

Centrale di Tavazzano - Montanaso

Carico termico annuale sul corpo idrico ricevente 2019

Mese	Totale Mod5(GJ)	Totale Mod6(GJ)	Totale Mod8(GJ)	Totale Centrale
01/2019	652735	196810	0	849545
02/2019	338398	269252	0	607650
03/2019	512634	163728	0	676362
04/2019	772157	41107	0	813265
05/2019	682919	0	0	682919
06/2019	505494	0	0	505494
07/2019	721341	0	0	721341
08/2019	644080	113765	0	757846
09/2019	709142	293411	0	1002554
10/2019	389193	394022	0	783216
11/2019	784821	104689	0	889510
12/2019	696374	53252	0	749627

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Gennaio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/01/2019	24	4186.8	860720000	0.9998	860587817	8	13.2	5.2	19406919
02/01/2019	24	4186.8	1027936000	0.9998	1027812647	7.7	13.4	5.6	24930039
03/01/2019	0								
04/01/2019	0								
05/01/2019	0								
06/01/2019	10	4186.8	296058000	0.9998	296023554	7.1	12.5	5.3	6571503
07/01/2019	23	4186.8	1072149000	0.9998	1072002022	7.7	14	6.2	28476067
08/01/2019	18	4186.8	833383000	0.9998	833232991	8.5	14.1	5.6	19885376
09/01/2019	17	4186.8	787390000	0.9998	787259498	8.4	14.6	6.2	20747460
10/01/2019	18	4186.8	811041000	0.9998	810914557	8.2	14.1	5.8	20386155
11/01/2019	18	4186.8	853739000	0.9998	853608120	7.9	14.3	6.4	22927894
12/01/2019	0								
13/01/2019	0								
14/01/2019	19	4186.8	883336000	0.9998	883215654	7.8	13.9	6	22461575

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/01/2019	24	4186.8	1038015000	0.9998	1037847825	8.2	14.1	5.8	25563646
16/01/2019	24	4186.8	1004341000	0.9998	1004167388	8.3	14.2	5.8	24663361
17/01/2019	24	4186.8	1027730000	0.9997	1027496756	8.9	14.8	5.8	25460116
18/01/2019	24	4186.8	952859000	0.9997	952648075	8.9	14.7	5.8	23282704
19/01/2019	24	4186.8	1096593000	0.9997	1096351758	8.8	15.8	6.9	31840976
20/01/2019	24	4186.8	1123241000	0.9998	1123053006	8.4	14.7	6.3	29737320
21/01/2019	24	4186.8	1118204000	0.9998	1118033937	7.9	14.2	6.3	29617563
22/01/2019	24	4186.8	1024263000	0.9998	1024149420	7.3	13.9	6.6	28667460
23/01/2019	24	4186.8	1007255000	0.9999	1007158662	6.8	13.3	6.4	27734834
24/01/2019	18	4186.8	810601000	0.9998	810513100	7.2	13.5	6.3	21941068
25/01/2019	19	4186.8	836230000	0.9999	836163101	6.5	13.1	6.6	23209501
26/01/2019	24	4186.8	989001000	0.9999	988924557	6.2	13.2	7	29385995
27/01/2019	17	4186.8	758325867	0.9999	758265201	6.2	12.7	6.5	20889047
28/01/2019	17	4186.8	781692000	0.9998	781587363	7.5	14.8	7.2	23780576
29/01/2019	24	4186.8	1119209000	0.9998	1119094789	7.1	14	6.9	32513581
30/01/2019	24	4186.8	1127224000	0.9998	1127095779	7.2	13.3	6.1	28944594
31/01/2019	20	4186.8	896946000	0.9998	896819254	7.7	13.8	6.1	23652596
Totale/Media	550	4186.8	24137481867	0.9998	24134026846	7.7	13.9	6.2	636677938

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Febbraio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/02/2019	23	4186.8	969443957	0.9998	969303280	7.8	13.8	6	24930100
02/02/2019	24	4186.8	1003286000	0.9998	1003188674	6.9	12.2	5.1	21802140
03/02/2019	24	4186.8	853258000	0.9999	853189739	6.5	11.6	5.1	19397152
04/02/2019	21	4186.8	1005836910	0.9998	1005693670	7.7	14.3	6.5	27657381
05/02/2019	23	4186.8	950158000	0.9998	950007466	8.1	14.4	6.2	25116667
06/02/2019	24	4186.8	1008109703	0.9998	1007976814	7.7	13.7	6	25875933
07/02/2019	24	4186.8	1068530000	0.9999	1068435890	6.8	12.5	5.6	25350756
08/02/2019	23	4186.8	1065961101	0.9999	1065859371	7	13.3	6.3	28514969
09/02/2019	0								
10/02/2019	0								
11/02/2019	0								
12/02/2019	15	4186.8	413927000	0.9998	413883647	7.1	13.3	6.1	10720197
13/02/2019	8	4186.8	220809000	0.9998	220782502	7.4	12.9	5.4	5020375
14/02/2019	20	4186.8	575270000	0.9998	575210099	7.1	12.6	5.4	13211498

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/02/2019	1	4186.8	28852000	0.9998	28848537	7.2	8.6	1.3	165472
16/02/2019	0								
17/02/2019	0								
18/02/2019	19	4186.8	525803000	0.9997	525696011	8.6	14.1	5.4	12214806
19/02/2019	13	4186.8	345540000	0.9997	345452132	9.4	14.9	5.4	7913391
20/02/2019	18	4186.8	505326000	0.9998	505243305	8.2	13.9	5.6	12050428
21/02/2019	24	4186.8	682378000	0.9998	682279048	7.9	14	6.1	17475312
22/02/2019	23	4186.8	693671000	0.9998	693559586	8.2	13.7	5.4	16012345
23/02/2019	0								
24/02/2019	0								
25/02/2019	20	4186.8	571695000	0.9998	571584371	8.4	14.1	5.7	13768002
26/02/2019	1	4186.8	28338000	0.9997	28330632	9.6	11.6	1.9	231298
27/02/2019	19	4186.8	555020000	0.9996	554845123	10	15.2	5.1	12130159
28/02/2019	18	4186.8	511280000	0.9996	511106394	10.2	15.8	5.5	11930380
Totale/Media	385	4186.8	13582492671	0.9998	13580476303	8	13.4	5.3	331488770

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Marzo 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/03/2019	0								
02/03/2019	0								
03/03/2019	0								
04/03/2019	0								
05/03/2019	8	4186.8	226197000	0.9996	226123154	10	15.8	5.8	5591861
06/03/2019	0								
07/03/2019	0								
08/03/2019	0								
09/03/2019	0								
10/03/2019	0								
11/03/2019	15	4186.8	626870000	0.9997	626707013	9.5	14.3	4.7	12044389
12/03/2019	24	4186.8	693393000	0.9997	693210363	9.5	15.7	6.2	18083664
13/03/2019	24	4186.8	726878000	0.9996	726630280	10.2	16	5.7	17342394
14/03/2019	24	4186.8	990212000	0.9996	989837451	10.6	17.3	6.7	28071806

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/03/2019	24	4186.8	1058572000	0.9995	1058139087	10.9	17.7	6.7	30057484
16/03/2019	24	4186.8	1049221000	0.9995	1048787900	10.9	17.2	6.2	27918337
17/03/2019	11	4186.8	531297000	0.9997	531145803	9.8	16.6	6.7	15089591
18/03/2019	0								
19/03/2019	19	4186.8	899024000	0.9995	898577760	11.8	18.8	7	26451602
20/03/2019	24	4186.8	1132376000	0.9995	1131880312	11.3	17.6	6.2	29755184
21/03/2019	18	4186.8	751144000	0.9996	750878688	10.5	13.4	2.8	9020490
22/03/2019	18	4186.8	532341000	0.9996	532142330	10.5	14.9	4.3	9696971
23/03/2019	17	4186.8	676510000	0.9995	676232698	11	16.2	5.1	15004945
24/03/2019	24	4186.8	1077923000	0.9995	1077470066	11	16.6	5.5	25366033
25/03/2019	22	4186.8	1037910000	0.9995	1037440088	11.4	17.2	5.7	25060115
26/03/2019	24	4186.8	1143203000	0.9995	1142720638	11.2	17.8	6.6	31716769
27/03/2019	24	4186.8	1134610000	0.9995	1134132180	11.2	17.5	6.3	30175130
28/03/2019	24	4186.8	1106594000	0.9995	1106128058	11.2	18.1	6.9	31993127
29/03/2019	24	4186.8	1104321000	0.9995	1103788956	11.9	18.8	6.9	32070966
30/03/2019	24	4186.8	1074352000	0.9995	1073835667	11.7	17.7	6	27422112
31/03/2019	24	4186.8	1035800000	0.9994	1035273100	11.9	17.6	5.6	24209599
Totale/Media	440	4186.8	18608748000	0.9996	18601081603	10.9	16.8	5.9	472142579

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Aprile 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/04/2019	24	4186.8	1050025000	0.9993	1049394347	12.7	19.3	6.5	29442556
02/04/2019	24	4186.8	869189000	0.999	868374225	15.2	22	6.7	24943470
03/04/2019	24	4186.8	1072392000	0.9994	1071758193	12.6	19.6	7	31538975
04/04/2019	24	4186.8	1104756000	0.9995	1104258859	11.4	18.2	6.8	31545948
05/04/2019	24	4186.8	1113426000	0.9996	1112994576	10.8	17.8	6.9	32560680
06/04/2019	24	4186.8	1105233000	0.9995	1104786701	11	17.1	6.1	28367575
07/04/2019	24	4186.8	1000770000	0.9995	1000370938	10.9	16.8	5.8	24804905
08/04/2019	24	4186.8	1105591000	0.9995	1105108952	11.3	17.5	6.2	28849052
09/04/2019	24	4186.8	1100500000	0.9993	1099799110	12.9	19.6	6.6	30644761
10/04/2019	24	4186.8	1133052000	0.9991	1132045440	14.8	21.2	6.3	30258069
11/04/2019	24	4186.8	1178460000	0.9991	1177416926	14.8	21.5	6.6	32725509
12/04/2019	24	4186.8	1148899000	0.9992	1148018448	14	20.4	6.3	30451294
13/04/2019	24	4186.8	1141710000	0.9994	1141033535	12.7	19.8	7	33625017
14/04/2019	24	4186.8	1037485000	0.9995	1037041979	11.2	17.5	6.2	27418920

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/04/2019	24	4186.8	1175441000	0.9995	1174891124	11.6	17.8	6.2	30804021
16/04/2019	24	4186.8	1140346000	0.9993	1139651110	12.9	20	7.1	33986345
17/04/2019	22	4186.8	1029283480	0.9992	1028472696	14.1	21	6.8	29557158
18/04/2019	14	4186.8	636800457	0.9989	636147117	15.6	22.4	6.7	18077418
19/04/2019	24	4186.8	1086378937	0.9989	1085256209	15.7	22.4	6.6	30281416
20/04/2019	17	4186.8	709988824	0.999	709281545	15.5	21.3	5.7	17331755
21/04/2019	0								
22/04/2019	0								
23/04/2019	15	4186.8	716126117	0.9993	715631990	13.2	19.3	6	18282083
24/04/2019	24	4186.8	1120472687	0.9993	1119748041	13.1	18.1	4.9	23373404
25/04/2019	24	4186.8	1093728710	0.9994	1093116222	12.2	17.5	5.2	23930356
26/04/2019	5	4186.8	173861878	0.9994	173764516	12.1	17	4.8	3505368
27/04/2019	24	4186.8	1056825000	0.9993	1056185938	12.7	16.6	3.8	17087793
28/04/2019	24	4186.8	830607000	0.9994	830123668	12.8	17.7	4.8	15870059
29/04/2019	24	4186.8	1048718000	0.9994	1048119065	12.5	19.2	6.7	29741875
30/04/2019	24	4186.8	1119780000	0.9994	1119150938	12.5	19.3	6.8	32041899
Totale/Media	625	4186.8	28099846093	0.9993	28081942419	13	19.2	6.2	741047694

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Maggio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/05/2019	24	4186.8	996359000	0.9993	995734037	13	19.4	6.4	27129462
02/05/2019	24	4186.8	1076305000	0.9993	1075563402	13.4	19.3	5.8	26959793
03/05/2019	24	4186.8	1115585000	0.9993	1114869700	13.1	19.5	6.4	30045189
04/05/2019	24	4186.8	1099552000	0.9993	1098833692	13.2	19.7	6.4	29701055
05/05/2019	8	4186.8	269694941	0.9994	269540082	12.6	17.6	4.9	5544516
06/05/2019	2	4186.8	95099449	0.9994	95046193	12.2	17.8	5.5	2218599
07/05/2019	9	4186.8	257640263	0.9994	257488145	12.7	17.3	4.5	4886901
08/05/2019	20	4186.8	922009312	0.9994	921508125	12.4	19.1	6.7	25863539
09/05/2019	7	4186.8	321272851	0.9995	321128278	11.7	17.4	5.7	7719400
10/05/2019	15	4186.8	413802000	0.9992	413493211	13.8	19.6	5.8	10061715
11/05/2019	0								
12/05/2019	0								
13/05/2019	21	4186.8	983719000	0.9993	983125361	12.7	19.2	6.4	26763262
14/05/2019	21	4186.8	633437000	0.9993	633038448	12.9	17.9	4.9	13154493

