.06	05:57	06:36	19	39	52
	20:38	20:51	13	13	
15.06	05:57	06:36	19	39	51
	20:39	20:51	13	12	
16.06	05:57	06:36	19	39	51
	20:39	20:51	13	12	
17.06	05:57	06:36	19	39	50
	20:40	20:51	13	11	
18.06	05:57	06:37	19	40	51
	20:40	20:51	13	11	
19.06	05:58	06:37	19	39	49
	20:41	20:51	13	10	
20.06	05:58	06:37	19	39	49
	20:41	20:51	13	10	
21.06	05:59	06:38	19	39	49
	20:42	20:52	13	10	
22.06	05:59	06:38	19	39	49
	20:42	20:52	13	10	
23.06	05:59	06:38	19	39	49
	20:42	20:52	13	10	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
24.06	06:00	06:39	19	39	50
	20:41	20:52	13	11	
25.06	05:59	06:39	19	40	51
	20:42	20:53	13	11	
26.06	05:59	06:38	19	39	50
	20:42	20:53	13	11	
27.06	06:00	06:39	19	39	51
	20:42	20:54	13	12	
28.06	06:00	06:39	19	39	52
	20:41	20:54	13	13	
29.06	06:00	06:39	19	39	52
	20:42	20:55	13	13	
30.06	06:00	06:39	19	39	53
	20:41	20:55	13	14	
01.07	06:01	06:39	19	38	53
	20:41	20:56	13	15	
02.07	06:01	06:40	19	39	55
	20:41	20:57	13	16	
03.07	06:01	06:39	19	38	55
	20:40	20:57	13	17	
04.07	06:02	06:39	19	37	53
	20:41	20:57	13	16	
05.07	06:02	06:40	19	38	55
	20:41	20:58	13	17	
06.07	06:03	06:40	19	37	55
	20:41	20:59	13	18	
07.07	06:03	06:40	19	37	57
	20:40	21:00	13	20	
08.07	06:04	06:40	19	36	56
	20:39	20:59	13	20	
09.07	06:04	06:40	19	36	57
	20:39	21:00	13	21	
10.07	06:04	06:40	19	36	57
	20:39	21:00	13	21	
11.07	06:05	06:40	19	35	57
	20:39	21:01	13	22	
12.07	06:05	06:40	19	35	57
	20:39	21:01	13	22	
13.07	06:06	06:39	19	33	55
	20:39	21:01	13	22	
14.07	06:06	06:39	19	33	55
	20:40	21:02	13	22	
15.07	06:07	06:38	19	31	55
	20:39	21:03	13	24	
16.07	06:07	06:38	19	31	55
	20:39	21:03	13	24	
17.07	06:08	06:37	19	29	53
	20:39	21:03	13	24	
18.07	06:09	06:36	19	27	51
	20:39	21:03	13	24	
19.07	06:10	06:36	19	26	49
	20:39	21:02	13	23	
20.07	06:11	06:35	19	24	47
	20:40	21:03	13	23	
21.07	06:12	06:34	19	22	46
	20:39	21:03	13	24	
22.07	06:13	06:32	19	19	42
	20:39	21:02	13	23	
23.07	06:16	06:31	19	15	38
	20:40	21:03	13	23	



WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
24.07	06:18	06:28	19	10	32
	20:40	21:02	13	22	
25.07	20:41	21:01	13	20	20
26.07	20:42	21:01	13	19	19
27.07	20:42	20:59	13	17	17
28.07	20:42	20:57	13	15	15
29.07	20:44	20:56	13	12	12
30.07	20:45	20:54	13	9	9
31.07	20:48	20:53	13	5	5
13.08	07:03	07:11	20	8	8
14.08	07:00	07:13	20	13	13
15.08	06:59	07:15	20	16	16
16.08	06:57	07:15	20	18	25
	19:31	19:38	11	7	
17.08	06:56	07:16	20	20	40
	19:28	19:42	11	14	
	19:48	19:54	12	6	
18.08	06:55	07:16	20	21	51
	19:25	19:43	11	18	
	19:44	19:56	12	12	
19.08	06:54	07:17	20	23	58
	19:23	19:45	11	22	
	19:42	19:58	12	16	
20.08	06:54	07:17	20	23	60
	19:21	19:45	11	24	
	19:40	19:58	12	18	
21.08	06:53	07:17	20	24	63
	19:20	19:46	11	26	
	19:39	19:59	12	20	
22.08	06:54	07:17	20	23	63
	19:20	19:47	11	27	
	19:39	20:00	12	21	
23.08	06:53	07:16	20	23	65
	19:18	19:47	11	29	
	19:38	20:00	12	22	
24.08	06:53	07:15	20	22	64
	19:18	19:48	11	30	
	19:37	20:00	12	23	
25.08	06:54	07:15	20	21	63
	19:17	19:47	11	30	
	19:36	19:59	12	23	
26.08	06:54	07:13	20	19	62
	19:17	19:47	11	30	
	19:36	20:00	12	24	
27.08	06:56	07:12	20	16	58
	19:17	19:48	11	31	
	19:37	19:59	12	22	
28.08	06:57	07:10	20	13	69
	18:45	18:59	10	14	
	19:16	19:47	11	31	
	19:36	19:58	12	22	
29.08	06:59	07:07	20	8	70
	18:42	19:02	10	20	
	19:16	19:46	11	30	
	19:37	19:58	12	21	
30.08	18:39	19:03	10	24	63
	19:16	19:45	11	29	
	19:37	19:55	12	18	
31.08	18:37	19:05	10	28	65
	19:16	19:45	11	29	
	19:38	19:53	12	15	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.09	18:36	19:06	10	30	63
	19:17	19:44	11	27	
	19:39	19:50	12	11	
02.09	18:34	19:07	10	33	63
	19:17	19:42	11	25	
	19:43	19:48	12	5	
03.09	18:33	19:07	10	34	57
	19:18	19:41	11	23	
04.09	18:31	19:07	10	36	56
	19:19	19:39	11	20	
05.09	18:31	19:08	10	37	53
	19:21	19:37	11	16	
06.09	18:30	19:08	10	38	47
	19:24	19:33	11	9	
07.09	18:29	19:08	10	39	39
08.09	18:29	19:08	10	39	39
09.09	18:28	19:07	10	39	39
10.09	18:28	19:07	10	39	39
11.09	18:28	19:07	10	39	39
12.09	18:27	19:05	10	38	38
13.09	18:28	19:05	10	37	37
14.09	18:28	19:04	10	36	36
15.09	18:28	19:03	10	35	35
16.09	18:29	19:02	10	33	33
17.09	18:29	19:00	10	31	31
18.09	18:30	18:58	10	28	28
19.09	18:32	18:57	10	25	25
20.09	18:33	18:53	10	20	20
21.09	18:36	18:50	10	14	14
25.09	17:47	17:55	9	8	8
26.09	17:43	17:59	9	16	16
27.09	17:39	18:00	9	21	21
28.09	17:37	18:02	9	25	25
29.09	17:35	18:03	9	28	28
30.09	17:33	18:03	9	30	30
01.10	17:32	18:04	9	32	33
	17:53	18:05	8	12	
02.10	17:31	18:05	9	34	37
	17:51	18:08	8	17	
03.10	17:31	18:05	9	34	38
	17:49	18:09	8	20	
	17:21	17:27	7	6	
04.10	17:29	18:05	9	36	46
	17:47	18:09	8	22	
	17:16	17:32	7	16	
05.10	17:29	18:05	9	36	54
	17:46	18:10	8	24	
	17:13	17:34	7	21	
06.10	17:29	18:05	9	36	57
	17:45	18:10	8	25	
	17:11	17:36	7	25	
07.10	17:29	18:05	9	36	60
	17:45	18:11	8	26	
	17:09	17:37	7	28	
08.10	17:29	18:04	9	35	62
	17:44	18:11	8	27	
	17:07	17:37	7	30	
09.10	17:28	18:03	9	35	63
	17:43	18:10	8	27	



WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
10.10	17:06	17:38	7	32	64
	17:28	18:02	9	34	
	17:43	18:10	8	27	
11.10	17:05	17:39	7	34	64
	17:29	18:02	9	33	
	17:43	18:09	8	26	
12.10	17:04	17:39	7	35	64
	17:29	18:01	9	32	
	17:44	18:08	8	24	
13.10	17:04	17:40	7	36	64
	17:30	18:00	9	30	
	17:45	18:08	8	23	
14.10	17:03	17:40	7	37	64
	17:31	17:58	9	27	
	17:45	18:07	8	22	
15.10	17:02	17:39	7	37	62
	17:32	17:56	9	24	
	17:46	18:04	8	18	
16.10	17:02	17:39	7	37	60
	17:34	17:54	9	20	
	17:48	18:02	8	14	
17.10	17:02	17:39	7	37	57
	17:36	17:51	9	15	
	17:51	17:59	8	8	
18.10	17:02	17:38	7	36	39
	17:42	17:45	9	3	
19.10	17:02	17:38	7	36	36
	16:46	16:50	6	4	
20.10	17:02	17:37	7	35	39
	16:40	16:55	6	15	
	17:03	17:37	7	34	
21.10	16:38	16:57	6	19	52
	17:03	17:36	7	33	
	16:36	16:59	6	23	
22.10	17:04	17:35	7	31	54
	16:34	17:00	6	26	
	17:05	17:34	7	29	
23.10	15:33	16:01	6	28	55
	16:06	16:33	7	27	
	15:32	16:02	6	30	
24.10	16:08	16:31	7	23	53
	13:40	13:57	5	17	
	15:31	16:03	6	32	
25.10	16:10	16:29	7	19	68
	13:36	14:01	5	25	
	15:30	16:03	6	33	
26.10	16:13	16:26	7	13	71
	13:33	14:04	5	31	
	15:30	16:04	6	34	
27.10	13:30	14:06	5	36	71
	15:29	16:04	6	35	
	13:28	14:08	5	40	
28.10	15:29	16:04	6	35	75
	13:27	14:10	5	43	
	15:29	16:04	6	35	
01.11	13:25	14:11	5	46	78
	15:29	16:04	6	35	
	13:24	14:12	5	48	
02.11	15:29	16:04	6	35	81
	13:24	14:12	5	48	
03.11	15:29	16:04	6	35	83
	13:24	14:12	5	48	

WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
04.11	13:23	14:13	5	50	85
	15:29	16:04	6	35	
05.11	13:22	14:14	5	52	86
	15:30	16:04	6	34	
06.11	13:21	14:15	5	54	87
	15:30	16:03	6	33	
	13:20	14:16	5	56	
07.11	15:31	16:03	6	32	88
	13:19	14:16	5	57	
08.11	15:31	16:02	6	31	88
	13:19	14:17	5	58	
09.11	15:32	16:01	6	29	87
	13:18	14:17	5	59	
10.11	15:33	16:01	6	28	87
	13:18	14:18	5	60	
11.11	15:34	16:00	6	26	86
	13:18	14:18	5	60	
12.11	15:36	15:59	6	23	83
	13:18	14:18	5	60	
13.11	15:37	15:58	6	21	82
	13:18	14:19	5	61	
14.11	15:39	15:56	6	17	78
	13:18	14:19	5	61	
15.11	15:42	15:54	6	12	74
	13:17	14:19	5	62	
16.11	13:18	14:20	5	62	62
	15:42	15:54	6	12	
17.11	13:18	14:20	5	62	62
	13:18	14:20	5	62	
18.11	13:18	14:20	5	62	62
	13:18	14:21	5	63	
19.11	13:18	14:21	5	63	63
	13:18	14:21	5	63	
20.11	13:19	14:21	5	62	62
	13:19	14:22	5	63	
21.11	13:19	14:21	5	62	62
	13:19	14:22	5	63	
22.11	13:19	14:21	5	62	62
	13:19	14:21	5	62	
23.11	13:20	14:22	5	62	62
	13:20	14:22	5	62	
24.11	13:21	14:23	5	62	62
	13:21	14:22	5	61	
25.11	13:22	14:23	5	61	61
	13:22	14:23	5	61	
26.11	13:23	14:23	5	60	60
	13:23	14:23	5	60	
27.11	13:24	14:23	5	59	59
	13:24	14:23	5	59	
28.11	13:25	14:23	5	58	58
	13:25	14:23	5	58	
29.11	13:26	14:24	5	58	58
	13:26	14:24	5	58	
30.11	13:27	14:24	5	57	57
	13:27	14:24	5	57	
01.12	13:19	13:23	4	4	61
	13:27	14:24	5	57	
02.12	13:18	13:27	4	9	66
	13:28	14:25	5	57	
03.12	13:16	13:29	4	13	69
	13:29	14:25	5	56	
04.12	13:15	13:30	4	15	70
	13:29	14:25	5	56	
05.12	13:15	13:31	4	16	70
	13:30	14:25	5	55	
06.12	13:15	13:33	4	18	70
	13:30	14:25	5	55	
07.12	13:14	13:34	4	20	71
	13:31	14:25	5	54	





WEA09					
Datum	Start	Ende	IO	Min IO	Min gesamt
15.12	13:15	13:35	4	20	71
	13:31	14:26	5	55	
16.12	13:15	13:35	4	20	71
	13:32	14:26	5	54	
17.12	13:15	13:36	4	21	72
	13:33	14:27	5	54	
18.12	13:16	13:37	4	21	71
	13:34	14:27	5	53	
19.12	13:15	13:37	4	22	72
	13:34	14:27	5	53	
20.12	13:16	13:38	4	22	72
	13:35	14:28	5	53	
21.12	13:16	13:38	4	22	72
	13:34	14:28	5	54	
22.12	13:17	13:39	4	22	72
	13:35	14:29	5	54	
23.12	13:17	13:39	4	22	72
	13:36	14:29	5	53	
24.12	13:18	13:40	4	22	72
	13:37	14:30	5	53	
25.12	13:18	13:40	4	22	72
	13:37	14:30	5	53	
26.12	13:19	13:40	4	21	72
	13:37	14:31	5	54	
27.12	13:19	13:40	4	21	72
	13:37	14:31	5	54	
28.12	13:20	13:41	4	21	71
	13:37	14:31	5	54	
29.12	13:21	13:41	4	20	71
	13:38	14:32	5	54	
30.12	13:22	13:41	4	19	71
	13:38	14:33	5	55	
31.12	13:23	13:40	4	17	70
	13:38	14:33	5	55	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	11:28	12:15	5	47	111
	14:17	14:56	6	39	
	14:50	15:21	7	31	
02.01	11:29	12:15	5	46	111
	14:17	14:57	6	40	
	14:50	15:22	7	32	
03.01	11:30	12:16	5	46	111
	14:18	14:57	6	39	
	14:50	15:23	7	33	
04.01	11:30	12:15	5	45	110
	14:18	14:57	6	39	
	14:50	15:23	7	33	
05.01	11:31	12:16	5	45	110
	14:19	14:58	6	39	
	14:50	15:24	7	34	
06.01	11:31	12:15	5	44	110
	14:19	14:57	6	38	
	14:50	15:25	7	35	
07.01	11:32	12:16	5	44	110
	14:20	14:58	6	38	
	14:50	15:26	7	36	
08.01	11:32	12:16	5	44	110
	14:20	14:58	6	38	
	14:50	15:26	7	36	
09.01	11:34	12:16	5	42	109
	14:21	14:59	6	38	
	14:50	15:28	7	38	
10.01	11:34	12:16	5	42	108
	14:22	14:59	6	37	
	14:50	15:28	7	38	
11.01	11:35	12:16	5	41	108
	14:22	14:59	6	37	
	14:50	15:29	7	39	
12.01	11:36	12:15	5	39	106
	14:22	14:59	6	37	
	14:50	15:29	7	39	
13.01	11:37	12:15	5	38	105
	14:23	14:59	6	36	
	14:50	15:30	7	40	
14.01	11:39	12:16	5	37	103
	14:25	15:00	6	35	
	14:50	15:31	7	41	
15.01	11:40	12:15	5	35	100
	14:26	15:00	6	34	
	14:50	15:31	7	41	
16.01	11:40	12:14	5	34	101
	14:25	14:59	6	34	
	14:50	15:32	7	42	
17.01	11:41	12:13	5	32	106
	14:26	14:59	6	33	
	14:50	15:33	7	43	
	15:38	15:45	9	7	
18.01	11:43	12:12	5	29	108
	14:28	14:59	6	31	
	14:50	15:33	7	43	
	15:35	15:49	9	14	
19.01	11:45	12:12	5	27	110
	14:29	14:58	6	29	
	14:50	15:34	7	44	
	15:33	15:52	9	19	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.01	11:47	12:10	5	23	107
	14:30	14:58	6	28	
	14:51	15:35	7	44	
	15:32	15:54	9	22	
21.01	11:50	12:09	5	19	102
	14:32	14:58	6	26	
	14:51	15:36	7	45	
	15:30	15:55	9	25	
22.01	11:52	12:05	5	13	97
	14:33	14:56	6	23	
	14:51	15:35	7	44	
	15:29	15:57	9	28	
23.01	14:35	14:55	6	20	84
	14:51	15:36	7	45	
	15:29	15:59	9	30	
	14:37	14:53	6	16	
24.01	14:37	14:53	6	16	83
	14:51	15:36	7	45	
	15:28	16:00	9	32	
	14:40	14:51	6	11	
25.01	14:40	14:51	6	11	80
	14:52	15:37	7	45	
	15:27	16:01	9	34	
	14:52	15:36	7	44	
26.01	14:52	15:36	7	44	70
	15:26	16:02	9	36	
	14:52	15:37	7	45	
27.01	14:52	15:37	7	45	71
	15:26	16:03	9	37	
	14:52	15:37	7	45	
28.01	14:52	15:37	7	45	72
	15:25	16:04	9	39	
	14:53	15:37	7	44	
29.01	14:53	15:37	7	44	72
	15:25	16:05	9	40	
	14:54	15:37	7	43	
30.01	14:54	15:37	7	43	72
	15:25	16:06	9	41	
	14:54	15:36	7	42	
31.01	14:54	15:36	7	42	81
	15:24	16:06	9	42	
	16:20	16:29	8	9	
	14:55	15:37	7	42	
01.02	14:55	15:37	7	42	88
	15:25	16:08	9	43	
	16:18	16:33	8	15	
02.02	14:56	15:36	7	40	91
	15:24	16:08	9	44	
	16:16	16:35	8	19	
03.02	14:56	15:36	7	40	94
	15:24	16:08	9	44	
	16:14	16:36	8	22	
04.02	14:57	15:35	7	38	95
	15:23	16:08	9	45	
	16:13	16:37	8	24	
05.02	14:59	15:35	7	36	96
	15:24	16:09	9	45	
	16:13	16:39	8	26	
06.02	15:00	15:34	7	34	97
	15:24	16:09	9	45	
	16:12	16:40	8	28	
07.02	15:01	15:33	7	32	98
	15:24	16:09	9	45	
	16:11	16:41	8	30	
08.02	15:03	15:31	7	28	96
	15:24	16:09	9	45	
	16:11	16:41	8	30	
09.02	15:05	15:30	7	25	96
	15:24	16:09	9	45	
	16:10	16:42	8	32	



WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
10.02	15:07	15:27	7	20	94
	15:25	16:09	9	44	
	16:10	16:42	8	32	
11.02	15:10	15:24	7	14	90
	15:25	16:09	9	44	
	16:10	16:42	8	32	
12.02	15:25	16:09	9	44	76
	16:10	16:42	8	32	
13.02	15:26	16:08	9	42	74
	16:10	16:42	8	32	
14.02	15:27	16:08	9	41	73
	16:10	16:42	8	32	
15.02	15:27	16:07	9	40	71
	16:11	16:42	8	31	
16.02	15:28	16:06	9	38	69
	16:11	16:42	8	31	
17.02	15:30	16:06	9	36	65
	16:12	16:41	8	29	
18.02	15:30	16:03	9	33	61
	16:12	16:40	8	28	
19.02	15:32	16:02	9	30	56
	16:13	16:39	8	26	
20.02	15:34	16:01	9	27	51
	16:14	16:38	8	24	
21.02	15:36	15:58	9	22	54
	16:16	16:37	8	21	
	16:35	16:48	10	13	
22.02	15:39	15:55	9	16	51
	16:18	16:35	8	17	
	16:30	16:53	10	23	
23.02	16:21	16:32	8	11	35
	16:27	16:56	10	29	
24.02	16:24	16:57	10	33	33
25.02	16:22	16:59	10	37	37
26.02	16:21	17:01	10	40	40
27.02	16:20	17:02	10	42	42
28.02	16:18	17:03	10	45	45
29.02	16:17	17:04	10	47	47
01.03	16:16	17:05	10	49	49
02.03	16:14	17:05	10	51	51
03.03	16:14	17:06	10	52	52
04.03	16:13	17:06	10	53	53
05.03	16:12	17:06	10	54	54
06.03	16:12	17:07	10	55	55
07.03	16:11	17:07	10	56	56
08.03	16:10	17:06	10	56	56
09.03	16:10	17:07	10	57	57
10.03	16:11	17:07	10	56	56
11.03	16:10	17:06	10	56	56
12.03	16:10	17:06	10	56	56
13.03	16:11	17:06	10	55	55
14.03	16:10	17:04	10	54	54
15.03	16:11	17:04	10	53	53
16.03	16:11	17:03	10	52	52
17.03	16:11	17:02	10	51	51
18.03	16:12	17:02	10	50	50
19.03	16:13	17:00	10	47	47
20.03	16:14	16:59	10	45	45
21.03	16:14	16:57	10	43	58
	17:43	17:58	11	15	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
22.03	16:16	16:56	10	40	62
	17:39	18:01	11	22	
	16:18	16:54	10	36	
23.03	17:37	18:04	11	27	63
	16:19	16:51	10	32	
24.03	17:34	18:05	11	31	63
	16:22	16:49	10	27	
25.03	17:33	18:06	11	33	60
	16:26	16:46	10	20	
26.03	17:32	18:07	11	35	55
	16:31	16:39	10	8	
27.03	17:30	18:07	11	37	45
	17:29	18:08	11	39	
28.03	18:27	19:08	11	41	41
30.03	18:27	19:09	11	42	42
31.03	18:27	19:09	11	42	49
	19:20	19:27	12	7	
01.04	18:25	19:08	11	43	58
	19:15	19:30	12	15	
02.04	18:25	19:09	11	44	63
	19:13	19:32	12	19	
03.04	18:25	19:09	11	44	67
	19:11	19:34	12	23	
04.04	18:24	19:08	11	44	69
	19:09	19:34	12	25	
05.04	18:25	19:08	11	43	70
	19:08	19:35	12	27	
06.04	18:25	19:07	11	42	71
	19:07	19:36	12	29	
07.04	18:24	19:06	11	42	71
	19:06	19:35	12	29	
08.04	18:25	19:05	11	40	69
	19:06	19:35	12	29	
09.04	18:26	19:05	11	39	68
	19:06	19:35	12	29	
10.04	18:27	19:04	11	37	66
	19:06	19:35	12	29	
11.04	18:27	19:02	11	35	64
	19:05	19:34	12	29	
12.04	18:28	19:01	11	33	62
	19:05	19:34	12	29	
13.04	18:29	19:00	11	31	59
	19:05	19:33	12	28	
14.04	07:03	07:14	19	11	65
	18:31	18:58	11	27	
	19:06	19:33	12	27	
15.04	07:00	07:17	19	17	65
	18:33	18:56	11	23	
	19:07	19:32	12	25	
16.04	06:58	07:18	19	20	62
	18:34	18:53	11	19	
	19:07	19:30	12	23	
17.04	06:56	07:19	19	23	54
	18:38	18:49	11	11	
	19:08	19:28	12	20	
18.04	06:55	07:20	19	25	42
	19:10	19:27	12	17	
19.04	06:54	07:20	19	26	38
	19:12	19:24	12	12	



WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
20.04	06:53	07:21	19	28	28
21.04	06:52	07:21	19	29	29
22.04	06:52	07:21	19	29	29
23.04	06:52	07:21	19	29	29
24.04	06:51	07:21	19	30	30
25.04	06:51	07:21	19	30	30
26.04	06:51	07:20	19	29	29
27.04	06:51	07:20	19	29	29
28.04	06:52	07:19	19	27	27
29.04	06:52	07:18	19	26	26
30.04	06:53	07:17	19	24	24
01.05	06:53	07:16	19	23	23
02.05	06:54	07:15	19	21	21
03.05	06:55	07:13	19	18	18
04.05	06:58	07:12	19	14	14
05.05	07:00	07:08	19	8	8
08.05	06:14	06:18	18	4	4
09.05	06:10	06:21	18	11	11
10.05	06:09	06:24	18	15	15
11.05	06:07	06:25	18	18	18
12.05	06:05	06:25	18	20	27
	20:28	20:35	13	7	
13.05	06:05	06:27	18	22	34
	20:26	20:38	13	12	
14.05	06:04	06:27	18	23	40
	20:23	20:40	13	17	
15.05	06:04	06:28	18	24	44
	20:22	20:42	13	20	
16.05	06:04	06:29	18	25	47
	20:20	20:42	13	22	
17.05	06:03	06:28	18	25	49
	20:20	20:44	13	24	
18.05	06:03	06:29	18	26	51
	20:20	20:45	13	25	
19.05	06:02	06:29	18	27	54
	20:18	20:45	13	27	
20.05	06:03	06:29	18	26	54
	20:18	20:46	13	28	
21.05	06:03	06:29	18	26	55
	20:18	20:47	13	29	
22.05	06:03	06:30	18	27	56
	20:18	20:47	13	29	
23.05	06:03	06:30	18	27	57
	20:17	20:47	13	30	
24.05	06:04	06:30	18	26	56
	20:17	20:47	13	30	
25.05	06:03	06:29	18	26	57
	20:17	20:48	13	31	
26.05	06:03	06:29	18	26	57
	20:17	20:48	13	31	
27.05	06:04	06:28	18	24	55
	20:17	20:48	13	31	
28.05	06:04	06:28	18	24	55
	20:17	20:48	13	31	
29.05	06:06	06:29	18	23	54
	20:17	20:48	13	31	
30.05	06:06	06:29	18	23	54
	20:18	20:49	13	31	
31.05	06:06	06:28	18	22	53
	20:18	20:49	13	31	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.06	06:07	06:28	18	21	52
	20:18	20:49	13	31	
02.06	06:07	06:27	18	20	52
	20:17	20:49	13	32	
03.06	06:08	06:27	18	19	51
	20:18	20:50	13	32	
04.06	06:09	06:27	18	18	50
	20:18	20:50	13	32	
05.06	06:10	06:27	18	17	48
	20:18	20:49	13	31	
06.06	06:10	06:26	18	16	47
	20:19	20:50	13	31	
07.06	06:11	06:25	18	14	44
	20:19	20:49	13	30	
08.06	06:12	06:25	18	13	43
	20:20	20:50	13	30	
09.06	06:13	06:25	18	12	42
	20:19	20:49	13	30	
10.06	06:13	06:23	18	10	40
	20:20	20:50	13	30	
11.06	06:15	06:23	18	8	37
	20:21	20:50	13	29	
12.06	06:16	06:23	18	7	37
	20:21	20:51	13	30	
13.06	06:18	06:22	18	4	33
	20:21	20:50	13	29	
14.06	20:21	20:50	13	29	29
15.06	20:21	20:50	13	29	29
16.06	20:22	20:51	13	29	29
17.06	20:22	20:51	13	29	29
18.06	20:22	20:51	13	29	29
19.06	20:23	20:51	13	28	28
20.06	20:23	20:51	13	28	28
21.06	20:24	20:52	13	28	28
22.06	20:24	20:52	13	28	28
23.06	20:24	20:52	13	28	28
24.06	20:23	20:52	13	29	29
25.06	20:24	20:53	13	29	29
26.06	20:24	20:53	13	29	29
27.06	20:25	20:53	13	28	28
28.06	20:24	20:53	13	29	29
29.06	06:22	06:24	18	2	31
	20:25	20:54	13	29	
30.06	06:20	06:25	18	5	35
	20:24	20:54	13	30	
01.07	06:19	06:27	18	8	37
	20:25	20:54	13	29	
02.07	06:19	06:28	18	9	39
	20:25	20:55	13	30	
03.07	06:18	06:29	18	11	42
	20:24	20:55	13	31	
04.07	06:17	06:30	18	13	43
	20:25	20:55	13	30	
05.07	06:17	06:31	18	14	45
	20:25	20:56	13	31	
06.07	06:17	06:32	18	15	46
	20:25	20:56	13	31	
07.07	06:16	06:33	18	17	48
	20:25	20:56	13	31	



WEA10						
Datum	Start	Ende	IO		Min IO	Min gesamt
08.07	06:16	06:34	18		18	49
	20:25	20:56	13		31	
09.07	06:16	06:34	18		18	49
	20:25	20:56	13		31	
10.07	06:16	06:35	18		19	50
	20:25	20:56	13		31	
11.07	06:15	06:36	18		21	53
	20:25	20:57	13		32	
12.07	06:15	06:36	18		21	53
	20:25	20:57	13		32	
13.07	06:15	06:37	18		22	54
	20:25	20:57	13		32	
14.07	06:14	06:37	18		23	55
	20:26	20:58	13		32	
15.07	06:14	06:38	18		24	56
	20:26	20:58	13		32	
16.07	06:13	06:38	18		25	57
	20:26	20:58	13		32	
17.07	06:13	06:38	18		25	56
	20:26	20:57	13		31	
18.07	06:13	06:38	18		25	56
	20:26	20:57	13		31	
19.07	06:13	06:39	18		26	57
	20:26	20:57	13		31	
20.07	06:13	06:39	18		26	56
	20:27	20:57	13		30	
21.07	06:13	06:39	18		26	56
	20:27	20:57	13		30	
22.07	06:12	06:39	18		27	56
	20:27	20:56	13		29	
23.07	06:13	06:40	18		27	56
	20:28	20:57	13		29	
24.07	06:13	06:39	18		26	53
	20:29	20:56	13		27	
25.07	06:13	06:39	18		26	52
	20:29	20:55	13		26	
26.07	06:14	06:39	18		25	50
	20:30	20:55	13		25	
27.07	06:13	06:39	18		26	49
	20:31	20:54	13		23	
28.07	06:14	06:39	18		25	46
	20:31	20:52	13		21	
29.07	06:14	06:38	18		24	43
	20:33	20:52	13		19	
30.07	06:15	06:37	18		22	38
	20:34	20:50	13		16	
31.07	06:16	06:37	18		21	32
	20:37	20:48	13		11	
01.08	06:16	06:35	18		19	19
02.08	06:18	06:35	18		17	17
03.08	06:19	06:33	18		14	14
04.08	06:21	06:31	18		10	10
08.08	07:09	07:19	19		10	10
09.08	07:05	07:21	19		16	16
10.08	07:04	07:23	19		19	19
11.08	07:02	07:24	19		22	22
12.08	07:01	07:25	19		24	24
13.08	07:01	07:26	19		25	25
14.08	06:59	07:26	19		27	27

WEA10						
Datum	Start	Ende	IO		Min IO	Min gesamt
15.08	06:59	07:27	19		28	28
	16.08	06:58	07:27	19	29	
17.08	06:58	07:27	19		29	29
	18.08	06:57	07:26	19	29	
19.08	06:57	07:27	19		30	30
	20.08	06:57	07:27	19	30	
21.08	06:57	07:26	19		29	29
	22.08	06:57	07:26	19	29	
23.08	06:57	07:24	19		27	27
	24.08	06:58	07:24	19	26	
25.08	19:16	19:28	12		12	42
	06:58	07:22	19		24	
26.08	19:12	19:30	12		18	54
	06:59	07:21	19		22	
27.08	18:40	18:52	11		12	63
	19:11	19:31	12		20	
28.08	07:00	07:20	19		20	66
	18:37	18:56	11		19	
29.08	19:09	19:33	12		24	65
	07:01	07:17	19		16	
30.08	18:33	18:57	11		24	59
	19:07	19:33	12		26	
31.08	07:04	07:14	19		10	63
	18:31	18:59	11		28	
01.09	19:07	19:34	12		27	65
	18:29	19:00	11		31	
02.09	19:05	19:33	12		28	68
	18:27	19:01	11		34	
03.09	19:05	19:34	12		29	69
	18:26	19:02	11		36	
04.09	19:04	19:33	12		29	70
	18:24	19:02	11		38	
05.09	19:03	19:33	12		30	70
	18:24	19:03	11		39	
06.09	19:03	19:32	12		29	70
	18:21	19:03	11		42	
07.09	19:04	19:32	12		28	70
	18:20	19:03	11		43	
08.09	19:03	19:30	12		27	68
	18:20	19:03	11		43	
09.09	19:04	19:29	12		25	66
	18:19	19:02	11		43	
10.09	19:04	19:27	12		23	63
	18:19	19:02	11		43	
11.09	19:06	19:26	12		20	58
	18:19	19:02	11		43	
12.09	19:08	19:23	12		15	51
	18:18	19:00	11		42	
13.09	19:10	19:19	12		9	42
	18:18	19:00	11		42	
14.09	18:18	18:58	11		40	40
	15.09	18:18	18:58	11	40	
16.09	17:23	17:26	10		3	41
	18:19	18:57	11		38	
17.09	17:14	17:32	10		18	54
	18:19	18:55	11		36	



WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
18.09	17:10	17:36	10	26	60
	18:20	18:54	11	34	
19.09	17:07	17:38	10	31	62
	18:21	18:52	11	31	
20.09	17:04	17:39	10	35	63
	18:22	18:50	11	28	
21.09	17:02	17:41	10	39	62
	18:24	18:47	11	23	
22.09	17:00	17:42	10	42	59
	18:27	18:44	11	17	
23.09	16:58	17:42	10	44	50
	18:32	18:38	11	6	
24.09	16:57	17:43	10	46	46
25.09	16:55	17:44	10	49	49
26.09	16:54	17:45	10	51	51
27.09	16:53	17:44	10	51	51
28.09	16:52	17:45	10	53	53
29.09	16:51	17:45	10	54	54
30.09	16:50	17:44	10	54	54
01.10	16:49	17:45	10	56	56
02.10	16:49	17:45	10	56	56
03.10	16:49	17:45	10	56	56
04.10	16:47	17:44	10	57	57
05.10	16:47	17:43	10	56	56
06.10	16:47	17:43	10	56	56
07.10	16:47	17:43	10	56	56
08.10	16:48	17:42	10	54	54
09.10	16:47	17:41	10	54	54
10.10	16:47	17:40	10	53	53
11.10	16:48	17:39	10	51	51
12.10	16:49	17:39	10	50	50
13.10	16:49	17:38	10	49	49
14.10	16:50	17:37	10	47	47
15.10	16:50	17:34	10	44	44
16.10	16:51	17:33	10	42	42
17.10	16:53	17:31	10	38	38
18.10	16:54	17:30	10	36	36
19.10	16:56	17:28	10	32	32
20.10	16:14	16:22	9	8	43
	16:50	17:03	8	13	
	16:59	17:25	10	26	
21.10	16:09	16:27	9	18	52
	16:48	17:06	8	18	
	17:02	17:22	10	20	
22.10	16:06	16:30	9	24	54
	16:46	17:07	8	21	
	17:07	17:16	10	9	
23.10	16:03	16:31	9	28	53
	16:44	17:09	8	25	
24.10	16:02	16:33	9	31	58
	16:43	17:10	8	27	
25.10	15:00	15:34	9	34	62
	15:42	16:10	8	28	
26.10	14:59	15:35	9	36	66
	15:41	16:11	8	30	
27.10	14:58	15:36	9	38	68
	15:41	16:11	8	30	
28.10	14:57	15:37	9	40	72
	15:40	16:12	8	32	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
29.10	14:56	15:37	9	41	73
	15:40	16:12	8	32	
30.10	14:55	15:38	9	43	75
	15:40	16:12	8	32	
31.10	14:55	15:38	9	43	75
	15:40	16:12	8	32	
01.11	14:39	14:55	7	16	92
	14:54	15:39	9	45	
	15:40	16:12	8	32	
02.11	14:36	14:58	7	22	95
	14:54	15:39	9	45	
	15:40	16:12	8	32	
03.11	14:34	15:00	7	26	96
	14:54	15:39	9	45	
	15:40	16:11	8	31	
04.11	14:32	15:01	7	29	97
	14:54	15:39	9	45	
	15:41	16:11	8	30	
05.11	14:31	15:03	7	32	97
	14:54	15:39	9	45	
	15:41	16:10	8	29	
06.11	14:30	15:04	7	34	97
	14:54	15:39	9	45	
	15:42	16:10	8	28	
07.11	14:29	15:05	7	36	96
	14:54	15:39	9	45	
	15:43	16:09	8	26	
08.11	14:28	15:06	7	38	95
	14:54	15:39	9	45	
	15:44	16:08	8	24	
09.11	14:27	15:06	7	39	94
	14:55	15:39	9	44	
	15:45	16:07	8	22	
10.11	14:26	15:07	7	41	91
	14:55	15:39	9	44	
	15:47	16:05	8	18	
11.11	14:26	15:08	7	42	87
	14:55	15:38	9	43	
	15:49	16:04	8	15	
12.11	14:26	15:08	7	42	81
	14:56	15:38	9	42	
	15:52	16:01	8	9	
13.11	14:25	15:09	7	44	73
	14:57	15:38	9	41	
14.11	14:25	15:09	7	44	72
	14:57	15:37	9	40	
15.11	14:25	15:10	7	45	72
	14:58	15:37	9	39	
16.11	14:25	15:10	7	45	71
	14:59	15:36	9	37	
17.11	14:25	15:10	7	45	71
	15:00	15:36	9	36	
18.11	14:14	14:25	6	11	80
	14:26	15:11	7	45	
	15:01	15:35	9	34	
19.11	14:12	14:28	6	16	83
	14:26	15:11	7	45	
	15:03	15:35	9	32	
20.11	14:10	14:30	6	20	84
	14:26	15:11	7	45	
	15:04	15:34	9	30	



WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
21.11	11:29	11:41	5	12	96
	14:09	14:32	6	23	
	14:27	15:11	7	44	
	15:05	15:33	9	28	
22.11	11:26	11:45	5	19	102
	14:08	14:34	6	26	
	14:27	15:12	7	45	
	15:06	15:31	9	25	
23.11	11:23	11:46	5	23	107
	14:06	14:34	6	28	
	14:27	15:11	7	44	
	15:08	15:30	9	22	
24.11	11:22	11:49	5	27	110
	14:06	14:35	6	29	
	14:27	15:11	7	44	
	15:10	15:29	9	19	
25.11	11:21	11:50	5	29	108
	14:06	14:37	6	31	
	14:28	15:11	7	43	
	15:13	15:27	9	14	
26.11	11:20	11:52	5	32	105
	14:06	14:38	6	32	
	14:29	15:12	7	43	
	15:17	15:24	9	7	
27.11	11:20	11:54	5	34	100
	14:06	14:39	6	33	
	14:30	15:12	7	42	
28.11	11:19	11:54	5	35	101
	14:05	14:39	6	34	
	14:30	15:11	7	41	
29.11	11:19	11:56	5	37	104
	14:05	14:40	6	35	
	14:31	15:12	7	41	
30.11	11:19	11:57	5	38	105
	14:05	14:41	6	36	
	14:32	15:12	7	40	
	11:18	11:57	5	39	
01.12	14:05	14:41	6	36	105
	14:32	15:11	7	39	
	11:18	11:59	5	41	
02.12	14:05	14:42	6	37	108
	14:33	15:12	7	39	
	11:17	11:59	5	42	
03.12	14:05	14:42	6	37	108
	14:33	15:11	7	38	
	11:18	12:00	5	42	
04.12	14:05	14:43	6	38	109
	14:34	15:12	7	38	
	11:17	12:01	5	44	
05.12	14:05	14:43	6	38	110
	14:35	15:11	7	36	
	11:18	12:02	5	44	
06.12	14:06	14:44	6	38	110
	14:36	15:12	7	36	
	11:18	12:03	5	45	
07.12	14:06	14:45	6	39	111
	14:37	15:12	7	35	
	11:18	12:03	5	45	
08.12	14:06	14:45	6	39	110
	14:37	15:11	7	34	

WEA10					
Datum	Start	Ende	IO	Min IO	Min gesamt
09.12	11:19	12:04	5	45	110
	14:07	14:46	6	39	
	14:39	15:12	7	33	
10.12	11:19	12:05	5	46	111
	14:07	14:46	6	39	
	14:39	15:12	7	33	
11.12	11:19	12:05	5	46	111
	14:07	14:47	6	40	
	14:40	15:12	7	32	
12.12	11:19	12:06	5	47	111
	14:08	14:47	6	39	
	14:41	15:12	7	31	
13.12	11:19	12:06	5	47	111
	14:08	14:47	6	39	
	14:41	15:12	7	31	
14.12	11:20	12:07	5	47	111
	14:08	14:48	6	40	
	14:42	15:12	7	30	
15.12	11:20	12:07	5	47	110
	14:09	14:48	6	39	
	14:43	15:12	7	29	
16.12	11:20	12:08	5	48	111
	14:10	14:49	6	39	
	14:44	15:13	7	29	
17.12	11:21	12:09	5	48	111
	14:10	14:50	6	40	
	14:45	15:13	7	28	
18.12	11:22	12:10	5	48	111
	14:11	14:50	6	39	
	14:45	15:14	7	29	
19.12	11:21	12:09	5	48	110
	14:11	14:50	6	39	
	14:45	15:13	7	28	
20.12	11:22	12:10	5	48	110
	14:12	14:51	6	39	
	14:46	15:14	7	28	
	11:22	12:10	5	48	
21.12	14:11	14:51	6	40	111
	14:46	15:14	7	28	
	11:23	12:11	5	48	
22.12	14:12	14:52	6	40	111
	14:47	15:15	7	28	
	11:23	12:11	5	48	
23.12	14:12	14:52	6	40	111
	14:47	15:15	7	28	
	11:24	12:12	5	48	
24.12	14:14	14:53	6	39	110
	14:48	15:16	7	28	
	11:25	12:13	5	48	
25.12	14:14	14:53	6	39	111
	14:48	15:17	7	29	
	11:25	12:13	5	48	
26.12	14:14	14:54	6	40	111
	14:49	15:17	7	28	
	11:25	12:13	5	48	
27.12	14:14	14:54	6	40	111
	14:49	15:17	7	28	
	11:26	12:13	5	47	
28.12	14:15	14:54	6	39	110
	14:49	15:18	7	29	



WEA10						
Datum	Start	Ende	IO		Min IO	Min gesamt
29.12	11:26	12:14	5		48	112
	14:15	14:55	6		40	
	14:49	15:19	7		30	
30.12	11:27	12:14	5		47	111
	14:16	14:55	6		39	
	14:49	15:20	7		31	
31.12	11:28	12:15	5		47	112
	14:16	14:56	6		40	
	14:49	15:21	7		32	



WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
01.01	14:04	14:13	7	9	87
	14:15	14:47	9	32	
	14:40	15:17	10	37	
	15:05	15:33	8	28	
02.01	14:06	14:12	7	6	84
	14:16	14:47	9	31	
	14:41	15:17	10	36	
	15:06	15:34	8	28	
03.01	14:16	14:48	9	32	78
	14:41	15:18	10	37	
	15:06	15:34	8	28	
04.01	14:17	14:47	9	30	77
	14:41	15:18	10	37	
	15:06	15:34	8	28	
05.01	14:18	14:48	9	30	77
	14:41	15:20	10	39	
	15:07	15:35	8	28	
06.01	14:18	14:47	9	29	77
	14:41	15:20	10	39	
	15:07	15:35	8	28	
07.01	14:19	14:48	9	29	77
	14:42	15:21	10	39	
	15:08	15:36	8	28	
08.01	14:20	14:48	9	28	76
	14:41	15:21	10	40	
	15:08	15:36	8	28	
09.01	14:21	14:48	9	27	76
	14:42	15:23	10	41	
	15:09	15:37	8	28	
10.01	14:22	14:48	9	26	75
	14:42	15:23	10	41	
	15:09	15:37	8	28	
11.01	14:23	14:47	9	24	74
	14:42	15:23	10	41	
	15:09	15:37	8	28	
12.01	14:24	14:47	9	23	73
	14:42	15:24	10	42	
	15:09	15:37	8	28	
13.01	14:25	14:46	9	21	73
	14:42	15:24	10	42	
	15:10	15:38	8	28	
14.01	14:26	14:45	9	19	72
	14:42	15:25	10	43	
	15:10	15:38	8	28	
15.01	14:28	14:44	9	16	70
	14:42	15:25	10	43	
	15:11	15:38	8	27	
16.01	14:30	14:43	9	13	68
	14:42	15:26	10	44	
	15:12	15:38	8	26	
17.01	14:33	14:41	9	8	64
	14:42	15:27	10	45	
	15:12	15:38	8	26	
18.01	14:43	15:27	10	44	55
	15:13	15:38	8	25	
19.01	14:43	15:28	10	45	55
	15:14	15:38	8	24	
20.01	14:44	15:29	10	45	54
	15:15	15:38	8	23	

WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
21.01	14:43	15:28	10	45	54
	15:16	15:37	8	21	
22.01	14:44	15:29	10	45	53
	15:17	15:37	8	20	
23.01	14:45	15:29	10	44	51
	15:19	15:36	8	17	
24.01	14:44	15:29	10	45	51
	15:20	15:35	8	15	
25.01	14:45	15:30	10	45	48
	15:23	15:33	8	10	
26.01	14:45	15:29	10	44	44
27.01	14:46	15:30	10	44	44
28.01	14:46	15:29	10	43	43
29.01	14:48	15:30	10	42	42
30.01	14:48	15:29	10	41	41
31.01	14:48	15:28	10	40	40
01.02	14:50	15:29	10	39	39
02.02	14:51	15:28	10	37	37
03.02	14:52	15:27	10	35	35
04.02	14:53	15:26	10	33	33
05.02	14:55	15:26	10	31	31
06.02	14:56	15:24	10	28	28
	14:58	15:22	10	24	
07.02	16:25	16:35	11	10	34
	15:01	15:20	10	19	
08.02	16:21	16:39	11	18	37
	15:04	15:17	10	13	
09.02	16:19	16:41	11	22	35
	16:17	16:43	11	26	
10.02	16:16	16:44	11	28	28
11.02	16:16	16:44	11	28	28
12.02	16:14	16:46	11	32	32
13.02	16:13	16:47	11	34	34
14.02	16:13	16:48	11	35	35
15.02	16:12	16:49	11	37	37
16.02	16:11	16:49	11	38	38
17.02	16:11	16:50	11	39	39
18.02	16:10	16:49	11	39	39
19.02	16:10	16:50	11	40	40
20.02	16:09	16:50	11	41	41
21.02	16:09	16:50	11	41	41
22.02	16:10	16:50	11	40	40
23.02	16:10	16:50	11	40	40
24.02	16:09	16:49	11	40	40
25.02	16:10	16:49	11	39	39
26.02	16:11	16:49	11	38	38
27.02	16:11	16:48	11	37	37
28.02	16:11	16:46	11	35	35
29.02	16:13	16:46	11	33	33
01.03	16:14	16:45	11	31	38
	17:25	17:32	12	7	
02.03	16:15	16:42	11	27	42
	17:20	17:35	12	15	
03.03	16:17	16:41	11	24	43
	17:18	17:37	12	19	
04.03	16:19	16:38	11	19	42
	17:16	17:39	12	23	
05.03	16:22	16:34	11	12	37
	17:14	17:39	12	25	
06.03	17:13	17:40	12	27	27



WEA11						
Datum	Start	Ende	IO		Min IO	Min gesamt
07.03	17:13	17:41	12		28	28
08.03	17:12	17:41	12		29	29
09.03	17:11	17:41	12		30	30
10.03	17:11	17:42	12		31	31
11.03	17:10	17:41	12		31	31
12.03	17:11	17:41	12		30	30
13.03	17:11	17:40	12		29	29
14.03	17:11	17:39	12		28	28
15.03	17:12	17:38	12		26	26
16.03	07:10	07:22	19		12	36
	17:12	17:36	12		24	
17.03	07:06	07:24	19		18	40
	17:13	17:35	12		22	
18.03	07:05	07:26	19		21	40
	17:15	17:34	12		19	
19.03	07:03	07:26	19		23	36
	17:17	17:30	12		13	
20.03	07:02	07:27	19		25	25
21.03	07:01	07:28	19		27	27
22.03	07:00	07:27	19		27	27
23.03	07:00	07:27	19		27	27
24.03	06:59	07:27	19		28	28
25.03	06:59	07:26	19		27	27
26.03	06:59	07:26	19		27	27
27.03	06:59	07:25	19		26	26
28.03	07:00	07:24	19		24	24
29.03	08:01	08:23	19		22	22
30.03	08:01	08:21	19		20	20
31.03	08:03	08:19	19		16	16
01.04	08:05	08:15	19		10	10
08.04	19:30	19:33	13		3	3
09.04	07:11	07:22	18		11	26
	19:24	19:39	13		15	
10.04	07:09	07:25	18		16	36
	19:22	19:42	13		20	
11.04	07:07	07:26	18		19	42
	19:19	19:42	13		23	
12.04	07:05	07:26	18		21	48
	19:17	19:44	13		27	
13.04	07:04	07:27	18		23	52
	19:16	19:45	13		29	
14.04	07:03	07:28	18		25	56
	19:15	19:46	13		31	
15.04	07:03	07:28	18		25	57
	19:14	19:46	13		32	
16.04	07:02	07:28	18		26	60
	19:12	19:46	13		34	
17.04	07:01	07:27	18		26	60
	19:12	19:46	13		34	
18.04	07:01	07:27	18		26	61
	19:12	19:47	13		35	
19.04	07:01	07:27	18		26	62
	19:11	19:47	13		36	
20.04	07:01	07:26	18		25	61
	19:11	19:47	13		36	
21.04	07:02	07:25	18		23	58
	19:11	19:46	13		35	
22.04	07:02	07:25	18		23	58
	19:11	19:46	13		35	

WEA11						
Datum	Start	Ende	IO		Min IO	Min gesamt
23.04	07:03	07:23	18		20	55
	19:11	19:46	13		35	
24.04	07:04	07:22	18		18	51
	19:12	19:45	13		33	
25.04	07:06	07:20	18		14	47
	19:12	19:45	13		33	
26.04	07:08	07:17	18		9	41
	19:12	19:44	13		32	
27.04	19:13	19:43	13		30	30
28.04	19:14	19:42	13		28	28
29.04	19:15	19:41	13		26	26
30.04	19:16	19:39	13		23	23
01.05	19:17	19:37	13		20	20
02.05	19:19	19:35	13		16	16
03.05	19:22	19:32	13		10	10
12.05	20:20	20:32	14		12	12
13.05	20:18	20:35	14		17	17
14.05	20:16	20:36	14		20	20
15.05	20:15	20:38	14		23	23
16.05	20:13	20:38	14		25	25
17.05	20:13	20:40	14		27	27
18.05	20:12	20:41	14		29	29
19.05	20:11	20:41	14		30	30
20.05	20:11	20:42	14		31	31
21.05	20:10	20:43	14		33	33
22.05	20:10	20:43	14		33	33
23.05	20:09	20:43	14		34	34
24.05	20:09	20:43	14		34	34
25.05	20:09	20:44	14		35	35
26.05	20:09	20:44	14		35	35
	20:09	20:44	14		35	
27.05	20:09	20:44	14		35	35
	20:30	20:40	15		10	
28.05	20:09	20:45	14		36	36
	20:27	20:42	15		15	
29.05	20:09	20:45	14		36	36
	20:26	20:44	15		18	
30.05	20:10	20:46	14		36	37
	20:25	20:47	15		22	
31.05	20:10	20:46	14		36	38
	20:24	20:48	15		24	
01.06	20:09	20:46	14		37	40
	20:23	20:49	15		26	
02.06	20:09	20:46	14		37	41
	20:22	20:50	15		28	
03.06	20:10	20:47	14		37	41
	20:22	20:51	15		29	
04.06	20:10	20:46	14		36	42
	20:21	20:52	15		31	
05.06	20:10	20:46	14		36	42
	20:20	20:52	15		32	
06.06	20:11	20:47	14		36	42
	20:20	20:53	15		33	
07.06	20:10	20:46	14		36	43
	20:19	20:53	15		34	
08.06	20:11	20:47	14		36	43
	20:20	20:54	15		34	
09.06	20:12	20:47	14		35	43
	20:20	20:55	15		35	
10.06	20:11	20:47	14		36	44
	20:19	20:55	15		36	



WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
11.06	20:12	20:47	14	35	44
	20:19	20:56	15	37	
12.06	20:12	20:48	14	36	45
	20:20	20:57	15	37	
13.06	20:12	20:47	14	35	44
	20:19	20:56	15	37	
14.06	20:12	20:47	14	35	45
	20:19	20:57	15	38	
15.06	20:13	20:48	14	35	44
	20:19	20:57	15	38	
16.06	20:13	20:48	14	35	45
	20:19	20:58	15	39	
17.06	20:13	20:48	14	35	45
	20:19	20:58	15	39	
18.06	20:14	20:48	14	34	44
	20:19	20:58	15	39	
19.06	20:14	20:48	14	34	45
	20:19	20:59	15	40	
20.06	20:14	20:48	14	34	45
	20:20	20:59	15	39	
21.06	20:15	20:49	14	34	45
	20:21	21:00	15	39	
22.06	20:15	20:49	14	34	45
	20:21	21:00	15	39	
23.06	20:15	20:49	14	34	45
	20:20	21:00	15	40	
24.06	20:15	20:49	14	34	45
	20:20	21:00	15	40	
25.06	20:15	20:50	14	35	45
	20:21	21:00	15	39	
26.06	20:15	20:50	14	35	45
	20:21	21:00	15	39	
27.06	20:16	20:51	14	35	45
	20:22	21:01	15	39	
28.06	20:16	20:50	14	34	44
	20:22	21:00	15	38	
29.06	20:16	20:51	14	35	45
	20:23	21:01	15	38	
30.06	20:16	20:51	14	35	44
	20:23	21:00	15	37	
01.07	20:16	20:51	14	35	44
	20:23	21:00	15	37	
02.07	20:17	20:52	14	35	44
	20:24	21:01	15	37	
03.07	20:16	20:52	14	36	44
	20:24	21:00	15	36	
04.07	20:16	20:52	14	36	44
	20:25	21:00	15	35	
05.07	20:17	20:53	14	36	43
	20:26	21:00	15	34	
06.07	20:17	20:53	14	36	43
	20:26	21:00	15	34	
07.07	20:17	20:53	14	36	43
	20:27	21:00	15	33	
08.07	20:16	20:53	14	37	43
	20:28	20:59	15	31	
09.07	20:17	20:53	14	36	41
	20:28	20:58	15	30	
10.07	20:17	20:53	14	36	40
	20:29	20:57	15	28	

WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
11.07	20:17	20:53	14	36	40
	20:30	20:57	15	27	
12.07	20:17	20:53	14	36	39
	20:31	20:56	15	25	
13.07	20:18	20:54	14	36	38
	20:33	20:56	15	23	
14.07	20:18	20:54	14	36	36
	20:34	20:54	15	20	
15.07	20:18	20:54	14	36	36
	20:36	20:53	15	17	
16.07	20:18	20:54	14	36	36
	20:38	20:51	15	13	
17.07	20:18	20:54	14	36	36
	20:42	20:46	15	4	
18.07	20:18	20:53	14	35	35
19.07	20:19	20:54	14	35	35
20.07	20:20	20:54	14	34	34
21.07	20:20	20:53	14	33	33
22.07	20:20	20:52	14	32	32
23.07	20:21	20:53	14	32	32
24.07	20:21	20:52	14	31	31
25.07	20:22	20:51	14	29	29
26.07	20:23	20:51	14	28	28
27.07	20:23	20:50	14	27	27
28.07	20:25	20:49	14	24	24
29.07	20:26	20:48	14	22	22
30.07	20:27	20:46	14	19	19
31.07	20:29	20:44	14	15	15
01.08	20:32	20:40	14	8	8
10.08	19:30	19:42	13	12	12
11.08	19:27	19:44	13	17	17
12.08	19:25	19:46	13	21	21
13.08	19:23	19:47	13	24	24
14.08	19:22	19:48	13	26	26
15.08	19:21	19:50	13	29	29
16.08	19:19	19:50	13	31	31
	17.08	07:14	07:25	18	
17.08	19:19	19:51	13	32	43
	18.08	07:11	07:26	18	
18.08	19:17	19:50	13	33	48
	19.08	07:10	07:28	18	
19.08	19:17	19:51	13	34	52
	20.08	07:09	07:29	18	
20.08	19:16	19:50	13	34	54
	21.08	07:07	07:29	18	
21.08	19:16	19:51	13	35	57
	22.08	07:06	07:30	18	
22.08	19:16	19:51	13	35	59
	23.08	07:05	07:30	18	
23.08	19:15	19:50	13	35	60
	24.08	07:05	07:30	18	
24.08	19:15	19:50	13	35	60
	25.08	07:05	07:31	18	
25.08	19:14	19:49	13	35	61
	26.08	07:04	07:30	18	
26.08	19:15	19:49	13	34	60
	27.08	07:04	07:30	18	
27.08	19:15	19:49	13	34	60
	28.08	07:03	07:29	18	
28.08	19:15	19:47	13	32	58



WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
29.08	07:04	07:28	18	24	55
	19:16	19:47	13	31	
30.08	07:04	07:27	18	23	52
	19:16	19:45	13	29	
31.08	07:05	07:26	18	21	48
	19:17	19:44	13	27	
01.09	07:06	07:25	18	19	42
	19:19	19:42	13	23	
02.09	07:07	07:22	18	15	34
	19:20	19:39	13	19	
03.09	07:09	07:20	18	11	26
	19:22	19:37	13	15	
04.09	19:27	19:30	13	3	3
11.09	07:58	08:08	19	10	10
12.09	07:54	08:10	19	16	16
13.09	07:52	08:12	19	20	20
14.09	07:51	08:13	19	22	22
15.09	07:49	08:13	19	24	24
16.09	07:48	08:14	19	26	26
17.09	07:48	08:14	19	26	26
18.09	07:46	08:14	19	28	28
19.09	07:46	08:14	19	28	28
20.09	07:46	08:14	19	28	28
21.09	07:45	08:13	19	28	28
22.09	07:46	08:12	19	26	26
23.09	07:46	08:12	19	26	26
24.09	07:46	08:10	19	24	35
	18:02	18:13	12	11	
25.09	07:47	08:09	19	22	39
	17:59	18:16	12	17	
26.09	07:48	08:07	19	19	39
	17:56	18:16	12	20	
27.09	07:49	08:04	19	15	39
	17:54	18:18	12	24	
28.09	07:53	08:01	19	8	34
	17:53	18:19	12	26	
29.09	17:52	18:20	12	28	28
30.09	17:50	18:19	12	29	29
01.10	17:50	18:19	12	29	29
02.10	17:49	18:20	12	31	31
03.10	17:49	18:20	12	31	31
04.10	17:48	18:18	12	30	30
05.10	17:48	18:18	12	30	30
06.10	17:49	18:18	12	29	29
07.10	17:49	18:17	12	28	28
08.10	17:50	18:16	12	26	26
09.10	16:55	17:11	11	16	40
	17:50	18:14	12	24	
10.10	16:52	17:13	11	21	42
	17:51	18:12	12	21	
11.10	16:50	17:15	11	25	43
	17:53	18:11	12	18	
12.10	16:48	17:17	11	29	42
	17:55	18:08	12	13	
13.10	16:46	17:18	11	32	32
14.10	16:45	17:19	11	34	34
15.10	16:43	17:19	11	36	36
16.10	16:42	17:20	11	38	38
17.10	16:42	17:20	11	38	38

WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
18.10	16:41	17:20	11	39	39
19.10	16:41	17:21	11	40	40
20.10	16:40	17:21	11	41	41
21.10	16:40	17:21	11	41	41
22.10	16:40	17:21	11	41	41
23.10	16:40	17:20	11	40	40
24.10	16:40	17:20	11	40	40
25.10	15:40	16:20	11	40	40
26.10	15:41	16:19	11	38	38
27.10	15:41	16:19	11	38	38
28.10	15:42	16:18	11	36	36
29.10	15:42	16:17	11	35	35
30.10	15:43	16:16	11	33	33
31.10	15:44	16:15	11	31	31
01.11	15:46	16:14	11	28	28
02.11	15:47	16:12	11	25	25
	14:33	14:47	10	14	
03.11	15:49	16:10	11	21	35
	14:30	14:50	10	20	
04.11	15:51	16:08	11	17	37
	14:28	14:52	10	24	
05.11	15:55	16:04	11	9	33
	14:26	14:54	10	28	
06.11	14:26	14:54	10	28	28
07.11	14:24	14:56	10	32	32
08.11	14:23	14:57	10	34	34
09.11	14:22	14:58	10	36	36
10.11	14:21	14:59	10	38	38
11.11	14:21	15:00	10	39	39
12.11	14:20	15:00	10	40	40
13.11	14:20	15:01	10	41	41
14.11	14:20	15:02	10	42	42
15.11	14:19	15:02	10	43	43
16.11	14:19	15:03	10	44	44
17.11	14:19	15:03	10	44	44
	14:19	15:04	10	45	
18.11	14:19	15:04	10	45	48
	14:57	15:07	8	10	
19.11	14:19	15:04	10	45	51
	14:55	15:10	8	15	
20.11	14:20	15:04	10	44	51
	14:54	15:11	8	17	
21.11	14:20	15:05	10	45	53
	14:53	15:13	8	20	
22.11	14:19	15:04	10	45	54
	14:52	15:13	8	21	
23.11	14:20	15:05	10	45	54
	14:51	15:14	8	23	
24.11	14:20	15:05	10	45	55
	14:51	15:15	8	24	
25.11	14:21	15:05	10	44	55
	14:51	15:16	8	25	
26.11	14:13	14:20	9	7	62
	14:22	15:06	10	44	
27.11	14:51	15:17	8	26	68
	14:10	14:23	9	13	
28.11	14:22	15:06	10	44	70
	14:08	14:24	9	16	
28.11	14:22	15:06	10	44	70
	14:51	15:18	8	27	



WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
29.11	14:07	14:26	9	19	72
	14:23	15:06	10	43	
	14:51	15:19	8	28	
30.11	14:07	14:28	9	21	73
	14:24	15:07	10	43	
	14:52	15:20	8	28	
01.12	14:06	14:29	9	23	74
	14:24	15:06	10	42	
	14:52	15:20	8	28	
02.12	14:06	14:30	9	24	74
	14:25	15:07	10	42	
	14:52	15:20	8	28	
03.12	14:05	14:31	9	26	75
	14:25	15:06	10	41	
	14:52	15:20	8	28	
04.12	14:05	14:32	9	27	76
	14:26	15:07	10	41	
	14:53	15:21	8	28	
05.12	14:05	14:33	9	28	76
	14:26	15:06	10	40	
	14:53	15:21	8	28	
06.12	14:05	14:34	9	29	77
	14:28	15:07	10	39	
	14:54	15:22	8	28	
07.12	14:05	14:34	9	29	77
	14:28	15:07	10	39	
	14:54	15:22	8	28	
08.12	14:05	14:35	9	30	77
	14:28	15:07	10	39	
	14:54	15:22	8	28	
09.12	14:06	14:36	9	30	77
	14:30	15:08	10	38	
	14:55	15:23	8	28	
10.12	14:06	14:37	9	31	77
	14:30	15:08	10	38	
	14:56	15:23	8	27	
11.12	13:57	14:02	7	5	83
	14:06	14:37	9	31	
	14:31	15:08	10	37	
12.12	13:55	14:04	7	9	87
	14:06	14:38	9	32	
	14:31	15:08	10	37	
13.12	13:55	14:06	7	11	89
	14:06	14:38	9	32	
	14:32	15:08	10	36	
14.12	13:54	14:07	7	13	91
	14:06	14:39	9	33	
	14:33	15:08	10	35	
15.12	13:54	14:08	7	14	91
	14:07	14:40	9	33	
	14:33	15:08	10	35	
16.12	13:54	14:09	7	15	92
	14:07	14:40	9	33	
	14:34	15:09	10	35	
	14:59	15:26	8	27	

