

Janvier 2023

Horaires

valables à partir
du 30 janv. 2023



**Nouveaux
horaires !**

5

Bus 5

St Pierre Gare

St Pierre des Corps

Tours Centre

Deux Lions

Parc Grandmont

Tours Sud


filbleu
Tours Métropole
02 47 66 70 70
filbleu.fr  

Agence Fil Bleu
9 Rue Michelet à Tours

Contact direct



Web et mobile

www.filbleu.fr
et via l'application mobile Fil Bleu
(iOS - Android)

Agence Fil Bleu

9 rue Michelet à TOURS
du lundi au vendredi de 7h30 à 19h
le samedi de 10h à 17h

Service clients

- **par téléphone** au 02 47 66 70 70
du lundi au vendredi de 6h à 20h et le
samedi de 10h à 20h
- **par e-mail** à service.clients@filbleu.fr
- **par courrier** à
Filbleu - Service Clients
Avenue de Florence
37700 Saint-Pierre-des-Corps

Fil éclair

service prélèvement automatique
02 47 66 70 70 - fileclair@filbleu.fr
ou espace perso sur filbleu.fr

Facebook

[facebook/filbleu.bustram](https://facebook.com/filbleu.bustram)

Instagram

[@filbleu_bus_tram](https://instagram.com/filbleu_bus_tram)

Twitter

[@filbleu](https://twitter.com/filbleu)



**Un service de Tours Métropole Val de Loire et du Syndicat
des Mobilités de Touraine.**

Un réseau géré par **KEOUS**

E-boutique

Tous les services
Fil Bleu à portée
de clic



Sur la E-boutique Fil Bleu,
je crée ma carte et je choisis mon
mode de livraison, je recharge
mon abonnement, j'achète
mon ticket de bus ou
de tramway.