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/05/2019	0								
16/05/2019	0								
17/05/2019	0								
18/05/2019	23	4186.8	1021686000	0.9994	1021101683	12.8	18.9	6.1	26816854
19/05/2019	24	4186.8	1003738000	0.9994	1003145274	12.6	18.7	6.1	26250211
20/05/2019	10	4186.8	389449992	0.9994	389231900	12.5	18.7	6.1	10292490
21/05/2019	1	4186.8	46718519	0.9994	46692357	12.3	19.7	7.2	1425133
22/05/2019	16	4186.8	756049000	0.9991	755418852	14.4	20.5	6	19096001
23/05/2019	24	4186.8	1125830000	0.9991	1124872051	14.6	20.9	6.3	29985531
24/05/2019	24	4186.8	1124294000	0.9991	1123337092	14.6	20.5	5.8	27703371
25/05/2019	24	4186.8	1126782000	0.9991	1125819290	14.5	20.5	5.9	28182133
26/05/2019	24	4186.8	695666000	0.9992	695117123	14.3	19.4	5	14833661
27/05/2019	24	4186.8	1074981800	0.9991	1074089565	14.1	20.3	6.2	28493885
28/05/2019	24	4186.8	1139832000	0.9992	1138979232	13.9	19.9	6	28703231
29/05/2019	24	4186.8	1050722800	0.9992	1049919011	14	20.7	6.6	29763801
30/05/2019	23	4186.8	1050387300	0.9991	1049505522	14.7	19.5	4.8	21575496
31/05/2019	7	4186.8	201766000	0.9991	201594225	14.5	19.9	5.3	4554864
Totale/Media	471	4186.8	19992379232	0.9993	19978191861	13.4	19.3	5.9	507724599

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Giugno 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/06/2019	0								
02/06/2019	0								
03/06/2019	20	4186.8	955797679	0.9988	954676042	16.7	22.5	5.8	23427500
04/06/2019	21	4186.8	992934289	0.9988	991755759	16.7	22.2	5.5	22910516
05/06/2019	17	4186.8	740134570	0.9987	739162153	17.3	23.1	5.9	18901421
06/06/2019	24	4186.8	1146038000	0.9987	1144610871	17.1	23.2	6	29034968
07/06/2019	21	4186.8	992383601	0.9987	991173659	16.8	22.2	5.4	22818139
08/06/2019	9	4186.8	416865000	0.9987	416319778	17.4	22.1	4.7	8646133
09/06/2019	24	4186.8	1162061000	0.9988	1160736250	16.4	22.4	6	29187608
10/06/2019	18	4186.8	855407929	0.9987	854372832	16.7	22.7	5.9	21159428
11/06/2019	0								
12/06/2019	17	4186.8	754605000	0.9985	753500941	18.2	24.4	6.1	19700010
13/06/2019	24	4186.8	1078959900	0.9987	1077579086	17.3	23.1	5.7	26285032
14/06/2019	24	4186.8	1063249500	0.9987	1061950352	16.8	21.9	5	22538543

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/06/2019	23	4186.8	668445000	0.9986	667536370	17.6	22.7	5.1	14363290
16/06/2019	0								
17/06/2019	12	4186.8	358215271	0.9983	357618269	19.3	24.7	5.3	8027675
18/06/2019	22	4186.8	1000927367	0.9982	999175298	19.8	26.3	6.4	27273434
19/06/2019	24	4186.8	1087169699	0.9982	1085217633	19.9	26.1	6.1	28459179
20/06/2019	21	4186.8	917251699	0.9981	915578059	20.1	25.2	5.1	20055824
21/06/2019	24	4186.8	1105240000	0.9982	1103333710	19.6	23.7	4	18732617
22/06/2019	0								
23/06/2019	0								
24/06/2019	21	4186.8	835407199	0.9979	833642883	21.3	26.9	5.5	20161678
25/06/2019	15	4186.8	573824103	0.9978	572551629	21.7	26.9	5.2	12924927
26/06/2019	24	4186.8	887775673	0.9978	885839722	21.6	27.1	5.5	20524857
27/06/2019	20	4186.8	759151410	0.9977	757448874	21.9	27	5.1	16643852
28/06/2019	11	4186.8	446602724	0.9977	445600589	21.9	26.8	4.9	9307364
29/06/2019	24	4186.8	688619671	0.9975	686962776	22.6	27.9	5.3	15409649
30/06/2019	0								
Totale/Media	460	4186.8	19487066291	0.9983	19456343547	18.9	24.4	5.5	456493653

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Luglio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/07/2019	21	4186.8	800551000	0.9979	798859893	21.4	26.2	4.8	16857969
02/07/2019	18	4186.8	862395000	0.9977	860475301	21.8	28.1	6.2	22592996
03/07/2019	22	4186.8	1042734023	0.9975	1040172532	22.9	29.2	6.3	27718889
04/07/2019	24	4186.8	1146085238	0.9974	1143132406	23.4	30.2	6.7	32423075
05/07/2019	24	4186.8	1147591660	0.9972	1144480114	24	31	7	33650240
06/07/2019	5	4186.8	153092000	0.9971	152658749	24.3	28.4	4	2645450
07/07/2019	0								
08/07/2019	21	4186.8	1016128085	0.9971	1013247634	24.4	30.7	6.2	26406049
09/07/2019	24	4186.8	1152578515	0.9971	1149277174	24.6	31.3	6.7	32322311
10/07/2019	20	4186.8	598987531	0.9972	597312809	24.4	29.5	5.1	12892232
11/07/2019	20	4186.8	589478152	0.9974	587957298	23.4	28.3	4.9	12144246
12/07/2019	20	4186.8	789674044	0.9976	787796001	22.5	28	5.4	18650525
13/07/2019	24	4186.8	1144394000	0.9975	1141617618	22.6	28.9	6.2	30018202
14/07/2019	20	4186.8	805379000	0.9975	803426460	22.6	27.9	5.2	18212591

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/07/2019	24	4186.8	1137186000	0.9977	1134601028	22.1	27.3	5.1	24681525
16/07/2019	24	4186.8	935457000	0.9975	933239764	22.8	28.5	5.7	22438028
17/07/2019	24	4186.8	1068848000	0.9974	1066153001	23.2	29.2	6	26932027
18/07/2019	23	4186.8	1111967000	0.9974	1109091940	23.4	29.6	6.1	28572400
19/07/2019	19	4186.8	900241000	0.9974	897935859	23.4	29.5	6	22819385
20/07/2019	24	4186.8	1140612000	0.9974	1137745687	23.1	29.4	6.2	29653717
21/07/2019	24	4186.8	1139052000	0.9975	1136208719	23.1	29.6	6.4	30821921
22/07/2019	24	4186.8	1134795000	0.9972	1131731040	23.9	30.7	6.7	32128860
23/07/2019	24	4186.8	1146416000	0.9972	1143290298	23.9	30.8	6.8	33005813
24/07/2019	24	4186.8	1150914000	0.9972	1147775688	24	30.9	6.9	33529442
25/07/2019	24	4186.8	1145402000	0.9972	1142290776	24.1	31.1	7	33712889
26/07/2019	24	4186.8	1144988000	0.9971	1141707332	24.5	31.1	6.5	31091109
27/07/2019	24	4186.8	1145202000	0.9972	1142068365	24.1	30.7	6.6	31607988
28/07/2019	24	4186.8	757771281	0.9974	755849940	23.3	28.6	5.3	16856447
29/07/2019	23	4186.8	922836175	0.9971	920197752	24.4	28.6	4.2	15818902
30/07/2019	13	4186.8	562485164	0.9969	560762760	25.4	28.7	3.3	7638744
31/07/2019	19	4186.8	767640955	0.997	765336675	25	29.4	4.4	13497150
Totale/Media	648	4186.8	28560881828	0.9973	28486400629	23.5	29.4	5.8	721341136

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Agosto 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/08/2019	15	4186.8	693569000	0.9971	691593534	24.6	27.7	3	8950918
02/08/2019	0								
03/08/2019	0								
04/08/2019	11	4186.8	346199000	0.9972	345254296	24	29.1	5	7212492
05/08/2019	24	4186.8	1154516000	0.9972	1151367315	24	30.5	6.5	31680903
06/08/2019	24	4186.8	1157405000	0.9971	1154114390	24.5	31	6.5	31782317
07/08/2019	23	4186.8	755222000	0.9974	753277976	23.4	28	4.5	13925636
08/08/2019	16	4186.8	480011000	0.9976	478883857	22.5	27.1	4.6	9250148
09/08/2019	4	4186.8	189518000	0.9972	189006394	23.9	27.7	3.8	3068076
10/08/2019	18	4186.8	873277000	0.9973	870953671	23.7	29.2	5.4	20214624
11/08/2019	0								
12/08/2019	0								
13/08/2019	1	4186.8	4030959	0.9969	4018504	25.1	26.5	1.3	23554
14/08/2019	8	4186.8	381072039	0.9972	380041965	23.9	28.2	4.3	6887425

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/08/2019	24	4186.8	1108497000	0.9974	1105688124	23.3	29.1	5.8	27274522
16/08/2019	24	4186.8	1134168000	0.9974	1131269824	23.3	29.8	6.4	30369535
17/08/2019	24	4186.8	1130155000	0.9974	1127244299	23.4	29.4	6	28515082
18/08/2019	24	4186.8	1027388000	0.9974	1024737505	23.5	29.8	6.3	27122068
19/08/2019	24	4186.8	952771000	0.9971	950061417	24.3	30	5.7	23032118
20/08/2019	24	4186.8	1129866000	0.9971	1126594035	24.7	31.1	6.4	30212956
21/08/2019	24	4186.8	1130195320	0.9971	1126982082	24.5	30.8	6.2	29694152
22/08/2019	24	4186.8	1120376410	0.9972	1117334116	24	30.2	6.2	29114821
23/08/2019	24	4186.8	1062770181	0.9973	1059913431	23.7	29.6	5.8	25977486
24/08/2019	24	4186.8	921659134	0.9974	919301032	23.5	29.2	5.6	21874186
25/08/2019	24	4186.8	1134877261	0.9974	1131931719	23.5	30.4	6.9	32731304
26/08/2019	24	4186.8	1134959609	0.9972	1131802693	24.1	31.5	7.3	34890064
27/08/2019	24	4186.8	1156500003	0.9971	1153223705	24.4	31.6	7.1	34655481
28/08/2019	24	4186.8	1143533171	0.9972	1140439636	24	30.8	6.8	32832817
29/08/2019	24	4186.8	1141577734	0.9972	1138463788	24	30.8	6.8	32609481
30/08/2019	24	4186.8	1143676000	0.9971	1140424499	24.5	31.8	7.3	35069401
31/08/2019	24	4186.8	1137813000	0.9972	1134675834	24.3	31.6	7.3	35109160
Totale/Media	552	4186.8	24745602827	0.9972	24678599653	23.9	29.7	5.7	644080741

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Settembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/09/2019	24	4186.8	1107313261	0.9973	1104412464	23.6	29.6	5.9	27809868
02/09/2019	24	4186.8	1125541468	0.9973	1122529652	23.7	30.8	7.1	33436116
03/09/2019	24	4186.8	1172246000	0.9973	1169194530	23.6	30.6	7	34476660
04/09/2019	24	4186.8	1150217000	0.9974	1147243928	23.4	30.2	6.7	32491729
05/09/2019	24	4186.8	1127448000	0.9975	1124658374	23	30.5	7.4	35084557
06/09/2019	24	4186.8	1114424000	0.9977	1111901425	22.1	29.6	7.4	34884362
07/09/2019	24	4186.8	1142195000	0.9979	1139826681	21.4	28.3	6.9	33098946
08/09/2019	24	4186.8	1065395000	0.998	1063316813	20.7	26	5.2	23438205
09/09/2019	21	4186.8	893137000	0.9982	891562325	19.7	25.3	5.5	21508736
10/09/2019	10	4186.8	273053332	0.9982	272579132	19.8	24.3	4.5	5240686
11/09/2019	21	4186.8	704346587	0.998	702953479	20.7	25.6	4.9	14859781
12/09/2019	19	4186.8	653070195	0.9979	651742710	20.9	25.8	4.9	13594360
13/09/2019	18	4186.8	552867552	0.9978	551700380	21.4	25.9	4.4	10329821
14/09/2019	8	4186.8	383782230	0.9977	382935249	21.7	28.1	6.4	10255583

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/09/2019	24	4186.8	1171334222	0.9979	1168957992	21.1	27.3	6.2	30357742
16/09/2019	24	4186.8	1129571773	0.9978	1127109272	21.8	28.5	6.7	31971058
17/09/2019	20	4186.8	953570902	0.9976	951341545	22.5	28.8	6.3	25443141
18/09/2019	19	4186.8	899908000	0.9977	897848141	22.4	28.7	6.3	23931083
19/09/2019	19	4186.8	883785000	0.9978	881857229	21.7	28.1	6.4	23958107
20/09/2019	19	4186.8	556841000	0.998	555744340	20.5	26.7	6.1	14260795
21/09/2019	0								
22/09/2019	0								
23/09/2019	11	4186.8	324578158	0.9983	324026375	19.7	24.2	4.5	6278648
24/09/2019	20	4186.8	971990785	0.9983	970387398	19.3	25.9	6.6	26848029
25/09/2019	24	4186.8	1136682000	0.9983	1134749789	19.4	26.7	7.2	34678818
26/09/2019	24	4186.8	1129918000	0.9982	1127978131	19.5	26.8	7.2	34451876
27/09/2019	24	4186.8	1137948000	0.9982	1135975457	19.6	26.9	7.2	34456249
28/09/2019	24	4186.8	1134878000	0.9982	1132892076	19.7	27	7.2	34587949
29/09/2019	24	4186.8	1133734949	0.9982	1131731556	19.7	25.5	5.8	27702368
30/09/2019	24	4186.8	1137780789	0.9981	1135700639	20	26.3	6.2	29707617
Totale/Media	589	4186.8	26167558208	0.9979	26112857098	21.2	27.4	6.2	709142903

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Ottobre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/10/2019	24	4186.8	1134412902	0.9981	1132333158	20.2	27.5	7.3	34736872
02/10/2019	21	4186.8	982268539	0.9981	980426790	20.4	27.2	6.8	28073280
03/10/2019	24	4186.8	1142218000	0.9982	1140247650	19.6	26.7	7.1	34018110
04/10/2019	24	4186.8	1140720000	0.9984	1138980424	18.6	25.5	6.9	32933438
05/10/2019	24	4186.8	1113338000	0.9985	1111710701	18.3	24.5	6.2	29567530
06/10/2019	0								
07/10/2019	0								
08/10/2019	0								
09/10/2019	0								
10/10/2019	0								
11/10/2019	0								
12/10/2019	0								
13/10/2019	0								
14/10/2019	0								