WEA11					
Datum	Start	Ende	IO	Min IO	Min gesamt
17.12	13:55	14:10	7	15	91
	14:08	14:41	9	33	
	14:35	15:09	10	34	
18.12	14:59	15:26	8	27	91
	13:55	14:11	7	16	
	14:09	14:42	9	33	
19.12	14:35	15:09	10	34	92
	14:59	15:26	8	27	
	13:55	14:11	7	16	
20.12	14:08	14:42	9	34	92
	14:36	15:10	10	34	
	15:00	15:27	8	27	
21.12	13:55	14:12	7	17	92
	14:09	14:42	9	33	
	14:37	15:10	10	33	
22.12	15:01	15:27	8	26	92
	13:55	14:12	7	17	
	14:09	14:42	9	33	
23.12	14:37	15:10	10	33	92
	15:01	15:27	8	26	
	13:56	14:13	7	17	
24.12	14:10	14:43	9	33	92
	14:38	15:11	10	33	
	15:02	15:28	8	26	
25.12	13:56	14:13	7	17	91
	14:10	14:43	9	33	
	14:38	15:11	10	33	
26.12	15:02	15:28	8	26	92
	13:58	14:14	7	16	
	14:11	14:44	9	33	
27.12	14:39	15:13	10	34	91
	15:03	15:29	8	26	
	13:58	14:14	7	16	
28.12	14:11	14:45	9	34	92
	14:39	15:13	10	34	
	15:03	15:30	8	27	
29.12	13:58	14:14	7	16	92
	14:12	14:45	9	33	
	14:39	15:13	10	34	
30.12	15:03	15:30	8	27	91
	13:59	14:14	7	15	
	14:12	14:45	9	33	
31.12	14:39	15:14	10	35	91
	15:04	15:31	8	27	
	14:00	14:14	7	14	
29.12	14:13	14:46	9	33	90
	14:40	15:15	10	35	
	15:04	15:31	8	27	
30.12	14:01	14:14	7	13	90
	14:13	14:46	9	33	
	14:40	15:16	10	36	
31.12	15:05	15:32	8	27	90
	14:02	14:14	7	12	
	14:14	14:46	9	32	
31.12	14:40	15:16	10	36	87
	15:05	15:33	8	28	
	14:04	14:13	7	9	
	14:15	14:47	9	32	
	14:40	15:16	10	36	
	15:05	15:33	8	28	