www.filbleu.fr/tarifs-et-vente-en-ligne/e-boutique


filbleu
Tours Métropole
02 47 66 70 70
filbleu.fr  



direction TOURS SUD

Parc Grandmont

Lundi au Vendredi - Monday to Friday

St Pierre Gare	5.51	6.07	6.23	6.38	6.50	7.10	7.11	7.23	7.32	7.44	7.56	8.08	8.20	8.32	8.45	8.58	9.11	9.24	9.36	9.49	10.05	10.17	10.29	10.41	10.53	11.05	11.17	11.29	11.41	11.53	12.05	12.17	12.29	12.41	12.53	13.05	13.17	13.29	13.41	13.53	14.05	14.17	14.29	14.41	14.53	15.05	15.17	15.28	St Pierre Gare
Grand Mail	5.57	6.13	6.29	6.44	6.56	7.18	7.18	7.30	7.39	7.51	8.03	8.15	8.27	8.39	8.52	9.05	9.18	9.31	9.43	9.56	10.11	10.23	10.35	10.47	10.59	11.11	11.23	11.35	11.47	11.59	12.11	12.23	12.35	12.47	12.59	13.11	13.23	13.35	13.47	13.59	14.11	14.23	14.35	14.47	14.59	15.11	15.23	15.34	Grand Mail
La Madeleine	6.00	6.16	6.32	6.47	6.59	7.20	7.21	7.33	7.42	7.54	8.06	8.18	8.30	8.42	8.55	9.08	9.21	9.34	9.46	9.59	10.14	10.26	10.38	10.50	11.02	11.14	11.26	11.38	11.50	12.02	12.14	12.26	12.38	12.50	13.02	13.14	13.26	13.38	13.50	14.02	14.14	14.26	14.38	14.50	15.02	15.14	15.26	15.37	La Madeleine
Gare Vinci	6.06	6.22	6.39	6.54	7.06	7.25	7.30	7.42	7.54	8.06	8.18	8.30	8.42	8.54	9.06	9.18	9.30	9.42	9.54	10.06	10.21	10.33	10.45	10.57	11.09	11.21	11.33	11.45	11.57	12.09	12.21	12.33	12.45	12.57	13.09	13.21	13.33	13.45	13.57	14.09	14.21	14.33	14.45	14.57	15.09	15.21	15.33	15.44	Gare Vinci
Jean Jaurès	6.08	6.24	6.41	6.56	7.08	7.29	7.32	7.44	7.56	8.08	8.20	8.32	8.44	8.56	9.08	9.20	9.32	9.44	9.56	10.08	10.23	10.35	10.47	10.59	11.11	11.23	11.35	11.47	11.59	12.11	12.23	12.35	12.47	12.59	13.11	13.23	13.35	13.47	13.59	14.11	14.23	14.35	14.47	14.59	15.11	15.23	15.36	15.47	Jean Jaurès
Arago	6.12	6.28	6.45	7.00	7.13	7.36	7.37	7.49	8.01	8.13	8.25	8.37	8.49	9.01	9.13	9.25	9.37	9.49	10.01	10.13	10.28	10.40	10.52	11.04	11.16	11.28	11.40	11.52	12.04	12.16	12.28	12.40	12.52	13.04	13.16	13.28	13.40	13.52	14.04	14.16	14.28	14.40	14.52	15.04	15.16	15.28	15.41	15.52	Arago
Général Renault	6.15	6.31	6.48	7.03	7.17	7.39	7.41	7.53	8.05	8.17	8.29	8.41	8.53	9.05	9.17	9.29	9.41	9.53	10.05	10.17	10.32	10.44	10.56	11.08	11.20	11.32	11.44	11.56	12.08	12.20	12.32	12.44	12.56	13.08	13.20	13.32	13.44	13.56	14.08	14.20	14.32	14.44	14.56	15.08	15.20	15.32	15.45	15.56	Général Renault
Suzanne Valadon	6.20	6.37	6.54	7.10	7.24	7.47	7.48	8.00	8.12	8.24	8.36	8.48	9.00	9.12	9.24	9.36	9.48	10.00	10.12	10.24	10.38	10.50	11.02	11.14	11.26	11.38	11.50	12.02	12.15	12.27	12.39	12.51	13.03	13.14	13.26	13.38	13.50	14.02	14.14	14.26	14.38	14.50	15.02	15.14	15.26	15.39	15.52	16.03	Suzanne Valadon
Fac 2 Lions	6.22	6.39	6.56	7.12	7.26	7.50	7.51	8.03	8.15	8.27	8.38	8.50	9.02	9.14	9.26	9.38	9.50	10.02	10.14	10.26	10.40	10.52	11.04	11.16	11.28	11.40	11.52	12.04	12.17	12.29	12.41	12.53	13.05	13.16	13.28	13.40	13.52	14.04	14.16	14.28	14.40	14.52	15.04	15.16	15.28	15.41	15.54	16.05	Fac 2 Lions
Arsonval	6.29	6.46	7.03	7.19	7.34	8.11	7.59	8.11	8.23	8.35	8.46	8.58	9.10	9.22	9.34	9.46	9.58	10.10	10.22	10.34	10.48	11.00	11.12	11.24	11.36	11.48	12.00	12.12	12.25	12.37	12.49	13.01	13.13	13.24	13.36	13.48	14.00	14.12	14.24	14.36	14.48	15.00	15.12	15.24	15.36	15.49	16.02	16.13	Arsonval
Parc Grandmont	6.31	6.48	7.05	7.21	7.37	8.14	8.02	8.14	8.26	8.37	8.48	9.00	9.12	9.24	9.36	9.48	10.00	10.12	10.24	10.36	10.50	11.02	11.14	11.26	11.38	11.50	12.02	12.15	12.28	12.40	12.52	13.04	13.16	13.27	13.39	13.51	14.03	14.15	14.27	14.39	14.51	15.03	15.15	15.27	15.39	15.52	16.05	16.16	Parc Grandmont