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/10/2019	0								
16/10/2019	0								
17/10/2019	0								
18/10/2019	0								
19/10/2019	0								
20/10/2019	1	4186.8	48989000	0.9988	48933152	16.1	18	1.9	395405
21/10/2019	0								
22/10/2019	0								
23/10/2019	0								
24/10/2019	23	4186.8	1086561554	0.9988	1085322874	16.7	22.5	5.8	26212308
25/10/2019	24	4186.8	1117550277	0.9988	1116242642	16.7	22.8	6	28372024
26/10/2019	24	4186.8	1124526234	0.9988	1123244274	16.4	22.3	5.8	27381195
27/10/2019	24	4186.8	1130141148	0.9988	1128852787	16.4	22	5.5	26289892
28/10/2019	24	4186.8	1077719792	0.9988	1076491192	16.4	22.8	6.4	29114030
29/10/2019	24	4186.8	1132663468	0.9988	1131372232	16.4	23.3	6.8	32632593
30/10/2019	24	4186.8	1123904000	0.9988	1122637748	16.1	22.7	6.6	31199901
31/10/2019	24	4186.8	1125559000	0.999	1124455952	15.6	21.6	6	28267411
Totale/Media	309	4186.8	14480571917	0.9986	14461251583	17.4	23.5	6.1	389193996

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Novembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/11/2019	24	4186.8	1136537687	0.999	1135423880	15.4	20.8	5.4	25881746
02/11/2019	24	4186.8	1146555000	0.999	1145445753	15.1	19.2	4.1	19798213
03/11/2019	17	4186.8	759288000	0.9991	758657790	14.6	19.1	4.5	14707394
04/11/2019	19	4186.8	898140156	0.9992	897467932	13.8	20	6.1	23031206
05/11/2019	24	4186.8	1066719951	0.9991	1065840713	14.3	20.4	6.1	27790712
06/11/2019	24	4186.8	1020653238	0.9993	1019955192	13.4	19.5	6	25908599
07/11/2019	24	4186.8	1144253792	0.9993	1143495332	13.2	19.7	6.5	31222600
08/11/2019	24	4186.8	1101838474	0.9993	1101078206	13.2	18.8	5.6	25951109
09/11/2019	24	4186.8	1138103464	0.9993	1137361770	13.2	19.4	6.1	29501971
10/11/2019	24	4186.8	974077507	0.9993	973432448	13.2	18.8	5.6	22903018
11/11/2019	24	4186.8	1151135390	0.9992	1150299923	13.6	20.5	6.8	33006052
12/11/2019	24	4186.8	1117068332	0.9992	1116259314	13.7	19.7	6	28414966
13/11/2019	24	4186.8	1137180671	0.9992	1136343034	13.6	19.6	6	28593080
14/11/2019	24	4186.8	1125602000	0.9993	1124861764	13.3	19.4	6.1	29102059

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/11/2019	24	4186.8	1105773000	0.9993	1105051268	13.2	18.7	5.5	25645211
16/11/2019	24	4186.8	1125539648	0.9994	1124872793	12.6	19.5	6.8	32486866
17/11/2019	24	4186.8	1098513691	0.9994	1097908467	12.3	18.8	6.5	30305803
18/11/2019	24	4186.8	1058270820	0.9994	1057686611	12.3	18.7	6.3	28265254
19/11/2019	24	4186.8	1090591000	0.9993	1089905340	13.1	20	6.9	31672741
20/11/2019	24	4186.8	1111440378	0.9993	1110751654	13.1	19.4	6.3	29403486
21/11/2019	24	4186.8	1121571031	0.9992	1120757800	13.6	20.4	6.7	31888871
22/11/2019	24	4186.8	1108042445	0.9993	1107277896	13.5	19.8	6.2	29126049
23/11/2019	24	4186.8	1085004710	0.9994	1084356202	12.7	19.6	6.9	31433936
24/11/2019	24	4186.8	1070646421	0.9994	1070071424	12.1	18.5	6.3	28649732
25/11/2019	24	4186.8	1093341800	0.9994	1092729529	12.4	18.7	6.3	28989808
26/11/2019	24	4186.8	1099472312	0.9994	1098897138	12	18.3	6.2	28819291
27/11/2019	24	4186.8	1082573000	0.9994	1081991209	12	18.9	6.9	31394956
28/11/2019	18	4186.8	796322000	0.9995	795923839	11.9	17.9	6	20165589
29/11/2019	17	4186.8	729684000	0.9995	729355642	11.4	15	3.5	10761554
30/11/2019	0								
Totale/Media	671	4186.8	30693939929	0.9993	30673459875	13.2	19.2	6	784821886

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Dicembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/12/2019	0								
02/12/2019	20	4186.8	908137000	0.9995	907695778	11.7	17.9	6.1	23724826
03/12/2019	24	4186.8	1100159000	0.9994	1099572918	12.2	18.7	6.4	29813016
04/12/2019	24	4186.8	1111729000	0.9994	1111151623	12	18.7	6.7	31194620
05/12/2019	24	4186.8	1106117000	0.9996	1105682305	10.8	17.3	6.4	30014742
06/12/2019	24	4186.8	1106467000	0.9996	1106084107	10.4	17.4	6.9	32046044
07/12/2019	24	4186.8	1098133000	0.9996	1097716523	10.7	17.1	6.4	29540509
08/12/2019	24	4186.8	1110834000	0.9996	1110445208	10.2	15.9	5.7	26589619
09/12/2019	24	4186.8	1110873000	0.9995	1110407569	11	17.5	6.4	30126815
10/12/2019	24	4186.8	1107137000	0.9995	1106670966	11.2	17.5	6.2	28989225
11/12/2019	24	4186.8	1118185000	0.9996	1117837340	10.1	16.9	6.7	31811513
12/12/2019	24	4186.8	1114522000	0.9997	1114232224	9.6	15.7	6	28377090
13/12/2019	24	4186.8	1113183000	0.9997	1112897207	9.1	15.9	6.7	31435408
14/12/2019	24	4186.8	1111402000	0.9997	1111161296	8.9	15.5	6.5	30425544

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/12/2019	24	4186.8	959311994	0.9997	959062573	9.2	14.2	5	19900579
16/12/2019	24	4186.8	1108232554	0.9996	1107853709	10.2	16	5.7	26804030
17/12/2019	24	4186.8	1104234425	0.9996	1103819942	10.3	16.2	5.8	27144419
18/12/2019	24	4186.8	994481000	0.9996	994132931	10.1	16.3	6.2	26222914
19/12/2019	24	4186.8	1058483000	0.9996	1058112530	10.2	15.3	5	22614261
20/12/2019	23	4186.8	643543000	0.9996	643317759	10.3	15.4	5	13754912
21/12/2019	0								
22/12/2019	16	4186.8	702976771	0.9997	702793138	9.8	12.9	3	8624607
23/12/2019	24	4186.8	1105461929	0.9997	1105174509	9.6	12.6	3	13958758
24/12/2019	24	4186.8	677482000	0.9997	677305854	9.4	14.4	5	14147018
25/12/2019	24	4186.8	851375000	0.9997	851161082	9.2	14.5	5.2	19054333
26/12/2019	20	4186.8	562757000	0.9997	562631646	9	13.8	4.8	11328187
27/12/2019	24	4186.8	1020247000	0.9997	1020037282	8.8	14.5	5.6	24477529
28/12/2019	24	4186.8	1061377000	0.9997	1061162586	8.8	13.8	5	22574757
29/12/2019	24	4186.8	991831000	0.9998	991652470	8.7	14.7	5.9	25295998
30/12/2019	24	4186.8	1074443000	0.9998	1074249600	8.8	13.5	4.7	21297601
31/12/2019	24	4186.8	725798000	0.9998	725667356	8.5	13.6	5.1	15085922
Totale/Media	679	4186.8	28858912675	0.9996	28849690046	10	15.6	5.6	696374810

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Gennaio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/01/2019	24	4186.8	860720000	0.9998	860587817	8	13.2	5.2	19406919
02/01/2019	24	4186.8	1027936000	0.9998	1027812647	7.7	13.4	5.6	24930039
03/01/2019	0								
04/01/2019	0								
05/01/2019	0								
06/01/2019	10	4186.8	296058000	0.9998	296023554	7.1	12.5	5.3	6571503
07/01/2019	23	4186.8	1072149000	0.9998	1072002022	7.7	14	6.2	28476067
08/01/2019	18	4186.8	833383000	0.9998	833232991	8.5	14.1	5.6	19885376
09/01/2019	17	4186.8	787390000	0.9998	787259498	8.4	14.6	6.2	20747460
10/01/2019	18	4186.8	811041000	0.9998	810914557	8.2	14.1	5.8	20386155
11/01/2019	18	4186.8	853739000	0.9998	853608120	7.9	14.3	6.4	22927894
12/01/2019	0								
13/01/2019	0								
14/01/2019	19	4186.8	883336000	0.9998	883215654	7.8	13.9	6	22461575

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/01/2019	24	4186.8	1038015000	0.9998	1037847825	8.2	14.1	5.8	25563646
16/01/2019	24	4186.8	1004341000	0.9998	1004167388	8.3	14.2	5.8	24663361
17/01/2019	24	4186.8	1027730000	0.9997	1027496756	8.9	14.8	5.8	25460116
18/01/2019	24	4186.8	952859000	0.9997	952648075	8.9	14.7	5.8	23282704
19/01/2019	24	4186.8	1096593000	0.9997	1096351758	8.8	15.8	6.9	31840976
20/01/2019	24	4186.8	1123241000	0.9998	1123053006	8.4	14.7	6.3	29737320
21/01/2019	24	4186.8	1118204000	0.9998	1118033937	7.9	14.2	6.3	29617563
22/01/2019	24	4186.8	1024263000	0.9998	1024149420	7.3	13.9	6.6	28667460
23/01/2019	24	4186.8	1007255000	0.9999	1007158662	6.8	13.3	6.4	27734834
24/01/2019	18	4186.8	810601000	0.9998	810513100	7.2	13.5	6.3	21941068
25/01/2019	19	4186.8	836230000	0.9999	836163101	6.5	13.1	6.6	23209501
26/01/2019	24	4186.8	989001000	0.9999	988924557	6.2	13.2	7	29385995
27/01/2019	24	4186.8	1087809445	0.9999	1087722420	6.2	12.9	6.6	30420426
28/01/2019	24	4186.8	1107568121	0.9998	1107437414	7.1	13.7	6.5	30306464
29/01/2019	24	4186.8	1119209000	0.9998	1119094789	7.1	14	6.9	32513581
30/01/2019	24	4186.8	1127224000	0.9998	1127095779	7.2	13.3	6.1	28944594
31/01/2019	20	4186.8	896946000	0.9998	896819254	7.7	13.8	6.1	23652596
Totale/Media	564	4186.8	24792841566	0.9998	24789334116	7.7	13.9	6.2	652735205

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Febbraio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/02/2019	24	4186.8	1015631785	0.9998	1015482794	7.8	13.9	6	26364766
02/02/2019	24	4186.8	1003286000	0.9998	1003188674	6.9	12.2	5.1	21802140
03/02/2019	24	4186.8	853258000	0.9999	853189739	6.5	11.6	5.1	19397152
04/02/2019	24	4186.8	1150963808	0.9998	1150804126	7.7	14.3	6.6	31823401
05/02/2019	24	4186.8	996892601	0.9998	996736459	8.1	14.4	6.3	26425210
06/02/2019	24	4186.8	1008109703	0.9998	1007976814	7.7	13.7	6	25875933
07/02/2019	24	4186.8	1068530000	0.9999	1068435890	6.8	12.5	5.6	25350756
08/02/2019	23	4186.8	1065961101	0.9999	1065859371	7	13.3	6.3	28514969
09/02/2019	0								
10/02/2019	0								
11/02/2019	0								
12/02/2019	15	4186.8	413927000	0.9998	413883647	7.1	13.3	6.1	10720197
13/02/2019	8	4186.8	220809000	0.9998	220782502	7.4	12.9	5.4	5020375
14/02/2019	20	4186.8	575270000	0.9998	575210099	7.1	12.6	5.4	13211498

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/02/2019	1	4186.8	28852000	0.9998	28848537	7.2	8.6	1.3	165472
16/02/2019	0								
17/02/2019	0								
18/02/2019	19	4186.8	525803000	0.9997	525696011	8.6	14.1	5.4	12214806
19/02/2019	13	4186.8	345540000	0.9997	345452132	9.4	14.9	5.4	7913391
20/02/2019	18	4186.8	505326000	0.9998	505243305	8.2	13.9	5.6	12050428
21/02/2019	24	4186.8	682378000	0.9998	682279048	7.9	14	6.1	17475312
22/02/2019	23	4186.8	693671000	0.9998	693559586	8.2	13.7	5.4	16012345
23/02/2019	0								
24/02/2019	0								
25/02/2019	20	4186.8	571695000	0.9998	571584371	8.4	14.1	5.7	13768002
26/02/2019	1	4186.8	28338000	0.9997	28330632	9.6	11.6	1.9	231298
27/02/2019	19	4186.8	555020000	0.9996	554845123	10	15.2	5.1	12130159
28/02/2019	18	4186.8	511280000	0.9996	511106394	10.2	15.8	5.5	11930380
Totale/Media	390	4186.8	13820542000	0.9998	13818495266	8	13.4	5.3	338398000