## ANHANG F SCHATTENWURFKARTEN

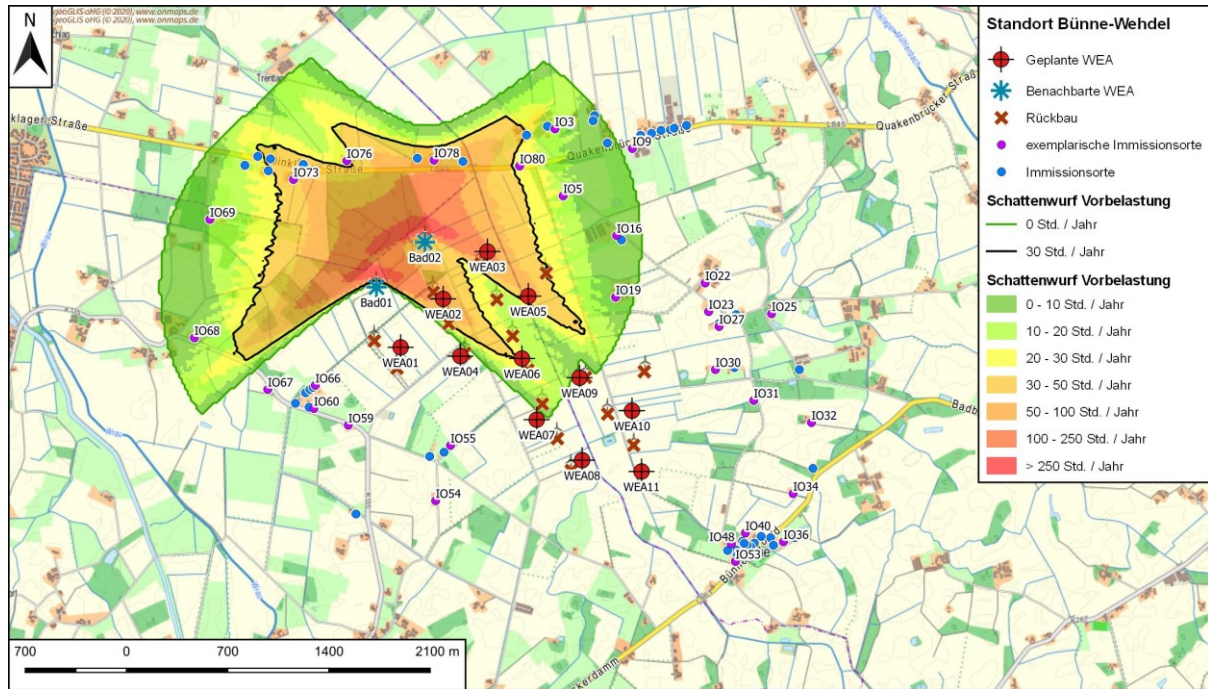


Abbildung A.1: Schattenwurf Vorbelastung, Kriterium: 30 Stunden im Jahr

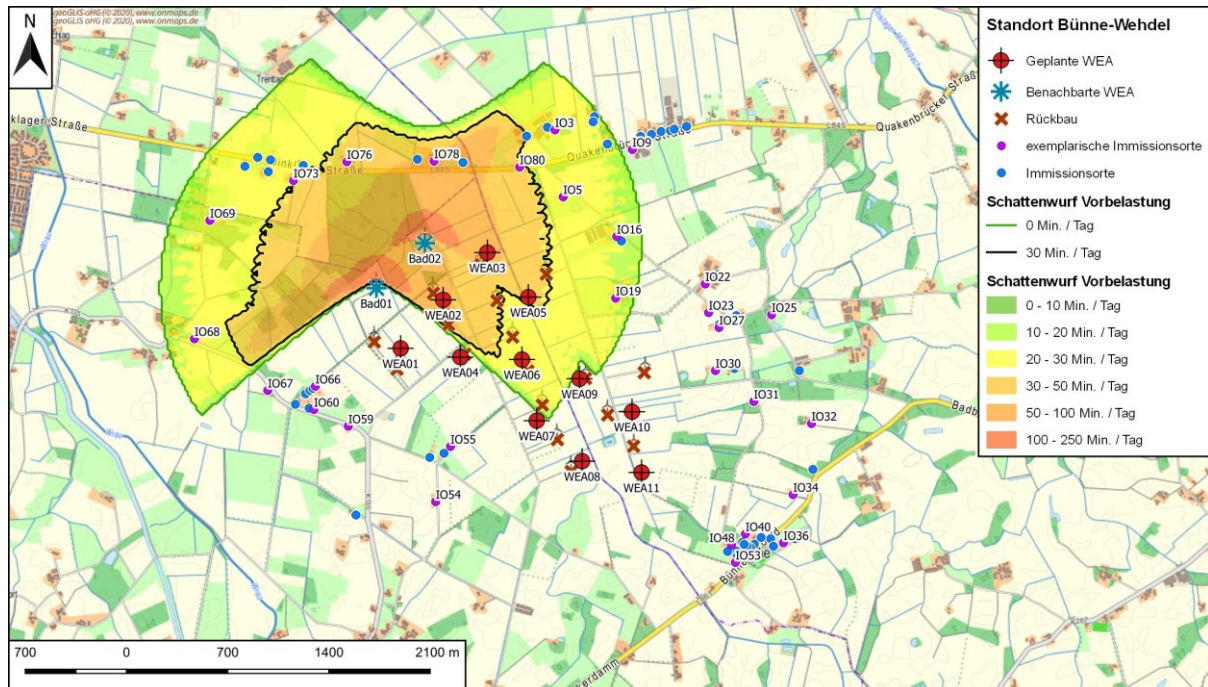


Abbildung A.2: Schattenwurf Vorbelastung, Kriterium 30 Minuten pro Tag

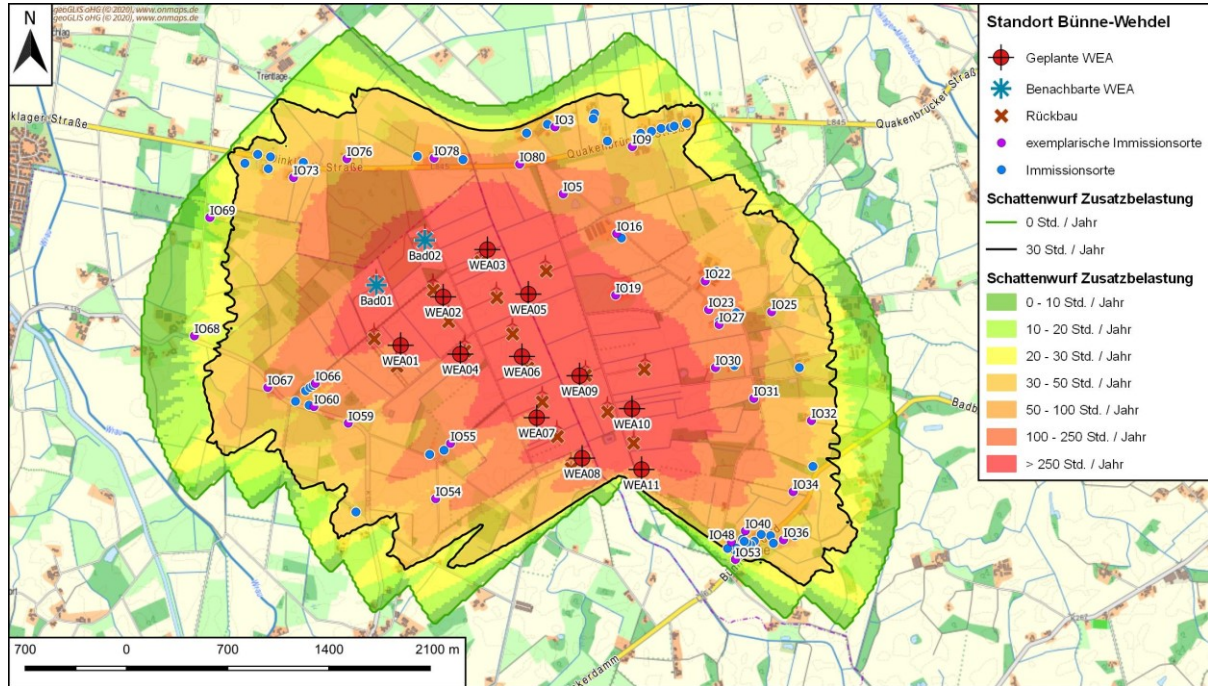


Abbildung A.3: Schattenwurf Zusatzbelastung, Kriterium 30 Stunden pro Jahr

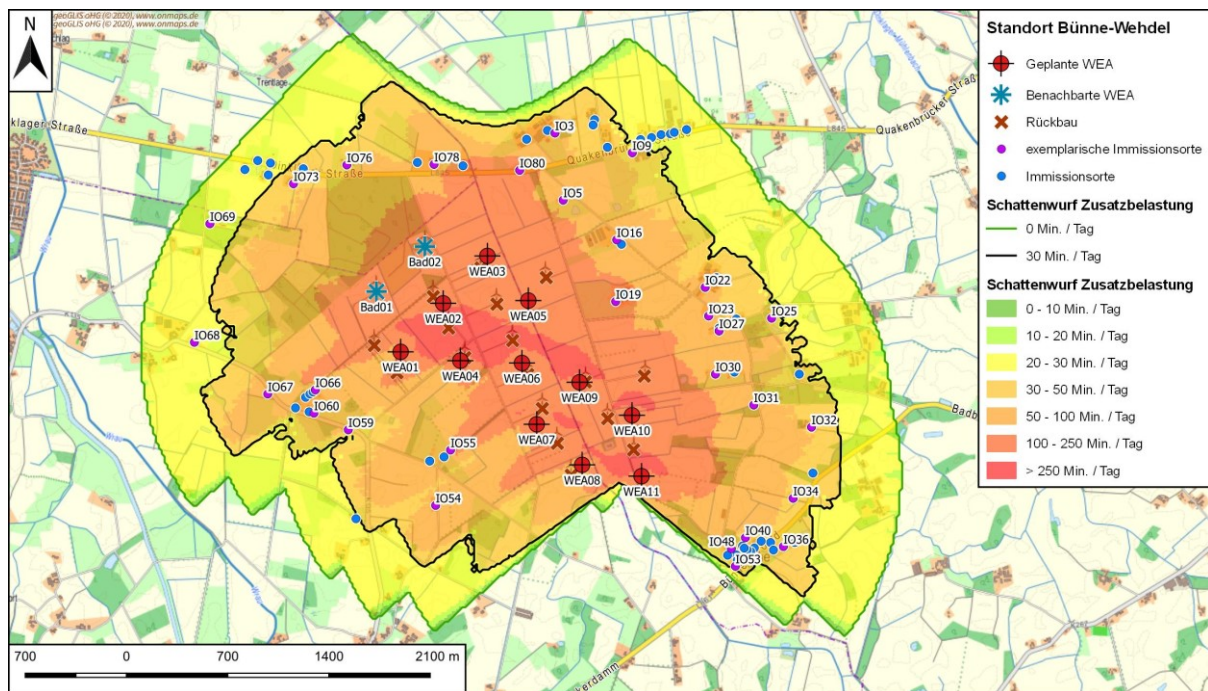


Abbildung A.4: Schattenwurf Zusatzbelastung, Kriterium 30 Minuten pro Tag

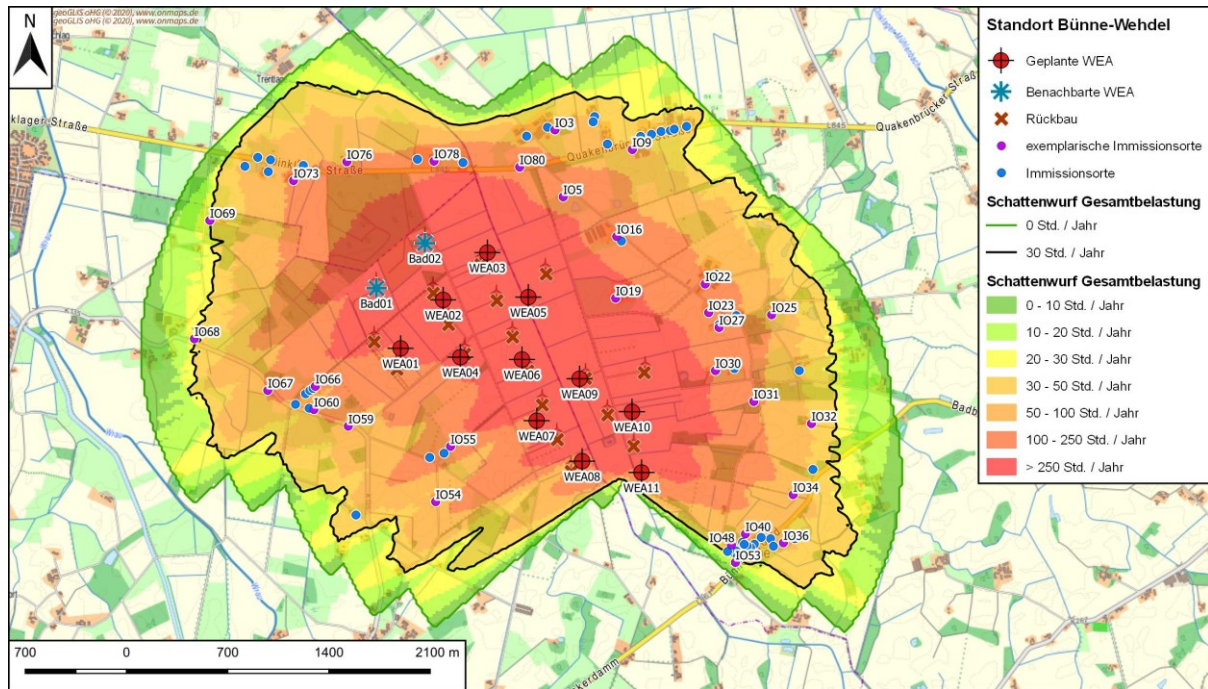


Abbildung A.5: Schattenwurf Gesamtbelastung, Kriterium 30 Stunden pro Jahr

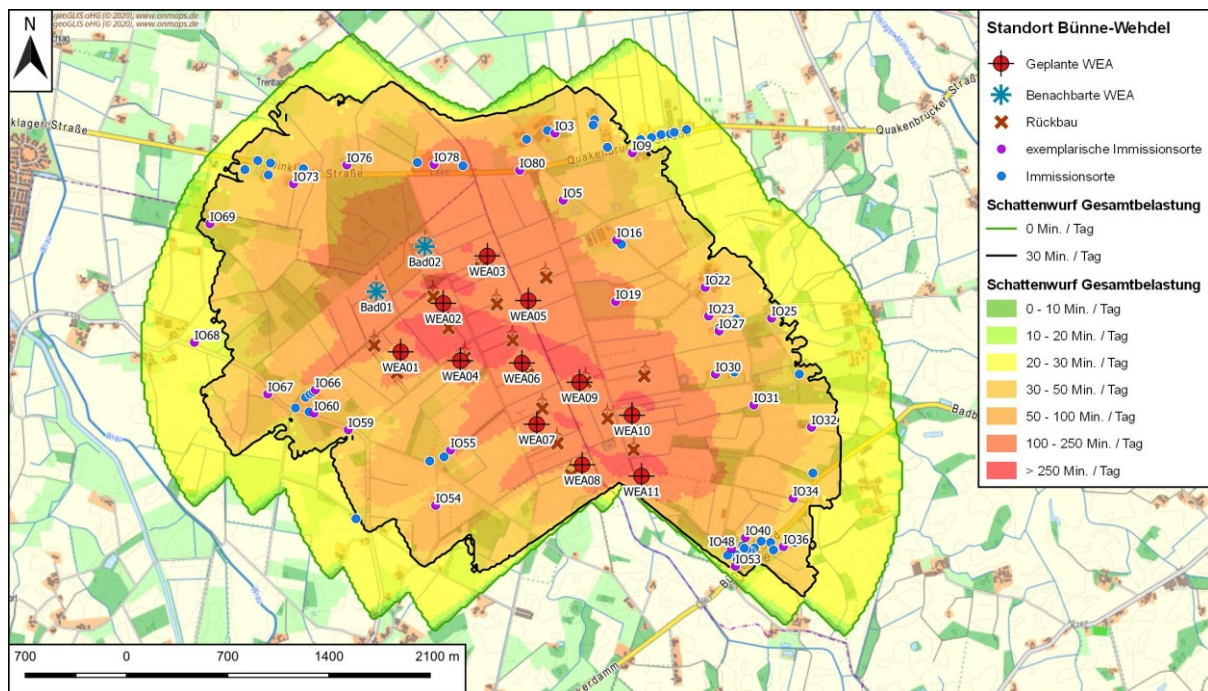


Abbildung A.6: Schattenwurf Gesamtbelastung, Kriterium 30 Minuten pro Tag



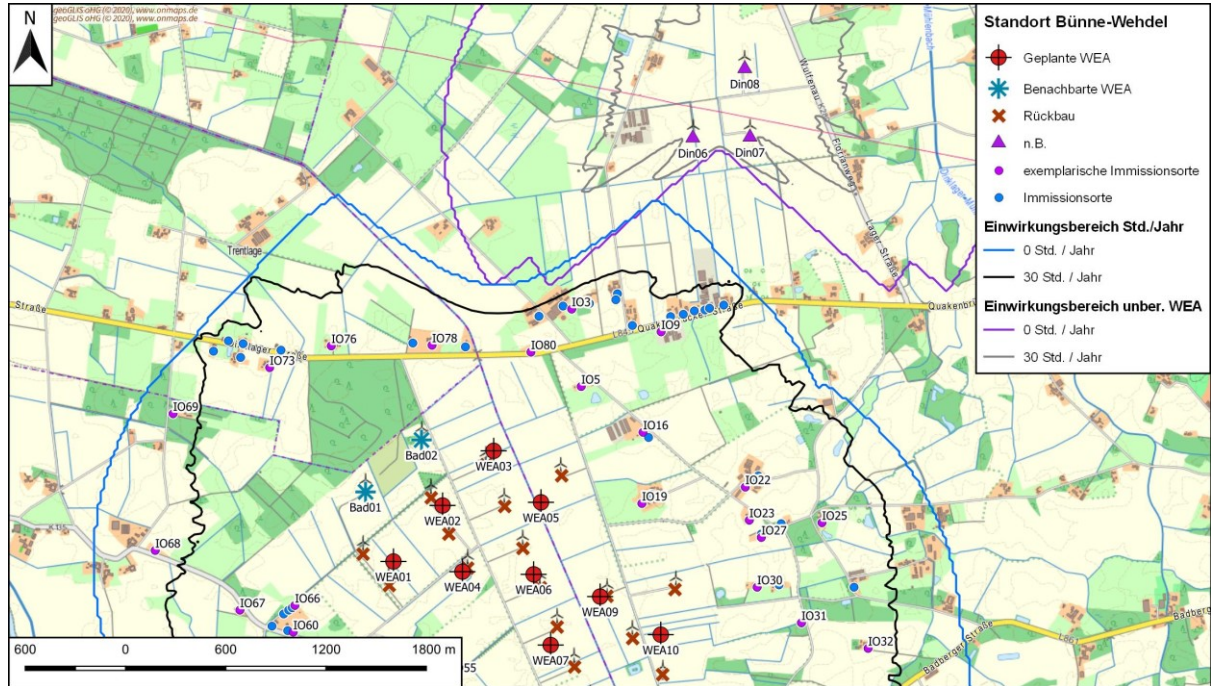


Abbildung A.7: Einwirkungsbereiche der unberücksichtigten WEA und der geplanten WEA

## ANHANG G LITERATUR

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- [9] onmaps.de Kartendienst der geoGLIS oHG (©GeoBasis-DE/BKG/ZSHH < 2020> ©Deutsche Post Direkt <2020>)
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## ANHANG H VERWENDETE SOFTWARE

Neben verschiedenen eigenen Berechnungs- und Bearbeitungsvorlagen wurden insbesondere die folgende Software zur Berechnung und Datenbearbeitung verwendet.

[A] WindPRO, version 3.3, EMD International A/S, Denmark

[B] QGIS, version 3.10

## ANHANG I HÄUFIG VERWENDETE ABKÜRZUNGEN

<b>WEA</b>	Windenergieanlage
<b>IO</b>	Immissionsort
<b>LAI</b>	Länderausschuss Immissionsschutz
<b>UTM</b>	Universelle Transversale Mercator-Projektion
<b>ETRS89</b>	Europäisches Terrestrisches Referenzsystem 1989