St Pierre Gare	15.40	15.53	16.02	16.14	16.24	16.36	16.48	16.59	17.11	17.23	17.36	17.47	17.59	18.11	18.21	18.36	18.53	19.10	19.23	19.37	19.53	20.16	20.43	21.13	21.45	-	22.19	-	23.18	-	St Pierre Gare
Grand Mail	15.46	15.59	16.08	16.20	16.30	16.42	16.54	17.05	17.17	17.29	17.42	17.53	18.05	18.17	18.27	18.42	18.59	19.16	19.29	19.42	19.58	20.21	20.48	21.18	21.50	-	22.24	-	23.23	-	Grand Mail
La Madeleine	15.49	16.02	16.11	16.23	16.33	16.45	16.57	17.08	17.20	17.32	17.45	17.56	18.08	18.20	18.30	18.45	19.01	19.18	19.31	19.44	20.00	20.23	20.50	21.20	21.52	-	22.26	-	23.25	-	La Madeleine
Gare Vinci	15.56	16.09	16.18	16.30	16.42	16.54	17.06	17.18	17.30	17.42	17.55	18.06	18.17	18.29	18.39	18.53	19.09	19.25	19.38	19.51	20.06	20.29	20.56	21.26	21.58	→ 22.05	22.32	→ 23.05	23.31	→ 0.08	Gare Vinci
Jean Jaurès	15.59	16.12	16.21	16.33	16.45	16.57	17.09	17.21	17.33	17.45	17.58	18.09	18.20	18.31	18.41	18.55	19.11	19.27	19.40	19.53	20.08	20.31	20.58	21.28	-	22.07	-	23.07	-	0.10	Jean Jaurès
Arago	16.04	16.17	16.26	16.38	16.50	17.02	17.14	17.26	17.38	17.50	18.03	18.14	18.25	18.36	18.46	19.00	19.16	19.32	19.45	19.58	20.12	20.35	21.02	21.32	-	22.11	-	23.11	-	0.14	Arago
Général Renault	16.08	16.21	16.30	16.42	16.54	17.06	17.18	17.30	17.42	17.54	18.07	18.18	18.29	18.40	18.50	19.04	19.20	19.36	19.49	20.02	20.15	20.38	21.05	21.35	-	22.14	-	23.14	-	0.17	Général Renault
Suzanne Valadon	16.15	16.28	16.37	16.49	17.01	17.13	17.25	17.37	17.49	18.01	18.14	18.25	18.36	18.47	18.57	19.10	19.26	19.42	19.55	20.08	20.21	20.44	21.10	21.40	-	22.19	-	23.19	-	0.22	Suzanne Valadon
Fac 2 Lions	16.17	16.30	16.40	16.52	17.04	17.16	17.28	17.40	17.52	18.04	18.17	18.28	18.38	18.49	18.59	19.12	19.28	19.44	19.57	20.10	20.23	20.46	21.12	21.42	-	22.21	-	23.21	-	0.24	Fac 2 Lions
Arsonval	16.25	16.38	16.48	17.00	17.13	17.25	17.37	17.49	18.01	18.13	18.26	18.37	18.46	18.57	19.07	19.20	19.36	19.52	20.05	20.18	20.31	20.54	21.20	21.50	-	22.29	-	23.29	-	0.32	Arsonval
Parc Grandmont	16.28	16.41	16.51	17.03	17.16	17.28	17.40	17.52	18.04	18.16	18.29	18.40	18.49	19.00	19.09	19.22	19.38	19.54	20.07	20.20	20.33	20.56	21.22	21.52	-	22.31	-	23.31	-	0.34	Parc Grandmont