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Marzo 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/03/2019	0								
02/03/2019	0								
03/03/2019	0								
04/03/2019	0								
05/03/2019	8	4186.8	225947000	0.9996	225873204	10	15.8	5.8	5584427
06/03/2019	0								
07/03/2019	0								
08/03/2019	0								
09/03/2019	0								
10/03/2019	0								
11/03/2019	22	4186.8	935228000	0.9997	934982033	9.5	13.7	4.1	15739841
12/03/2019	24	4186.8	693433000	0.9997	693250355	9.5	15.7	6.2	18084962
13/03/2019	24	4186.8	726739500	0.9996	726491845	10.2	16	5.7	17339553
14/03/2019	24	4186.8	990089398	0.9996	989714897	10.6	17.3	6.7	28069142

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/03/2019	24	4186.8	1058779800	0.9995	1058346803	10.9	17.7	6.7	30063065
16/03/2019	24	4186.8	1049360000	0.9995	1048926852	10.9	17.2	6.2	27920731
17/03/2019	11	4186.8	531326000	0.9997	531174795	9.8	16.6	6.7	15090436
18/03/2019	24	4186.8	1089062796	0.9996	1088638204	10.9	17.3	6.4	29645977
19/03/2019	24	4186.8	1135503460	0.9995	1134940392	11.8	18.9	7	33618527
20/03/2019	24	4186.8	1132223900	0.9995	1131728276	11.3	17.6	6.2	29751820
21/03/2019	18	4186.8	751185199	0.9996	750919873	10.5	13.4	2.8	9020876
22/03/2019	18	4186.8	532103000	0.9996	531904411	10.5	14.9	4.3	9691984
23/03/2019	17	4186.8	676633000	0.9995	676355655	11	16.2	5.1	15006695
24/03/2019	24	4186.8	1077935000	0.9995	1077482065	11	16.6	5.5	25367048
25/03/2019	22	4186.8	1037772000	0.9995	1037302157	11.4	17.2	5.7	25056911
26/03/2019	24	4186.8	1143290000	0.9995	1142807610	11.2	17.8	6.6	31719072
27/03/2019	24	4186.8	1134561000	0.9995	1134083194	11.2	17.5	6.3	30173021
28/03/2019	24	4186.8	1106713000	0.9995	1106247014	11.2	18.1	6.9	31996832
29/03/2019	24	4186.8	1104095000	0.9995	1103563062	11.9	18.8	6.9	32064356
30/03/2019	24	4186.8	1074163500	0.9995	1073647242	11.7	17.7	6	27418954
31/03/2019	24	4186.8	1035781000	0.9994	1035254112	11.9	17.6	5.6	24209834
Totale/Media	476	4186.8	20241924556	0.9996	20233634062	10.9	16.8	5.9	512634073

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Aprile 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/04/2019	24	4186.8	1050025000	0.9993	1049394347	12.7	19.3	6.5	29442556
02/04/2019	24	4186.8	869189000	0.999	868374225	15.2	22	6.7	24943470
03/04/2019	24	4186.8	1072392000	0.9994	1071758193	12.6	19.6	7	31538975
04/04/2019	24	4186.8	1104756000	0.9995	1104258859	11.4	18.2	6.8	31545948
05/04/2019	24	4186.8	1113426000	0.9996	1112994576	10.8	17.8	6.9	32560680
06/04/2019	24	4186.8	1105233000	0.9995	1104786701	11	17.1	6.1	28367575
07/04/2019	24	4186.8	1000770000	0.9995	1000370938	10.9	16.8	5.8	24804905
08/04/2019	24	4186.8	1105591000	0.9995	1105108952	11.3	17.5	6.2	28849052
09/04/2019	24	4186.8	1100500000	0.9993	1099799110	12.9	19.6	6.6	30644761
10/04/2019	24	4186.8	1133052000	0.9991	1132045440	14.8	21.2	6.3	30258069
11/04/2019	24	4186.8	1178460000	0.9991	1177416926	14.8	21.5	6.6	32725509
12/04/2019	24	4186.8	1148899000	0.9992	1148018448	14	20.4	6.3	30451294
13/04/2019	24	4186.8	1141710000	0.9994	1141033535	12.7	19.8	7	33625017
14/04/2019	24	4186.8	1037485000	0.9995	1037041979	11.2	17.5	6.2	27418920

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/04/2019	24	4186.8	1175441000	0.9995	1174891124	11.6	17.8	6.2	30804021
16/04/2019	24	4186.8	1140346000	0.9993	1139651110	12.9	20	7.1	33984392
17/04/2019	24	4186.8	1121618820	0.9991	1120702773	14.3	21.2	6.8	32136636
18/04/2019	24	4186.8	1095906097	0.9989	1094780781	15.6	22.4	6.7	30848634
19/04/2019	24	4186.8	1086378937	0.9989	1085256209	15.7	22.4	6.6	30281416
20/04/2019	17	4186.8	709988824	0.999	709281545	15.5	21.3	5.7	17331755
21/04/2019	0								
22/04/2019	0								
23/04/2019	15	4186.8	716126117	0.9993	715631990	13.2	19.3	6	18282083
24/04/2019	24	4186.8	1120472687	0.9993	1119748041	13.1	18.1	4.9	23373404
25/04/2019	24	4186.8	1093728710	0.9994	1093116222	12.2	17.5	5.2	23930356
26/04/2019	24	4186.8	1053570718	0.9993	1052870710	13.1	17.5	4.4	19652588
27/04/2019	24	4186.8	1056802000	0.9993	1056150285	12.8	16.6	3.7	16697642
28/04/2019	24	4186.8	830672500	0.9994	830189120	12.8	17.7	4.8	15871109
29/04/2019	24	4186.8	1048796000	0.9994	1048197028	12.5	19.2	6.7	29743779
30/04/2019	24	4186.8	1119834000	0.9994	1119204875	12.5	19.3	6.8	32043261
Totale/Media	656	4186.8	29531170414	0.9993	29512074052	13	19.2	6.2	772157821

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Maggio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/05/2019	24	4186.8	996221000	0.9993	995596114	13	19.4	6.4	27124957
02/05/2019	24	4186.8	1076415398	0.9993	1075673715	13.4	19.3	5.8	26962187
03/05/2019	24	4186.8	1115560000	0.9993	1114844721	13.1	19.5	6.4	30044392
04/05/2019	24	4186.8	1099862300	0.9993	1099143792	13.2	19.7	6.4	29714470
05/05/2019	24	4186.8	1017377968	0.9994	1016808853	12.4	18.2	5.7	24750161
06/05/2019	22	4186.8	946140050	0.9994	945613253	12.4	17.9	5.5	22232771
07/05/2019	12	4186.8	344930974	0.9994	344736378	12.5	16.8	4.3	6218280
08/05/2019	20	4186.8	922009312	0.9994	921508125	12.4	19.1	6.7	25863539
09/05/2019	24	4186.8	1037960183	0.9994	1037367019	12.6	18.8	6.1	26748172
10/05/2019	23	4186.8	642949458	0.9993	642508498	13.4	18.9	5.4	14742677
11/05/2019	0								
12/05/2019	0								
13/05/2019	21	4186.8	983719000	0.9993	983125361	12.7	19.2	6.4	26763262
14/05/2019	21	4186.8	633437000	0.9993	633038448	12.9	17.9	4.9	13154493

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/05/2019	0								
16/05/2019	21	4186.8	999836519	0.9993	999194619	13	19	6	25147717
17/05/2019	24	4186.8	1110300410	0.9993	1109595921	13.1	19.9	6.7	31556942
18/05/2019	24	4186.8	1052961669	0.9994	1052355773	12.8	18.9	6	27442534
19/05/2019	24	4186.8	1003738000	0.9994	1003145274	12.6	18.7	6.1	26250211
20/05/2019	24	4186.8	1042054960	0.9994	1041471410	12.6	19.4	6.8	30124425
21/05/2019	24	4186.8	1101957759	0.9993	1101215515	13.2	19.1	5.9	27341982
22/05/2019	24	4186.8	1094253953	0.9992	1093377334	14.2	20	5.8	26940137
23/05/2019	24	4186.8	1125830000	0.9991	1124872051	14.6	20.9	6.3	29985531
24/05/2019	24	4186.8	1124294000	0.9991	1123337092	14.6	20.5	5.8	27703371
25/05/2019	24	4186.8	1126782000	0.9991	1125819290	14.5	20.5	5.9	28182133
26/05/2019	24	4186.8	695666000	0.9992	695117123	14.3	19.4	5	14833661
27/05/2019	24	4186.8	1074981800	0.9991	1074089565	14.1	20.3	6.2	28493885
28/05/2019	24	4186.8	1139832000	0.9992	1138979232	13.9	19.9	6	28703231
29/05/2019	24	4186.8	1050722800	0.9992	1049919011	14	20.7	6.6	29763801
30/05/2019	23	4186.8	1050387300	0.9991	1049505522	14.7	19.5	4.8	21575496
31/05/2019	7	4186.8	201766000	0.9991	201594225	14.5	19.9	5.3	4554864
Totale/Media	626	4186.8	26811947824	0.9993	26793553247	13.4	19.3	5.9	682919297

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Giugno 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/06/2019	0								
02/06/2019	0								
03/06/2019	20	4186.8	955797679	0.9988	954676042	16.7	22.5	5.8	23427500
04/06/2019	21	4186.8	992934289	0.9988	991755759	16.7	22.2	5.5	22910516
05/06/2019	19	4186.8	834733847	0.9987	833653587	17.2	22.9	5.7	20550879
06/06/2019	24	4186.8	1146038000	0.9987	1144610871	17.1	23.2	6	29034968
07/06/2019	21	4186.8	992383601	0.9987	991173659	16.8	22.2	5.4	22818139
08/06/2019	9	4186.8	416865000	0.9987	416319778	17.4	22.1	4.7	8646133
09/06/2019	24	4186.8	1162061000	0.9988	1160736250	16.4	22.4	6	29187608
10/06/2019	24	4186.8	1049024259	0.9987	1047733588	16.9	22.6	5.7	25355238
11/06/2019	24	4186.8	930332183	0.9985	929010135	17.9	23.5	5.6	22698899
12/06/2019	24	4186.8	1089049582	0.9985	1087486789	18.1	24.4	6.3	28987833
13/06/2019	24	4186.8	1078959900	0.9987	1077579086	17.3	23.1	5.7	26285032
14/06/2019	24	4186.8	1063249500	0.9987	1061950352	16.8	21.9	5	22538543

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/06/2019	23	4186.8	668445000	0.9986	667536370	17.6	22.7	5.1	14363290
16/06/2019	0								
17/06/2019	17	4186.8	488294572	0.9983	487490542	19.1	24.2	5	10603635
18/06/2019	24	4186.8	1060591748	0.9982	1058744211	19.7	26.2	6.4	28937443
19/06/2019	24	4186.8	1087169699	0.9982	1085217633	19.9	26.1	6.1	28459179
20/06/2019	21	4186.8	917251699	0.9981	915578059	20.1	25.2	5.1	20055824
21/06/2019	24	4186.8	1105240000	0.9982	1103333710	19.6	23.7	4	18732617
22/06/2019	0								
23/06/2019	0								
24/06/2019	21	4186.8	835407199	0.9979	833642883	21.3	26.9	5.5	20161678
25/06/2019	24	4186.8	893378775	0.9977	891385621	21.7	27	5.2	19853595
26/06/2019	24	4186.8	887775673	0.9978	885839722	21.6	27.1	5.5	20524857
27/06/2019	20	4186.8	759151410	0.9977	757448874	21.9	27	5.1	16643852
28/06/2019	11	4186.8	446602724	0.9977	445600589	21.9	26.8	4.9	9307364
29/06/2019	24	4186.8	688619671	0.9975	686962776	22.6	27.9	5.3	15409649
30/06/2019	0								
Totale/Media	515	4186.8	21549357017	0.9983	21515466898	18.8	24.3	5.4	505494280

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Luglio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/07/2019	21	4186.8	800551000	0.9979	798859893	21.4	26.2	4.8	16857969
02/07/2019	18	4186.8	862395000	0.9977	860475301	21.8	28.1	6.2	22592996
03/07/2019	22	4186.8	1042734023	0.9975	1040172532	22.9	29.2	6.3	27718889
04/07/2019	24	4186.8	1146085238	0.9974	1143132406	23.4	30.2	6.7	32423075
05/07/2019	24	4186.8	1147591660	0.9972	1144480114	24	31	7	33650240
06/07/2019	5	4186.8	153092000	0.9971	152658749	24.3	28.4	4	2645450
07/07/2019	0								
08/07/2019	21	4186.8	1016128085	0.9971	1013247634	24.4	30.7	6.2	26406049
09/07/2019	24	4186.8	1152578515	0.9971	1149277174	24.6	31.3	6.7	32322311
10/07/2019	20	4186.8	598987531	0.9972	597312809	24.4	29.5	5.1	12892232
11/07/2019	20	4186.8	589478152	0.9974	587957298	23.4	28.3	4.9	12144246
12/07/2019	20	4186.8	789674044	0.9976	787796001	22.5	28	5.4	18650525
13/07/2019	24	4186.8	1144394000	0.9975	1141617618	22.6	28.9	6.2	30018202
14/07/2019	20	4186.8	805379000	0.9975	803426460	22.6	27.9	5.2	18212591

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/07/2019	24	4186.8	1137186000	0.9977	1134601028	22.1	27.3	5.1	24681525
16/07/2019	24	4186.8	935457000	0.9975	933239764	22.8	28.5	5.7	22438028
17/07/2019	24	4186.8	1068848000	0.9974	1066153001	23.2	29.2	6	26932027
18/07/2019	23	4186.8	1111967000	0.9974	1109091940	23.4	29.6	6.1	28572400
19/07/2019	19	4186.8	900241000	0.9974	897935859	23.4	29.5	6	22819385
20/07/2019	24	4186.8	1140612000	0.9974	1137745687	23.1	29.4	6.2	29653717
21/07/2019	24	4186.8	1139052000	0.9975	1136208719	23.1	29.6	6.4	30821921
22/07/2019	24	4186.8	1134795000	0.9972	1131731040	23.9	30.7	6.7	32128860
23/07/2019	24	4186.8	1146416000	0.9972	1143290298	23.9	30.8	6.8	33005813
24/07/2019	24	4186.8	1150914000	0.9972	1147775688	24	30.9	6.9	33529442
25/07/2019	24	4186.8	1145402000	0.9972	1142290776	24.1	31.1	7	33712889
26/07/2019	24	4186.8	1144988000	0.9971	1141707332	24.5	31.1	6.5	31091109
27/07/2019	24	4186.8	1145202000	0.9972	1142068365	24.1	30.7	6.6	31607988
28/07/2019	24	4186.8	757771281	0.9974	755849940	23.3	28.6	5.3	16856447
29/07/2019	23	4186.8	922836175	0.9971	920197752	24.4	28.6	4.2	15818902
30/07/2019	13	4186.8	562485164	0.9969	560762760	25.4	28.7	3.3	7638744
31/07/2019	19	4186.8	767640955	0.997	765336675	25	29.4	4.4	13497150
Totale/Media	648	4186.8	28560881828	0.9973	28486400629	23.5	29.4	5.8	721341136

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Agosto 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/08/2019	15	4186.8	693569000	0.9971	691593534	24.6	27.7	3	8950918
02/08/2019	0								
03/08/2019	0								
04/08/2019	11	4186.8	346199000	0.9972	345254296	24	29.1	5	7212492
05/08/2019	24	4186.8	1154516000	0.9972	1151367315	24	30.5	6.5	31680903
06/08/2019	24	4186.8	1157405000	0.9971	1154114390	24.5	31	6.5	31782317
07/08/2019	23	4186.8	755222000	0.9974	753277976	23.4	28	4.5	13925636
08/08/2019	16	4186.8	480011000	0.9976	478883857	22.5	27.1	4.6	9250148
09/08/2019	4	4186.8	189518000	0.9972	189006394	23.9	27.7	3.8	3068076
10/08/2019	18	4186.8	873277000	0.9973	870953671	23.7	29.2	5.4	20214624
11/08/2019	0								
12/08/2019	0								
13/08/2019	1	4186.8	4030959	0.9969	4018504	25.1	26.5	1.3	23554
14/08/2019	8	4186.8	381072039	0.9972	380041965	23.9	28.2	4.3	6887425

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/08/2019	24	4186.8	1108497000	0.9974	1105688124	23.3	29.1	5.8	27274522
16/08/2019	24	4186.8	1134168000	0.9974	1131269824	23.3	29.8	6.4	30369535
17/08/2019	24	4186.8	1130155000	0.9974	1127244299	23.4	29.4	6	28515082
18/08/2019	24	4186.8	1027388000	0.9974	1024737505	23.5	29.8	6.3	27122068
19/08/2019	24	4186.8	952771000	0.9971	950061417	24.3	30	5.7	23032118
20/08/2019	24	4186.8	1129866000	0.9971	1126594035	24.7	31.1	6.4	30212956
21/08/2019	24	4186.8	1130195320	0.9971	1126982082	24.5	30.8	6.2	29694152
22/08/2019	24	4186.8	1120376410	0.9972	1117334116	24	30.2	6.2	29114821
23/08/2019	24	4186.8	1062770181	0.9973	1059913431	23.7	29.6	5.8	25977486
24/08/2019	24	4186.8	921659134	0.9974	919301032	23.5	29.2	5.6	21874186
25/08/2019	24	4186.8	1134877261	0.9974	1131931719	23.5	30.4	6.9	32731304
26/08/2019	24	4186.8	1134959609	0.9972	1131802693	24.1	31.5	7.3	34890064
27/08/2019	24	4186.8	1156500003	0.9971	1153223705	24.4	31.6	7.1	34655481
28/08/2019	24	4186.8	1143533171	0.9972	1140439636	24	30.8	6.8	32832817
29/08/2019	24	4186.8	1141577734	0.9972	1138463788	24	30.8	6.8	32609481
30/08/2019	24	4186.8	1143676000	0.9971	1140424499	24.5	31.8	7.3	35069401
31/08/2019	24	4186.8	1137813000	0.9972	1134675834	24.3	31.6	7.3	35109160
Totale/Media	552	4186.8	24745602827	0.9972	24678599653	23.9	29.7	5.7	644080741

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Settembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/09/2019	24	4186.8	1107313261	0.9973	1104412464	23.6	29.6	5.9	27809868
02/09/2019	24	4186.8	1125541468	0.9973	1122529652	23.7	30.8	7.1	33436116
03/09/2019	24	4186.8	1172246000	0.9973	1169194530	23.6	30.6	7	34476660
04/09/2019	24	4186.8	1150217000	0.9974	1147243928	23.4	30.2	6.7	32491729
05/09/2019	24	4186.8	1127448000	0.9975	1124658374	23	30.5	7.4	35084557
06/09/2019	24	4186.8	1114424000	0.9977	1111901425	22.1	29.6	7.4	34884362
07/09/2019	24	4186.8	1142195000	0.9979	1139826681	21.4	28.3	6.9	33098946
08/09/2019	24	4186.8	1065395000	0.998	1063316813	20.7	26	5.2	23438205
09/09/2019	21	4186.8	893137000	0.9982	891562325	19.7	25.3	5.5	21508736
10/09/2019	10	4186.8	273053332	0.9982	272579132	19.8	24.3	4.5	5240686
11/09/2019	21	4186.8	704346587	0.998	702953479	20.7	25.6	4.9	14859781
12/09/2019	19	4186.8	653070195	0.9979	651742710	20.9	25.8	4.9	13594360
13/09/2019	18	4186.8	552867552	0.9978	551700380	21.4	25.9	4.4	10329821
14/09/2019	8	4186.8	383782230	0.9977	382935249	21.7	28.1	6.4	10255583

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/09/2019	24	4186.8	1171334222	0.9979	1168957992	21.1	27.3	6.2	30357742
16/09/2019	24	4186.8	1129571773	0.9978	1127109272	21.8	28.5	6.7	31971058
17/09/2019	20	4186.8	953570902	0.9976	951341545	22.5	28.8	6.3	25443141
18/09/2019	19	4186.8	899908000	0.9977	897848141	22.4	28.7	6.3	23931083
19/09/2019	19	4186.8	883785000	0.9978	881857229	21.7	28.1	6.4	23958107
20/09/2019	19	4186.8	556841000	0.998	555744340	20.5	26.7	6.1	14260795
21/09/2019	0								
22/09/2019	0								
23/09/2019	11	4186.8	324578158	0.9983	324026375	19.7	24.2	4.5	6278648
24/09/2019	20	4186.8	971990785	0.9983	970387398	19.3	25.9	6.6	26848029
25/09/2019	24	4186.8	1136682000	0.9983	1134749789	19.4	26.7	7.2	34678818
26/09/2019	24	4186.8	1129918000	0.9982	1127978131	19.5	26.8	7.2	34451876
27/09/2019	24	4186.8	1137948000	0.9982	1135975457	19.6	26.9	7.2	34456249
28/09/2019	24	4186.8	1134878000	0.9982	1132892076	19.7	27	7.2	34587949
29/09/2019	24	4186.8	1133734949	0.9982	1131731556	19.7	25.5	5.8	27702368
30/09/2019	24	4186.8	1137780789	0.9981	1135700639	20	26.3	6.2	29707617
Totale/Media	589	4186.8	26167558208	0.9979	26112857098	21.2	27.4	6.2	709142903

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Ottobre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/10/2019	24	4186.8	1134412902	0.9981	1132333158	20.2	27.5	7.3	34736872
02/10/2019	21	4186.8	982268539	0.9981	980426790	20.4	27.2	6.8	28073280
03/10/2019	24	4186.8	1142218000	0.9982	1140247650	19.6	26.7	7.1	34018110
04/10/2019	24	4186.8	1140720000	0.9984	1138980424	18.6	25.5	6.9	32933438
05/10/2019	24	4186.8	1113338000	0.9985	1111710701	18.3	24.5	6.2	29567530
06/10/2019	0								
07/10/2019	0								
08/10/2019	0								
09/10/2019	0								
10/10/2019	0								
11/10/2019	0								
12/10/2019	0								
13/10/2019	0								
14/10/2019	0								

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/10/2019	0								
16/10/2019	0								
17/10/2019	0								
18/10/2019	0								
19/10/2019	0								
20/10/2019	1	4186.8	48989000	0.9988	48933152	16.1	18	1.9	395405
21/10/2019	0								
22/10/2019	0								
23/10/2019	0								
24/10/2019	23	4186.8	1086561554	0.9988	1085322874	16.7	22.5	5.8	26212308
25/10/2019	24	4186.8	1117550277	0.9988	1116242642	16.7	22.8	6	28372024
26/10/2019	24	4186.8	1124526234	0.9988	1123244274	16.4	22.3	5.8	27381195
27/10/2019	24	4186.8	1130141148	0.9988	1128852787	16.4	22	5.5	26289892
28/10/2019	24	4186.8	1077719792	0.9988	1076491192	16.4	22.8	6.4	29114030
29/10/2019	24	4186.8	1132663468	0.9988	1131372232	16.4	23.3	6.8	32632593
30/10/2019	24	4186.8	1123904000	0.9988	1122637748	16.1	22.7	6.6	31199901
31/10/2019	24	4186.8	1125559000	0.999	1124455952	15.6	21.6	6	28267411
Totale/Media	309	4186.8	14480571917	0.9986	14461251583	17.4	23.5	6.1	389193996

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Novembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/11/2019	24	4186.8	1136537687	0.999	1135423880	15.4	20.8	5.4	25881746
02/11/2019	24	4186.8	1146555000	0.999	1145445753	15.1	19.2	4.1	19798213
03/11/2019	17	4186.8	759288000	0.9991	758657790	14.6	19.1	4.5	14707394
04/11/2019	19	4186.8	898140156	0.9992	897467932	13.8	20	6.1	23031206
05/11/2019	24	4186.8	1066719951	0.9991	1065840713	14.3	20.4	6.1	27790712
06/11/2019	24	4186.8	1020653238	0.9993	1019955192	13.4	19.5	6	25908599
07/11/2019	24	4186.8	1144253792	0.9993	1143495332	13.2	19.7	6.5	31222600
08/11/2019	24	4186.8	1101838474	0.9993	1101078206	13.2	18.8	5.6	25951109
09/11/2019	24	4186.8	1138103464	0.9993	1137361770	13.2	19.4	6.1	29501971
10/11/2019	24	4186.8	974077507	0.9993	973432448	13.2	18.8	5.6	22903018
11/11/2019	24	4186.8	1151135390	0.9992	1150299923	13.6	20.5	6.8	33006052
12/11/2019	24	4186.8	1117068332	0.9992	1116259314	13.7	19.7	6	28414966
13/11/2019	24	4186.8	1137180671	0.9992	1136343034	13.6	19.6	6	28593080
14/11/2019	24	4186.8	1125602000	0.9993	1124861764	13.3	19.4	6.1	29102059

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/11/2019	24	4186.8	1105773000	0.9993	1105051268	13.2	18.7	5.5	25645211
16/11/2019	24	4186.8	1125539648	0.9994	1124872793	12.6	19.5	6.8	32486866
17/11/2019	24	4186.8	1098513691	0.9994	1097908467	12.3	18.8	6.5	30305803
18/11/2019	24	4186.8	1058270820	0.9994	1057686611	12.3	18.7	6.3	28265254
19/11/2019	24	4186.8	1090591000	0.9993	1089905340	13.1	20	6.9	31672741
20/11/2019	24	4186.8	1111440378	0.9993	1110751654	13.1	19.4	6.3	29403486
21/11/2019	24	4186.8	1121571031	0.9992	1120757800	13.6	20.4	6.7	31888871
22/11/2019	24	4186.8	1108042445	0.9993	1107277896	13.5	19.8	6.2	29126049
23/11/2019	24	4186.8	1085004710	0.9994	1084356202	12.7	19.6	6.9	31433936
24/11/2019	24	4186.8	1070646421	0.9994	1070071424	12.1	18.5	6.3	28649732
25/11/2019	24	4186.8	1093341800	0.9994	1092729529	12.4	18.7	6.3	28989808
26/11/2019	24	4186.8	1099472312	0.9994	1098897138	12	18.3	6.2	28819291
27/11/2019	24	4186.8	1082573000	0.9994	1081991209	12	18.9	6.9	31394956
28/11/2019	18	4186.8	796322000	0.9995	795923839	11.9	17.9	6	20165589
29/11/2019	17	4186.8	729684000	0.9995	729355642	11.4	15	3.5	10761554
30/11/2019	0								
Totale/Media	671	4186.8	30693939929	0.9993	30673459875	13.2	19.2	6	784821886

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Dicembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/12/2019	0								
02/12/2019	20	4186.8	908137000	0.9995	907695778	11.7	17.9	6.1	23724826
03/12/2019	24	4186.8	1100159000	0.9994	1099572918	12.2	18.7	6.4	29813016
04/12/2019	24	4186.8	1111729000	0.9994	1111151623	12	18.7	6.7	31194620
05/12/2019	24	4186.8	1106117000	0.9996	1105682305	10.8	17.3	6.4	30014742
06/12/2019	24	4186.8	1106467000	0.9996	1106084107	10.4	17.4	6.9	32046044
07/12/2019	24	4186.8	1098133000	0.9996	1097716523	10.7	17.1	6.4	29540509
08/12/2019	24	4186.8	1110834000	0.9996	1110445208	10.2	15.9	5.7	26589619
09/12/2019	24	4186.8	1110873000	0.9995	1110407569	11	17.5	6.4	30126815
10/12/2019	24	4186.8	1107137000	0.9995	1106670966	11.2	17.5	6.2	28989225
11/12/2019	24	4186.8	1118185000	0.9996	1117837340	10.1	16.9	6.7	31811513
12/12/2019	24	4186.8	1114522000	0.9997	1114232224	9.6	15.7	6	28377090
13/12/2019	24	4186.8	1113183000	0.9997	1112897207	9.1	15.9	6.7	31435408
14/12/2019	24	4186.8	1111402000	0.9997	1111161296	8.9	15.5	6.5	30425544