Samedi - Saturday

St Pierre Gare	5.57	6.17	6.37	6.57	7.16	7.32	7.52	8.12	8.34	8.54	9.09	9.27	9.42	9.57	10.12	10.22	10.37	10.52	11.07	11.22	11.37	11.52	12.07	12.22	12.39	12.55	13.10	13.25	13.40	13.55	14.10	14.25	14.40	14.55	15.10	15.25	St Pierre Gare
Grand Mail	6.02	6.22	6.42	7.02	7.21	7.37	7.57	8.18	8.40	9.00	9.15	9.33	9.48	10.04	10.19	10.29	10.44	10.59	11.14	11.29	11.44	11.59	12.14	12.29	12.46	13.02	13.17	13.32	13.47	14.02	14.16	14.31	14.46	15.01	15.16	15.31	Grand Mail
La Madeleine	6.04	6.24	6.44	7.04	7.23	7.39	7.59	8.20	8.43	9.03	9.18	9.36	9.51	10.07	10.22	10.32	10.47	11.02	11.17	11.32	11.47	12.02	12.17	12.32	12.49	13.05	13.20	13.35	13.50	14.05	14.19	14.34	14.49	15.04	15.19	15.34	La Madeleine
Gare Vinci	6.10	6.30	6.50	7.10	7.29	7.45	8.05	8.26	8.49	9.09	9.24	9.43	9.58	10.14	10.29	10.39	10.54	11.09	11.24	11.39	11.54	12.09	12.24	12.39	12.56	13.12	13.27	13.42	13.57	14.12	14.26	14.41	14.56	15.11	15.26	15.41	Gare Vinci
Jean Jaurès	6.11	6.31	6.51	7.12	7.31	7.47	8.07	8.28	8.51	9.11	9.26	9.45	10.00	10.16	10.31	10.41	10.56	11.11	11.26	11.41	11.56	12.11	12.26	12.41	12.58	13.14	13.29	13.44	13.59	14.14	14.28	14.43	14.58	15.13	15.28	15.43	Jean Jaurès
Arago	6.14	6.34	6.54	7.15	7.34	7.50	8.11	8.32	8.55	9.15	9.30	9.49	10.04	10.20	10.35	10.45	11.00	11.15	11.30	11.45	12.00	12.15	12.30	12.45	13.02	13.18	13.33	13.48	14.04	14.19	14.33	14.48	15.03	15.18	15.33	15.48	Arago
Général Renault	6.17	6.37	6.57	7.18	7.37	7.53	8.14	8.35	8.58	9.18	9.33	9.52	10.07	10.23	10.38	10.48	11.04	11.19	11.34	11.49	12.04	12.19	12.33	12.48	13.05	13.21	13.36	13.51	14.07	14.22	14.36	14.51	15.06	15.21	15.36	15.51	Général Renault
Suzanne Valadon	6.21	6.41	7.01	7.22	7.41	7.57	8.18	8.39	9.02	9.23	9.38	9.57	10.12	10.28	10.43	10.53	11.09	11.24	11.39	11.54	12.09	12.24	12.38	12.53	13.11	13.27	13.42	13.57	14.13	14.28	14.42	14.57	15.12	15.27	15.42	15.57	Suzanne Valadon
Fac 2 Lions	6.22	6.42	7.03	7.24	7.43	7.59	8.20	8.41	9.04	9.25	9.40	9.59	10.14	10.30	10.45	10.55	11.11	11.26	11.41	11.56	12.11	12.26	12.40	12.55	13.13	13.29	13.44	13.59	14.15	14.30	14.44	14.59	15.14	15.29	15.44	15.59	Fac 2 Lions
Arsonval	6.29	6.49	7.10																																		