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/12/2019	24	4186.8	959311994	0.9997	959062573	9.2	14.2	5	19900579
16/12/2019	24	4186.8	1108232554	0.9996	1107853709	10.2	16	5.7	26804030
17/12/2019	24	4186.8	1104234425	0.9996	1103819942	10.3	16.2	5.8	27144419
18/12/2019	24	4186.8	994481000	0.9996	994132931	10.1	16.3	6.2	26222914
19/12/2019	24	4186.8	1058483000	0.9996	1058112530	10.2	15.3	5	22614261
20/12/2019	23	4186.8	643543000	0.9996	643317759	10.3	15.4	5	13754912
21/12/2019	0								
22/12/2019	16	4186.8	702976771	0.9997	702793138	9.8	12.9	3	8624607
23/12/2019	24	4186.8	1105461929	0.9997	1105174509	9.6	12.6	3	13958758
24/12/2019	24	4186.8	677482000	0.9997	677305854	9.4	14.4	5	14147018
25/12/2019	24	4186.8	851375000	0.9997	851161082	9.2	14.5	5.2	19054333
26/12/2019	20	4186.8	562757000	0.9997	562631646	9	13.8	4.8	11328187
27/12/2019	24	4186.8	1020247000	0.9997	1020037282	8.8	14.5	5.6	24477529
28/12/2019	24	4186.8	1061377000	0.9997	1061162586	8.8	13.8	5	22574757
29/12/2019	24	4186.8	991831000	0.9998	991652470	8.7	14.7	5.9	25295998
30/12/2019	24	4186.8	1074443000	0.9998	1074249600	8.8	13.5	4.7	21297601
31/12/2019	24	4186.8	725798000	0.9998	725667356	8.5	13.6	5.1	15085922
Totale/Media	679	4186.8	28858912675	0.9996	28849690046	10	15.6	5.6	696374810

Centrale di Tavazzano - Montanaso

TZ6: carico termico giornaliero sul corpo idrico ricevente

Gennaio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod6(MJ) [Totale]
01/01/2019	0								
02/01/2019	0								
03/01/2019	0								
04/01/2019	0								
05/01/2019	0								
06/01/2019	0								
07/01/2019	20	4186.8	625787000	0.9998	625704271	7.6	12.6	5	13252800
08/01/2019	17	4186.8	521251000	0.9998	521157174	8.4	14	5.5	12247731
09/01/2019	16	4186.8	513917000	0.9998	513834149	8.3	13.7	5.3	11609105
10/01/2019	16	4186.8	471018000	0.9998	470945128	8.2	14.3	6.1	12004533
11/01/2019	16	4186.8	461907000	0.9998	461839486	7.8	13.9	6	11811979
12/01/2019	0								
13/01/2019	0								
14/01/2019	0								
15/01/2019	19	4186.8	584034000	0.9998	583943572	8.1	13.6	5.4	13361157

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod6(MJ) [Totale]
16/01/2019	17	4186.8	520903000	0.9998	520817567	8.2	13.6	5.4	11877064
17/01/2019	17	4186.8	514727000	0.9997	514617922	8.8	14.2	5.4	11692210
18/01/2019	17	4186.8	494215000	0.9997	494114325	8.7	14.8	6.1	12670188
19/01/2019	0								
20/01/2019	0								
21/01/2019	19	4186.8	546472000	0.9998	546392492	7.7	13.7	6	13750709
22/01/2019	17	4186.8	513050000	0.9998	512994519	7.1	12.8	5.7	12405600
23/01/2019	17	4186.8	502852000	0.9999	502804667	6.7	12.6	5.8	12307844
24/01/2019	16	4186.8	475523000	0.9998	475473097	7.1	12.6	5.4	10896531
25/01/2019	9	4186.8	274719000	0.9999	274697022	6.3	11.5	5.2	6041867
26/01/2019	0								
27/01/2019	0								
28/01/2019	0								
29/01/2019	0								
30/01/2019	20	4186.8	627947000	0.9998	627871177	7.2	12.8	5.6	14757481
31/01/2019	22	4186.8	681471000	0.9998	681372500	7.7	13.3	5.6	16123906
Totale/Media	275	4186.8	8329793000	0.9998	8328579075	7.7	13.4	5.6	196810711

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Febbraio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/02/2019	23	4186.8	969443957	0.9998	969303280	7.8	13.8	6	24930100
02/02/2019	24	4186.8	1003286000	0.9998	1003188674	6.9	12.2	5.1	21802140
03/02/2019	24	4186.8	853258000	0.9999	853189739	6.5	11.6	5.1	19397152
04/02/2019	21	4186.8	1005836910	0.9998	1005693670	7.7	14.3	6.5	27657381
05/02/2019	23	4186.8	950158000	0.9998	950007466	8.1	14.4	6.2	25116667
06/02/2019	24	4186.8	1008109703	0.9998	1007976814	7.7	13.7	6	25875933
07/02/2019	24	4186.8	1068530000	0.9999	1068435890	6.8	12.5	5.6	25350756
08/02/2019	23	4186.8	1065961101	0.9999	1065859371	7	13.3	6.3	28514969
09/02/2019	0								
10/02/2019	0								
11/02/2019	0								
12/02/2019	15	4186.8	413927000	0.9998	413883647	7.1	13.3	6.1	10720197
13/02/2019	8	4186.8	220809000	0.9998	220782502	7.4	12.9	5.4	5020375
14/02/2019	20	4186.8	575270000	0.9998	575210099	7.1	12.6	5.4	13211498

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/02/2019	1	4186.8	28852000	0.9998	28848537	7.2	8.6	1.3	165472
16/02/2019	0								
17/02/2019	0								
18/02/2019	19	4186.8	525803000	0.9997	525696011	8.6	14.1	5.4	12214806
19/02/2019	13	4186.8	345540000	0.9997	345452132	9.4	14.9	5.4	7913391
20/02/2019	18	4186.8	505326000	0.9998	505243305	8.2	13.9	5.6	12050428
21/02/2019	24	4186.8	682378000	0.9998	682279048	7.9	14	6.1	17475312
22/02/2019	23	4186.8	693671000	0.9998	693559586	8.2	13.7	5.4	16012345
23/02/2019	0								
24/02/2019	0								
25/02/2019	20	4186.8	571695000	0.9998	571584371	8.4	14.1	5.7	13768002
26/02/2019	1	4186.8	28338000	0.9997	28330632	9.6	11.6	1.9	231298
27/02/2019	19	4186.8	555020000	0.9996	554845123	10	15.2	5.1	12130159
28/02/2019	18	4186.8	511280000	0.9996	511106394	10.2	15.8	5.5	11930380
Totale/Media	385	4186.8	13582492671	0.9998	13580476303	8	13.4	5.3	331488770

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Marzo 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/03/2019	0								
02/03/2019	0								
03/03/2019	0								
04/03/2019	0								
05/03/2019	8	4186.8	226197000	0.9996	226123154	10	15.8	5.8	5591861
06/03/2019	0								
07/03/2019	0								
08/03/2019	0								
09/03/2019	0								
10/03/2019	0								
11/03/2019	15	4186.8	626870000	0.9997	626707013	9.5	14.3	4.7	12044389
12/03/2019	24	4186.8	693393000	0.9997	693210363	9.5	15.7	6.2	18083664
13/03/2019	24	4186.8	726878000	0.9996	726630280	10.2	16	5.7	17342394
14/03/2019	24	4186.8	990212000	0.9996	989837451	10.6	17.3	6.7	28071806

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/03/2019	24	4186.8	1058572000	0.9995	1058139087	10.9	17.7	6.7	30057484
16/03/2019	24	4186.8	1049221000	0.9995	1048787900	10.9	17.2	6.2	27918337
17/03/2019	11	4186.8	531297000	0.9997	531145803	9.8	16.6	6.7	15089591
18/03/2019	0								
19/03/2019	19	4186.8	899024000	0.9995	898577760	11.8	18.8	7	26451602
20/03/2019	24	4186.8	1132376000	0.9995	1131880312	11.3	17.6	6.2	29755184
21/03/2019	18	4186.8	751144000	0.9996	750878688	10.5	13.4	2.8	9020490
22/03/2019	18	4186.8	532341000	0.9996	532142330	10.5	14.9	4.3	9696971
23/03/2019	17	4186.8	676510000	0.9995	676232698	11	16.2	5.1	15004945
24/03/2019	24	4186.8	1077923000	0.9995	1077470066	11	16.6	5.5	25366033
25/03/2019	22	4186.8	1037910000	0.9995	1037440088	11.4	17.2	5.7	25060115
26/03/2019	24	4186.8	1143203000	0.9995	1142720638	11.2	17.8	6.6	31716769
27/03/2019	24	4186.8	1134610000	0.9995	1134132180	11.2	17.5	6.3	30175130
28/03/2019	24	4186.8	1106594000	0.9995	1106128058	11.2	18.1	6.9	31993127
29/03/2019	24	4186.8	1104321000	0.9995	1103788956	11.9	18.8	6.9	32070966
30/03/2019	24	4186.8	1074352000	0.9995	1073835667	11.7	17.7	6	27422112
31/03/2019	24	4186.8	1035800000	0.9994	1035273100	11.9	17.6	5.6	24209599
Totale/Media	440	4186.8	18608748000	0.9996	18601081603	10.9	16.8	5.9	472142579

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Aprile 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/04/2019	24	4186.8	1050025000	0.9993	1049394347	12.7	19.3	6.5	29442556
02/04/2019	24	4186.8	869189000	0.999	868374225	15.2	22	6.7	24943470
03/04/2019	24	4186.8	1072392000	0.9994	1071758193	12.6	19.6	7	31538975
04/04/2019	24	4186.8	1104756000	0.9995	1104258859	11.4	18.2	6.8	31545948
05/04/2019	24	4186.8	1113426000	0.9996	1112994576	10.8	17.8	6.9	32560680
06/04/2019	24	4186.8	1105233000	0.9995	1104786701	11	17.1	6.1	28367575
07/04/2019	24	4186.8	1000770000	0.9995	1000370938	10.9	16.8	5.8	24804905
08/04/2019	24	4186.8	1105591000	0.9995	1105108952	11.3	17.5	6.2	28849052
09/04/2019	24	4186.8	1100500000	0.9993	1099799110	12.9	19.6	6.6	30644761
10/04/2019	24	4186.8	1133052000	0.9991	1132045440	14.8	21.2	6.3	30258069
11/04/2019	24	4186.8	1178460000	0.9991	1177416926	14.8	21.5	6.6	32725509
12/04/2019	24	4186.8	1148899000	0.9992	1148018448	14	20.4	6.3	30451294
13/04/2019	24	4186.8	1141710000	0.9994	1141033535	12.7	19.8	7	33625017
14/04/2019	24	4186.8	1037485000	0.9995	1037041979	11.2	17.5	6.2	27418920

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/04/2019	24	4186.8	1175441000	0.9995	1174891124	11.6	17.8	6.2	30804021
16/04/2019	24	4186.8	1140346000	0.9993	1139651110	12.9	20	7.1	33986345
17/04/2019	22	4186.8	1029283480	0.9992	1028472696	14.1	21	6.8	29557158
18/04/2019	14	4186.8	636800457	0.9989	636147117	15.6	22.4	6.7	18077418
19/04/2019	24	4186.8	1086378937	0.9989	1085256209	15.7	22.4	6.6	30281416
20/04/2019	17	4186.8	709988824	0.999	709281545	15.5	21.3	5.7	17331755
21/04/2019	0								
22/04/2019	0								
23/04/2019	15	4186.8	716126117	0.9993	715631990	13.2	19.3	6	18282083
24/04/2019	24	4186.8	1120472687	0.9993	1119748041	13.1	18.1	4.9	23373404
25/04/2019	24	4186.8	1093728710	0.9994	1093116222	12.2	17.5	5.2	23930356
26/04/2019	5	4186.8	173861878	0.9994	173764516	12.1	17	4.8	3505368
27/04/2019	24	4186.8	1056825000	0.9993	1056185938	12.7	16.6	3.8	17087793
28/04/2019	24	4186.8	830607000	0.9994	830123668	12.8	17.7	4.8	15870059
29/04/2019	24	4186.8	1048718000	0.9994	1048119065	12.5	19.2	6.7	29741875
30/04/2019	24	4186.8	1119780000	0.9994	1119150938	12.5	19.3	6.8	32041899
Totale/Media	625	4186.8	28099846093	0.9993	28081942419	13	19.2	6.2	741047694

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Maggio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/05/2019	24	4186.8	996359000	0.9993	995734037	13	19.4	6.4	27129462
02/05/2019	24	4186.8	1076305000	0.9993	1075563402	13.4	19.3	5.8	26959793
03/05/2019	24	4186.8	1115585000	0.9993	1114869700	13.1	19.5	6.4	30045189
04/05/2019	24	4186.8	1099552000	0.9993	1098833692	13.2	19.7	6.4	29701055
05/05/2019	8	4186.8	269694941	0.9994	269540082	12.6	17.6	4.9	5544516
06/05/2019	2	4186.8	95099449	0.9994	95046193	12.2	17.8	5.5	2218599
07/05/2019	9	4186.8	257640263	0.9994	257488145	12.7	17.3	4.5	4886901
08/05/2019	20	4186.8	922009312	0.9994	921508125	12.4	19.1	6.7	25863539
09/05/2019	7	4186.8	321272851	0.9995	321128278	11.7	17.4	5.7	7719400
10/05/2019	15	4186.8	413802000	0.9992	413493211	13.8	19.6	5.8	10061715
11/05/2019	0								
12/05/2019	0								
13/05/2019	21	4186.8	983719000	0.9993	983125361	12.7	19.2	6.4	26763262
14/05/2019	21	4186.8	633437000	0.9993	633038448	12.9	17.9	4.9	13154493

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/05/2019	0								
16/05/2019	0								
17/05/2019	0								
18/05/2019	23	4186.8	1021686000	0.9994	1021101683	12.8	18.9	6.1	26816854
19/05/2019	24	4186.8	1003738000	0.9994	1003145274	12.6	18.7	6.1	26250211
20/05/2019	10	4186.8	389449992	0.9994	389231900	12.5	18.7	6.1	10292490
21/05/2019	1	4186.8	46718519	0.9994	46692357	12.3	19.7	7.2	1425133
22/05/2019	16	4186.8	756049000	0.9991	755418852	14.4	20.5	6	19096001
23/05/2019	24	4186.8	1125830000	0.9991	1124872051	14.6	20.9	6.3	29985531
24/05/2019	24	4186.8	1124294000	0.9991	1123337092	14.6	20.5	5.8	27703371
25/05/2019	24	4186.8	1126782000	0.9991	1125819290	14.5	20.5	5.9	28182133
26/05/2019	24	4186.8	695666000	0.9992	695117123	14.3	19.4	5	14833661
27/05/2019	24	4186.8	1074981800	0.9991	1074089565	14.1	20.3	6.2	28493885
28/05/2019	24	4186.8	1139832000	0.9992	1138979232	13.9	19.9	6	28703231
29/05/2019	24	4186.8	1050722800	0.9992	1049919011	14	20.7	6.6	29763801
30/05/2019	23	4186.8	1050387300	0.9991	1049505522	14.7	19.5	4.8	21575496
31/05/2019	7	4186.8	201766000	0.9991	201594225	14.5	19.9	5.3	4554864
Totale/Media	471	4186.8	19992379232	0.9993	19978191861	13.4	19.3	5.9	507724599

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Giugno 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/06/2019	0								
02/06/2019	0								
03/06/2019	20	4186.8	955797679	0.9988	954676042	16.7	22.5	5.8	23427500
04/06/2019	21	4186.8	992934289	0.9988	991755759	16.7	22.2	5.5	22910516
05/06/2019	17	4186.8	740134570	0.9987	739162153	17.3	23.1	5.9	18901421
06/06/2019	24	4186.8	1146038000	0.9987	1144610871	17.1	23.2	6	29034968
07/06/2019	21	4186.8	992383601	0.9987	991173659	16.8	22.2	5.4	22818139
08/06/2019	9	4186.8	416865000	0.9987	416319778	17.4	22.1	4.7	8646133
09/06/2019	24	4186.8	1162061000	0.9988	1160736250	16.4	22.4	6	29187608
10/06/2019	18	4186.8	855407929	0.9987	854372832	16.7	22.7	5.9	21159428
11/06/2019	0								
12/06/2019	17	4186.8	754605000	0.9985	753500941	18.2	24.4	6.1	19700010
13/06/2019	24	4186.8	1078959900	0.9987	1077579086	17.3	23.1	5.7	26285032
14/06/2019	24	4186.8	1063249500	0.9987	1061950352	16.8	21.9	5	22538543

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/06/2019	23	4186.8	668445000	0.9986	667536370	17.6	22.7	5.1	14363290
16/06/2019	0								
17/06/2019	12	4186.8	358215271	0.9983	357618269	19.3	24.7	5.3	8027675
18/06/2019	22	4186.8	1000927367	0.9982	999175298	19.8	26.3	6.4	27273434
19/06/2019	24	4186.8	1087169699	0.9982	1085217633	19.9	26.1	6.1	28459179
20/06/2019	21	4186.8	917251699	0.9981	915578059	20.1	25.2	5.1	20055824
21/06/2019	24	4186.8	1105240000	0.9982	1103333710	19.6	23.7	4	18732617
22/06/2019	0								
23/06/2019	0								
24/06/2019	21	4186.8	835407199	0.9979	833642883	21.3	26.9	5.5	20161678
25/06/2019	15	4186.8	573824103	0.9978	572551629	21.7	26.9	5.2	12924927
26/06/2019	24	4186.8	887775673	0.9978	885839722	21.6	27.1	5.5	20524857
27/06/2019	20	4186.8	759151410	0.9977	757448874	21.9	27	5.1	16643852
28/06/2019	11	4186.8	446602724	0.9977	445600589	21.9	26.8	4.9	9307364
29/06/2019	24	4186.8	688619671	0.9975	686962776	22.6	27.9	5.3	15409649
30/06/2019	0								
Totale/Media	460	4186.8	19487066291	0.9983	19456343547	18.9	24.4	5.5	456493653

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Luglio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/07/2019	21	4186.8	800551000	0.9979	798859893	21.4	26.2	4.8	16857969
02/07/2019	18	4186.8	862395000	0.9977	860475301	21.8	28.1	6.2	22592996
03/07/2019	22	4186.8	1042734023	0.9975	1040172532	22.9	29.2	6.3	27718889
04/07/2019	24	4186.8	1146085238	0.9974	1143132406	23.4	30.2	6.7	32423075
05/07/2019	24	4186.8	1147591660	0.9972	1144480114	24	31	7	33650240
06/07/2019	5	4186.8	153092000	0.9971	152658749	24.3	28.4	4	2645450
07/07/2019	0								
08/07/2019	21	4186.8	1016128085	0.9971	1013247634	24.4	30.7	6.2	26406049
09/07/2019	24	4186.8	1152578515	0.9971	1149277174	24.6	31.3	6.7	32322311
10/07/2019	20	4186.8	598987531	0.9972	597312809	24.4	29.5	5.1	12892232
11/07/2019	20	4186.8	589478152	0.9974	587957298	23.4	28.3	4.9	12144246
12/07/2019	20	4186.8	789674044	0.9976	787796001	22.5	28	5.4	18650525
13/07/2019	24	4186.8	1144394000	0.9975	1141617618	22.6	28.9	6.2	30018202
14/07/2019	20	4186.8	805379000	0.9975	803426460	22.6	27.9	5.2	18212591

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/07/2019	24	4186.8	1137186000	0.9977	1134601028	22.1	27.3	5.1	24681525
16/07/2019	24	4186.8	935457000	0.9975	933239764	22.8	28.5	5.7	22438028
17/07/2019	24	4186.8	1068848000	0.9974	1066153001	23.2	29.2	6	26932027
18/07/2019	23	4186.8	1111967000	0.9974	1109091940	23.4	29.6	6.1	28572400
19/07/2019	19	4186.8	900241000	0.9974	897935859	23.4	29.5	6	22819385
20/07/2019	24	4186.8	1140612000	0.9974	1137745687	23.1	29.4	6.2	29653717
21/07/2019	24	4186.8	1139052000	0.9975	1136208719	23.1	29.6	6.4	30821921
22/07/2019	24	4186.8	1134795000	0.9972	1131731040	23.9	30.7	6.7	32128860
23/07/2019	24	4186.8	1146416000	0.9972	1143290298	23.9	30.8	6.8	33005813
24/07/2019	24	4186.8	1150914000	0.9972	1147775688	24	30.9	6.9	33529442
25/07/2019	24	4186.8	1145402000	0.9972	1142290776	24.1	31.1	7	33712889
26/07/2019	24	4186.8	1144988000	0.9971	1141707332	24.5	31.1	6.5	31091109
27/07/2019	24	4186.8	1145202000	0.9972	1142068365	24.1	30.7	6.6	31607988
28/07/2019	24	4186.8	757771281	0.9974	755849940	23.3	28.6	5.3	16856447
29/07/2019	23	4186.8	922836175	0.9971	920197752	24.4	28.6	4.2	15818902
30/07/2019	13	4186.8	562485164	0.9969	560762760	25.4	28.7	3.3	7638744
31/07/2019	19	4186.8	767640955	0.997	765336675	25	29.4	4.4	13497150
Totale/Media	648	4186.8	28560881828	0.9973	28486400629	23.5	29.4	5.8	721341136

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Agosto 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/08/2019	15	4186.8	693569000	0.9971	691593534	24.6	27.7	3	8950918
02/08/2019	0								
03/08/2019	0								
04/08/2019	11	4186.8	346199000	0.9972	345254296	24	29.1	5	7212492
05/08/2019	24	4186.8	1154516000	0.9972	1151367315	24	30.5	6.5	31680903
06/08/2019	24	4186.8	1157405000	0.9971	1154114390	24.5	31	6.5	31782317
07/08/2019	23	4186.8	755222000	0.9974	753277976	23.4	28	4.5	13925636
08/08/2019	16	4186.8	480011000	0.9976	478883857	22.5	27.1	4.6	9250148
09/08/2019	4	4186.8	189518000	0.9972	189006394	23.9	27.7	3.8	3068076
10/08/2019	18	4186.8	873277000	0.9973	870953671	23.7	29.2	5.4	20214624
11/08/2019	0								
12/08/2019	0								
13/08/2019	1	4186.8	4030959	0.9969	4018504	25.1	26.5	1.3	23554
14/08/2019	8	4186.8	381072039	0.9972	380041965	23.9	28.2	4.3	6887425

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/08/2019	24	4186.8	1108497000	0.9974	1105688124	23.3	29.1	5.8	27274522
16/08/2019	24	4186.8	1134168000	0.9974	1131269824	23.3	29.8	6.4	30369535
17/08/2019	24	4186.8	1130155000	0.9974	1127244299	23.4	29.4	6	28515082
18/08/2019	24	4186.8	1027388000	0.9974	1024737505	23.5	29.8	6.3	27122068
19/08/2019	24	4186.8	952771000	0.9971	950061417	24.3	30	5.7	23032118
20/08/2019	24	4186.8	1129866000	0.9971	1126594035	24.7	31.1	6.4	30212956
21/08/2019	24	4186.8	1130195320	0.9971	1126982082	24.5	30.8	6.2	29694152
22/08/2019	24	4186.8	1120376410	0.9972	1117334116	24	30.2	6.2	29114821
23/08/2019	24	4186.8	1062770181	0.9973	1059913431	23.7	29.6	5.8	25977486
24/08/2019	24	4186.8	921659134	0.9974	919301032	23.5	29.2	5.6	21874186
25/08/2019	24	4186.8	1134877261	0.9974	1131931719	23.5	30.4	6.9	32731304
26/08/2019	24	4186.8	1134959609	0.9972	1131802693	24.1	31.5	7.3	34890064
27/08/2019	24	4186.8	1156500003	0.9971	1153223705	24.4	31.6	7.1	34655481
28/08/2019	24	4186.8	1143533171	0.9972	1140439636	24	30.8	6.8	32832817
29/08/2019	24	4186.8	1141577734	0.9972	1138463788	24	30.8	6.8	32609481
30/08/2019	24	4186.8	1143676000	0.9971	1140424499	24.5	31.8	7.3	35069401
31/08/2019	24	4186.8	1137813000	0.9972	1134675834	24.3	31.6	7.3	35109160
Totale/Media	552	4186.8	24745602827	0.9972	24678599653	23.9	29.7	5.7	644080741

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Settembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/09/2019	24	4186.8	1107313261	0.9973	1104412464	23.6	29.6	5.9	27809868
02/09/2019	24	4186.8	1125541468	0.9973	1122529652	23.7	30.8	7.1	33436116
03/09/2019	24	4186.8	1172246000	0.9973	1169194530	23.6	30.6	7	34476660
04/09/2019	24	4186.8	1150217000	0.9974	1147243928	23.4	30.2	6.7	32491729
05/09/2019	24	4186.8	1127448000	0.9975	1124658374	23	30.5	7.4	35084557
06/09/2019	24	4186.8	1114424000	0.9977	1111901425	22.1	29.6	7.4	34884362
07/09/2019	24	4186.8	1142195000	0.9979	1139826681	21.4	28.3	6.9	33098946
08/09/2019	24	4186.8	1065395000	0.998	1063316813	20.7	26	5.2	23438205
09/09/2019	21	4186.8	893137000	0.9982	891562325	19.7	25.3	5.5	21508736
10/09/2019	10	4186.8	273053332	0.9982	272579132	19.8	24.3	4.5	5240686
11/09/2019	21	4186.8	704346587	0.998	702953479	20.7	25.6	4.9	14859781
12/09/2019	19	4186.8	653070195	0.9979	651742710	20.9	25.8	4.9	13594360
13/09/2019	18	4186.8	552867552	0.9978	551700380	21.4	25.9	4.4	10329821
14/09/2019	8	4186.8	383782230	0.9977	382935249	21.7	28.1	6.4	10255583

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/09/2019	24	4186.8	1171334222	0.9979	1168957992	21.1	27.3	6.2	30357742
16/09/2019	24	4186.8	1129571773	0.9978	1127109272	21.8	28.5	6.7	31971058
17/09/2019	20	4186.8	953570902	0.9976	951341545	22.5	28.8	6.3	25443141
18/09/2019	19	4186.8	899908000	0.9977	897848141	22.4	28.7	6.3	23931083
19/09/2019	19	4186.8	883785000	0.9978	881857229	21.7	28.1	6.4	23958107
20/09/2019	19	4186.8	556841000	0.998	555744340	20.5	26.7	6.1	14260795
21/09/2019	0								
22/09/2019	0								
23/09/2019	11	4186.8	324578158	0.9983	324026375	19.7	24.2	4.5	6278648
24/09/2019	20	4186.8	971990785	0.9983	970387398	19.3	25.9	6.6	26848029
25/09/2019	24	4186.8	1136682000	0.9983	1134749789	19.4	26.7	7.2	34678818
26/09/2019	24	4186.8	1129918000	0.9982	1127978131	19.5	26.8	7.2	34451876
27/09/2019	24	4186.8	1137948000	0.9982	1135975457	19.6	26.9	7.2	34456249
28/09/2019	24	4186.8	1134878000	0.9982	1132892076	19.7	27	7.2	34587949
29/09/2019	24	4186.8	1133734949	0.9982	1131731556	19.7	25.5	5.8	27702368
30/09/2019	24	4186.8	1137780789	0.9981	1135700639	20	26.3	6.2	29707617
Totale/Media	589	4186.8	26167558208	0.9979	26112857098	21.2	27.4	6.2	709142903