**5**

direction SAINT PIERRE DES CORPS

St Pierre Gare

Lundi au Vendredi - Monday to Friday

Parc Grandmont	5.44	6.11	6.31	6.42	6.53	7.03	7.12	7.21	7.33	7.45	7.57	8.09	8.21	8.35	8.48	9.00	9.11	9.23	9.35	9.47	9.59	10.11	10.23	10.35	10.47	10.59	11.11	11.23	11.35	11.46	11.58	12.10	12.22	12.35	12.47	12.59	13.11	13.23	13.34	13.46	13.58	14.10	14.22	14.34	14.46	14.58	15.10	15.22	15.34	15.46	15.58	16.10	16.22	16.34	16.46	16.58	17.10	17.22	17.34	17.46	17.58	18.10	18.22	18.34	18.46	18.58	19.10	19.22	19.34	19.46	19.58	20.10	20.22	20.34	20.46	20.58	21.10	21.22	21.34	21.46	21.58	22.10	22.22	22.34	22.46	22.58	23.10	23.22	23.34	23.46	23.58	24.10	24.22	24.34	24.46	24.58	25.10	25.22	25.34	25.46	25.58	26.10	26.22	26.34	26.46	26.58	27.10	27.22	27.34	27.46	27.58	28.10	28.22	28.34	28.46	28.58	29.10	29.22	29.34	29.46	29.58	30.10	30.22	30.34	30.46	30.58	31.10	31.22	31.34	31.46	31.58	32.10	32.22	32.34	32.46	32.58	33.10	33.22	33.34	33.46	33.58	34.10	34.22	34.34	34.46	34.58	35.10	35.22	35.34	35.46	35.58	36.10	36.22	36.34	36.46	36.58	37.10	37.22	37.34	37.46	37.58	38.10	38.22	38.34	38.46	38.58	39.10	39.22	39.34	39.46	39.58	40.10	40.22	40.34	40.46	40.58	41.10	41.22	41.34	41.46	41.58	42.10	42.22	42.34	42.46	42.58	43.10	43.22	43.34	43.46	43.58	44.10	44.22	44.34	44.46	44.58	45.10	45.22	45.34	45.46	45.58	46.10	46.22	46.34	46.46	46.58	47.10	47.22	47.34	47.46	47.58	48.10	48.22	48.34	48.46	48.58	49.10	49.22	49.34	49.46	49.58	50.10	50.22	50.34	50.46	50.58	51.10	51.22	51.34	51.46	51.58	52.10	52.22	52.34	52.46	52.58	53.10	53.22	53.34	53.46	53.58	54.10	54.22	54.34	54.46	54.58	55.10	55.22	55.34	55.46	55.58	56.10	56.22	56.34	56.46	56.58	57.10	57.22	57.34	57.46	57.58	58.10	58.22	58.34	58.46	58.58	59.10	59.22	59.34	59.46	59.58	60.10	60.22	60.34	60.46	60.58	61.10	61.22	61.34	61.46	61.58	62.10	62.22	62.34	62.46	62.58	63.10	63.22	63.34	63.46	63.58	64.10	64.22	64.34	64.46	64.58	65.10	65.22	65.34	65.46	65.58	66.10	66.22	66.34	66.46	66.58	67.10	67.22	67.34	67.46	67.58	68.10	68.22	68.34	68.46	68.58	69.10	69.22	69.34	69.46	69.58	70.10	70.22	70.34	70.46	70.58	71.10	71.22	71.34	71.46	71.58	72.10	72.22	72.34	72.46	72.58	73.10	73.22	73.34	73.46	73.58	74.10	74.22	74.34	74.46	74.58	75.10	75.22	75.34	75.46	75.58	76.10	76.22	76.34	76.46	76.58	77.10	77.22	77.34	77.46	77.58	78.10	78.22	78.34	78.46	78.58	79.10	79.22	79.34	79.46	79.58	80.10	80.22	80.34	80.46	80.58	81.10	81.22	81.34	81.46	81.58	82.10	82.22	82.34	82.46	82.58	83.10	83.22	83.34	83.46	83.58	84.10	84.22	84.34	84.46	84.58	85.10	85.22	85.34	85.46	85.58	86.10	86.22	86.34	86.46	86.58	87.10	87.22	87.34	87.46	87.58	88.10	88.22	88.34	88.46	88.58	89.10	89.22	89.34	89.46	89.58	90.10	90.22	90.34	90.46	90.58	91.10	91.22	91.34	91.46	91.58	92.10	92.22	92.34	92.46	92.58	93.10	93.22	93.34	93.46	93.58	94.10	94.22	94.34	94.46	94.58	95.10	95.22	95.34	95.46	95.58	96.10	96.22	96.34	96.46	96.58	97.10	97.22	97.34	97.46	97.58	98.10	98.22	98.34	98.46	98.58	99.10	99.22	99.34	99.46	99.58	100.10	100.22	100.34	100.46	100.58	101.10	101.22	101.34	101.46	101.58	102.10	102.22	102.34	102.46	102.58	103.10	103.22	103.34	103.46	103.58	104.10	104.22	104.34	104.46	104.58	105.10	105.22	105.34	105.46	105.58	106.10	106.22	106.34	106.46	106.58	107.10	107.22	107.34	107.46	107.58	108.10	108.22	108.34	108.46	108.58	109.10	109.22	109.34	109.46	109.58	110.10	110.22	110.34	110.46	110.58	111.10	111.22	111.34	111.46	111.58	112.10	112.22	112.34	112.46	112.58	113.10	113.22	113.34	113.46	113.58	114.10	114.22	114.34	114.46	114.58	115.10	115.22	115.34	115.46	115.58	116.10	116.22	116.34	116.46	116.58	117.10	117.22	117.34	117.46	117.58	118.10	118.22	118.34	118.46	118.58	119.10	119.22	119.34	119.46	119.58	120.10	120.22	120.34	120.46	120.58	121.10	121.22	121.34	121.46	121.58	122.10	122.22	122.34	122.46	122.58	123.10	123.22	123.34	123.46	123.58	124.10	124.22	124.34	124.46	124.58	125.10	125.22	125.34	125.46	125.58	126.10	126.22	126.34	126.46	126.58	127.10	127.22	127.34	127.46	127.58	128.10	128.22	128.34	128.46	128.58	129.10	129.22	129.34	129.46	129.58	130.10	130.22	130.34	130.46	130.58	131.10	131.22	131.34	131.46	131.58	132.10	132.22	132.34	132.46	132.58	133.10	133.22	133.34	133.46	133.58	134.10	134.22	134.34	134.46	134.58	135.10	135.22	135.34	135.46	135.58	136.10	136.22	136.34	136.46	136.58	137.10	137.22	137.34	137.46	137.58	138.10	138.22	138.34	138.46	138.58	139.10	139.22	139.34	139.46	139.58	140.10	140.22	140.34	140.46	140.58	141.10	141.22	141.34	141.46	141.58	142.10	142.22	142.34	142.46	142.58	143.10	143.22	143.34	143.46	143.58	144.10	144.22	144.34	144.46	144.58	145.10	145.22	145.34	145.46	145.58	146.10	146.22	146.34	146.46	146.58	147.10	147.22	147.34	147.46	147.58	148.10	148.22	148.34	148.46	148.58	149.10	149.22	149.34	149.46	149.58	150.10	150.22	150.34	150.46	150.58	151.10	151.22	151.34	151.46	151.58	152.10	152.22	152.34	152.46	152.58	153.10	153.22	153.34	153.46	153.58	154.10	154.22	154.34	154.46	154.58	155.10	155.22	155.34	155.46	155.58	156.10	156.22	156.34	156.46	156.58	157.10	157.22	157.34	157.46	157.58	158.10	158.22	158.34	158.46	158.58	159.10	159.22	159.34	159.46	159.58	160.10	160.22	160.34	160.46	160.58	161.10	161.22	161.34	161.46	161.58	162.10	162.22	162.34	162.46	162.58	163.10	163.22	163.34	163.46	163.58	164.10	164.22	164.34	164.46	164.58	165.10	165.22	165.34	165.46	165.58	166.10	166.22	166.34	166.46	166.58	167.10	167.22	167.34	167.46	167.58	168.10	168.22	168.34	168.46	168.58	169.10	169.22	169.34	169.46	169.58	170.10	170.22	170.34	170.46	170.58	171.10	171.22	171.34	171.46	171.58	172.10	172.22	172.34	172.46	172.58	173.10	173.22	173.34	173.46	173.58	174.10	174.22	174.34	174.46	174.58	175.10	175.22	175.34	175.46	175.58	176.10	176.22	176.34	176.46	176.58	177.10	177.22	177.34	177.46	177.58	178.10	178.22	178.34	178.46	178.58	179.10	179.22	179.34	179.46	179.58	180.10	180.22	180.34	180.46	180.58	181.10	181.22	181.34	181.46	181.58	182.10	182.22	182.34	182.46	182.58	183.10	183.22	183.34	183.46	183.58	184.10	184.22	184.34	184.46	184.58	185.10	185.22	185.34	185.46	185.58	186.10	186.22	186.34	186.46	186.58	187.10	187.22	187.34	187.46	187.58	188.10	188.22	188.34	188.46	188.58	189.10	189.22	189.34	189.46	189.58	190.10	190.22	190.34	190.46	190.58	191.10	191.22	191.34	191.46	191.58	192.10	192.22	192.34	192.46	192.58	193.10	193.22	193.34	193.46	193.58	194.10	194.22	194.34	194.46	194.58	195.10	195.22	195.34	195.46	195.58	196.10	196.22	196.34	196.46	196.58	197.10	197.22	197.34	197.46	197.58	198.10	198.22	198.34	198.46	198.58	199.10	199.22	199.34	199.46	199.58	200.10	200.22	200.34	200.46	200.58	201.10	201.22	201.34	201.46	201.58	202.10	202.22	202.34	202.46	202.58	203.10	203.22	203.34	203.46	203.58	204.10	204.22	204.34	204.46	204.58	205.10	205.22	205.34	205.46	205.58	206.10	206.22	206.34	206.46	206.58	207.10	207.22	207.34	207.46	207.58	208.10	208.22	208.34	208.46	208.58	209.10	209.22	209.34	209.46	209.58	210.10	210.22	210.34	210.46	210.58	211.10	211.22	211.34	211.46	211.58	212.10	212.22	212.34	212.46	212.58	213.10	213.22	213.34	213.46	213.58	214.10	214.22	214.34	214.46	214.58	215.10	215.22	215.34	215.46	215.58	216.10	216.22	216.34	216.46	216.58	217.10	217.22	217.34	217.46	217.58	218.10	218.22	218.34	218.46	218.58	219.10	219.22	219.34	219.46	219.58	220.10	220.22	220.34	220.46	220.58	221.10	221.22	221.34	221.46	221.58	222.10	222.22	222.34	222.46	222.58	223.10	223.22	223.34	223.46	223.58	224.10	224.22	224.34	224.46	224.58	225.10	225.22	225.34	225.46	225.58	226.10	226.22	226.34	226.46	226.58	227.10	227.22	227.34	227.46	227.58	228.10	228.22	228.34	228.46	228.58	229.10	229.22	229.34	229.46	229.58	230.10	230.22	230.34	230.46	230.58	231.10	231.22	231.34	231.46	231.58	232.10	232.22	232.34	232.46	232.58	233.10	233.22	233.34	233.46	233.58	234.10	234.22	234.34	234.46	234.58	235.10	235.22	235.34	235.46	23
----------------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	----