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Ottobre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/10/2019	24	4186.8	1134412902	0.9981	1132333158	20.2	27.5	7.3	34736872
02/10/2019	21	4186.8	982268539	0.9981	980426790	20.4	27.2	6.8	28073280
03/10/2019	24	4186.8	1142218000	0.9982	1140247650	19.6	26.7	7.1	34018110
04/10/2019	24	4186.8	1140720000	0.9984	1138980424	18.6	25.5	6.9	32933438
05/10/2019	24	4186.8	1113338000	0.9985	1111710701	18.3	24.5	6.2	29567530
06/10/2019	0								
07/10/2019	0								
08/10/2019	0								
09/10/2019	0								
10/10/2019	0								
11/10/2019	0								
12/10/2019	0								
13/10/2019	0								
14/10/2019	0								

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/10/2019	0								
16/10/2019	0								
17/10/2019	0								
18/10/2019	0								
19/10/2019	0								
20/10/2019	1	4186.8	48989000	0.9988	48933152	16.1	18	1.9	395405
21/10/2019	0								
22/10/2019	0								
23/10/2019	0								
24/10/2019	23	4186.8	1086561554	0.9988	1085322874	16.7	22.5	5.8	26212308
25/10/2019	24	4186.8	1117550277	0.9988	1116242642	16.7	22.8	6	28372024
26/10/2019	24	4186.8	1124526234	0.9988	1123244274	16.4	22.3	5.8	27381195
27/10/2019	24	4186.8	1130141148	0.9988	1128852787	16.4	22	5.5	26289892
28/10/2019	24	4186.8	1077719792	0.9988	1076491192	16.4	22.8	6.4	29114030
29/10/2019	24	4186.8	1132663468	0.9988	1131372232	16.4	23.3	6.8	32632593
30/10/2019	24	4186.8	1123904000	0.9988	1122637748	16.1	22.7	6.6	31199901
31/10/2019	24	4186.8	1125559000	0.999	1124455952	15.6	21.6	6	28267411
Totale/Media	309	4186.8	14480571917	0.9986	14461251583	17.4	23.5	6.1	389193996

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Novembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/11/2019	24	4186.8	1136537687	0.999	1135423880	15.4	20.8	5.4	25881746
02/11/2019	24	4186.8	1146555000	0.999	1145445753	15.1	19.2	4.1	19798213
03/11/2019	17	4186.8	759288000	0.9991	758657790	14.6	19.1	4.5	14707394
04/11/2019	19	4186.8	898140156	0.9992	897467932	13.8	20	6.1	23031206
05/11/2019	24	4186.8	1066719951	0.9991	1065840713	14.3	20.4	6.1	27790712
06/11/2019	24	4186.8	1020653238	0.9993	1019955192	13.4	19.5	6	25908599
07/11/2019	24	4186.8	1144253792	0.9993	1143495332	13.2	19.7	6.5	31222600
08/11/2019	24	4186.8	1101838474	0.9993	1101078206	13.2	18.8	5.6	25951109
09/11/2019	24	4186.8	1138103464	0.9993	1137361770	13.2	19.4	6.1	29501971
10/11/2019	24	4186.8	974077507	0.9993	973432448	13.2	18.8	5.6	22903018
11/11/2019	24	4186.8	1151135390	0.9992	1150299923	13.6	20.5	6.8	33006052
12/11/2019	24	4186.8	1117068332	0.9992	1116259314	13.7	19.7	6	28414966
13/11/2019	24	4186.8	1137180671	0.9992	1136343034	13.6	19.6	6	28593080
14/11/2019	24	4186.8	1125602000	0.9993	1124861764	13.3	19.4	6.1	29102059

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/11/2019	24	4186.8	1105773000	0.9993	1105051268	13.2	18.7	5.5	25645211
16/11/2019	24	4186.8	1125539648	0.9994	1124872793	12.6	19.5	6.8	32486866
17/11/2019	24	4186.8	1098513691	0.9994	1097908467	12.3	18.8	6.5	30305803
18/11/2019	24	4186.8	1058270820	0.9994	1057686611	12.3	18.7	6.3	28265254
19/11/2019	24	4186.8	1090591000	0.9993	1089905340	13.1	20	6.9	31672741
20/11/2019	24	4186.8	1111440378	0.9993	1110751654	13.1	19.4	6.3	29403486
21/11/2019	24	4186.8	1121571031	0.9992	1120757800	13.6	20.4	6.7	31888871
22/11/2019	24	4186.8	1108042445	0.9993	1107277896	13.5	19.8	6.2	29126049
23/11/2019	24	4186.8	1085004710	0.9994	1084356202	12.7	19.6	6.9	31433936
24/11/2019	24	4186.8	1070646421	0.9994	1070071424	12.1	18.5	6.3	28649732
25/11/2019	24	4186.8	1093341800	0.9994	1092729529	12.4	18.7	6.3	28989808
26/11/2019	24	4186.8	1099472312	0.9994	1098897138	12	18.3	6.2	28819291
27/11/2019	24	4186.8	1082573000	0.9994	1081991209	12	18.9	6.9	31394956
28/11/2019	18	4186.8	796322000	0.9995	795923839	11.9	17.9	6	20165589
29/11/2019	17	4186.8	729684000	0.9995	729355642	11.4	15	3.5	10761554
30/11/2019	0								
Totale/Media	671	4186.8	30693939929	0.9993	30673459875	13.2	19.2	6	784821886

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Dicembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/12/2019	0								
02/12/2019	20	4186.8	908137000	0.9995	907695778	11.7	17.9	6.1	23724826
03/12/2019	24	4186.8	1100159000	0.9994	1099572918	12.2	18.7	6.4	29813016
04/12/2019	24	4186.8	1111729000	0.9994	1111151623	12	18.7	6.7	31194620
05/12/2019	24	4186.8	1106117000	0.9996	1105682305	10.8	17.3	6.4	30014742
06/12/2019	24	4186.8	1106467000	0.9996	1106084107	10.4	17.4	6.9	32046044
07/12/2019	24	4186.8	1098133000	0.9996	1097716523	10.7	17.1	6.4	29540509
08/12/2019	24	4186.8	1110834000	0.9996	1110445208	10.2	15.9	5.7	26589619
09/12/2019	24	4186.8	1110873000	0.9995	1110407569	11	17.5	6.4	30126815
10/12/2019	24	4186.8	1107137000	0.9995	1106670966	11.2	17.5	6.2	28989225
11/12/2019	24	4186.8	1118185000	0.9996	1117837340	10.1	16.9	6.7	31811513
12/12/2019	24	4186.8	1114522000	0.9997	1114232224	9.6	15.7	6	28377090
13/12/2019	24	4186.8	1113183000	0.9997	1112897207	9.1	15.9	6.7	31435408
14/12/2019	24	4186.8	1111402000	0.9997	1111161296	8.9	15.5	6.5	30425544

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/12/2019	24	4186.8	959311994	0.9997	959062573	9.2	14.2	5	19900579
16/12/2019	24	4186.8	1108232554	0.9996	1107853709	10.2	16	5.7	26804030
17/12/2019	24	4186.8	1104234425	0.9996	1103819942	10.3	16.2	5.8	27144419
18/12/2019	24	4186.8	994481000	0.9996	994132931	10.1	16.3	6.2	26222914
19/12/2019	24	4186.8	1058483000	0.9996	1058112530	10.2	15.3	5	22614261
20/12/2019	23	4186.8	643543000	0.9996	643317759	10.3	15.4	5	13754912
21/12/2019	0								
22/12/2019	16	4186.8	702976771	0.9997	702793138	9.8	12.9	3	8624607
23/12/2019	24	4186.8	1105461929	0.9997	1105174509	9.6	12.6	3	13958758
24/12/2019	24	4186.8	677482000	0.9997	677305854	9.4	14.4	5	14147018
25/12/2019	24	4186.8	851375000	0.9997	851161082	9.2	14.5	5.2	19054333
26/12/2019	20	4186.8	562757000	0.9997	562631646	9	13.8	4.8	11328187
27/12/2019	24	4186.8	1020247000	0.9997	1020037282	8.8	14.5	5.6	24477529
28/12/2019	24	4186.8	1061377000	0.9997	1061162586	8.8	13.8	5	22574757
29/12/2019	24	4186.8	991831000	0.9998	991652470	8.7	14.7	5.9	25295998
30/12/2019	24	4186.8	1074443000	0.9998	1074249600	8.8	13.5	4.7	21297601
31/12/2019	24	4186.8	725798000	0.9998	725667356	8.5	13.6	5.1	15085922
Totale/Media	679	4186.8	28858912675	0.9996	28849690046	10	15.6	5.6	696374810

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Gennaio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/01/2019	24	4186.8	860720000	0.9998	860587817	8	13.2	5.2	19406919
02/01/2019	24	4186.8	1027936000	0.9998	1027812647	7.7	13.4	5.6	24930039
03/01/2019	0								
04/01/2019	0								
05/01/2019	0								
06/01/2019	10	4186.8	296058000	0.9998	296023554	7.1	12.5	5.3	6571503
07/01/2019	23	4186.8	1072149000	0.9998	1072002022	7.7	14	6.2	28476067
08/01/2019	18	4186.8	833383000	0.9998	833232991	8.5	14.1	5.6	19885376
09/01/2019	17	4186.8	787390000	0.9998	787259498	8.4	14.6	6.2	20747460
10/01/2019	18	4186.8	811041000	0.9998	810914557	8.2	14.1	5.8	20386155
11/01/2019	18	4186.8	853739000	0.9998	853608120	7.9	14.3	6.4	22927894
12/01/2019	0								
13/01/2019	0								
14/01/2019	19	4186.8	883336000	0.9998	883215654	7.8	13.9	6	22461575

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/01/2019	24	4186.8	1038015000	0.9998	1037847825	8.2	14.1	5.8	25563646
16/01/2019	24	4186.8	1004341000	0.9998	1004167388	8.3	14.2	5.8	24663361
17/01/2019	24	4186.8	1027730000	0.9997	1027496756	8.9	14.8	5.8	25460116
18/01/2019	24	4186.8	952859000	0.9997	952648075	8.9	14.7	5.8	23282704
19/01/2019	24	4186.8	1096593000	0.9997	1096351758	8.8	15.8	6.9	31840976
20/01/2019	24	4186.8	1123241000	0.9998	1123053006	8.4	14.7	6.3	29737320
21/01/2019	24	4186.8	1118204000	0.9998	1118033937	7.9	14.2	6.3	29617563
22/01/2019	24	4186.8	1024263000	0.9998	1024149420	7.3	13.9	6.6	28667460
23/01/2019	24	4186.8	1007255000	0.9999	1007158662	6.8	13.3	6.4	27734834
24/01/2019	18	4186.8	810601000	0.9998	810513100	7.2	13.5	6.3	21941068
25/01/2019	19	4186.8	836230000	0.9999	836163101	6.5	13.1	6.6	23209501
26/01/2019	24	4186.8	989001000	0.9999	988924557	6.2	13.2	7	29385995
27/01/2019	24	4186.8	1087809445	0.9999	1087722420	6.2	12.9	6.6	30420426
28/01/2019	24	4186.8	1107568121	0.9998	1107437414	7.1	13.7	6.5	30306464
29/01/2019	24	4186.8	1119209000	0.9998	1119094789	7.1	14	6.9	32513581
30/01/2019	24	4186.8	1127224000	0.9998	1127095779	7.2	13.3	6.1	28944594
31/01/2019	20	4186.8	896946000	0.9998	896819254	7.7	13.8	6.1	23652596
Totale/Media	564	4186.8	24792841566	0.9998	24789334116	7.7	13.9	6.2	652735205

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Febbraio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/02/2019	24	4186.8	1015631785	0.9998	1015482794	7.8	13.9	6	26364766
02/02/2019	24	4186.8	1003286000	0.9998	1003188674	6.9	12.2	5.1	21802140
03/02/2019	24	4186.8	853258000	0.9999	853189739	6.5	11.6	5.1	19397152
04/02/2019	24	4186.8	1150963808	0.9998	1150804126	7.7	14.3	6.6	31823401
05/02/2019	24	4186.8	996892601	0.9998	996736459	8.1	14.4	6.3	26425210
06/02/2019	24	4186.8	1008109703	0.9998	1007976814	7.7	13.7	6	25875933
07/02/2019	24	4186.8	1068530000	0.9999	1068435890	6.8	12.5	5.6	25350756
08/02/2019	23	4186.8	1065961101	0.9999	1065859371	7	13.3	6.3	28514969
09/02/2019	0								
10/02/2019	0								
11/02/2019	0								
12/02/2019	15	4186.8	413927000	0.9998	413883647	7.1	13.3	6.1	10720197
13/02/2019	8	4186.8	220809000	0.9998	220782502	7.4	12.9	5.4	5020375
14/02/2019	20	4186.8	575270000	0.9998	575210099	7.1	12.6	5.4	13211498

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/02/2019	1	4186.8	28852000	0.9998	28848537	7.2	8.6	1.3	165472
16/02/2019	0								
17/02/2019	0								
18/02/2019	19	4186.8	525803000	0.9997	525696011	8.6	14.1	5.4	12214806
19/02/2019	13	4186.8	345540000	0.9997	345452132	9.4	14.9	5.4	7913391
20/02/2019	18	4186.8	505326000	0.9998	505243305	8.2	13.9	5.6	12050428
21/02/2019	24	4186.8	682378000	0.9998	682279048	7.9	14	6.1	17475312
22/02/2019	23	4186.8	693671000	0.9998	693559586	8.2	13.7	5.4	16012345
23/02/2019	0								
24/02/2019	0								
25/02/2019	20	4186.8	571695000	0.9998	571584371	8.4	14.1	5.7	13768002
26/02/2019	1	4186.8	28338000	0.9997	28330632	9.6	11.6	1.9	231298
27/02/2019	19	4186.8	555020000	0.9996	554845123	10	15.2	5.1	12130159
28/02/2019	18	4186.8	511280000	0.9996	511106394	10.2	15.8	5.5	11930380
Totale/Media	390	4186.8	13820542000	0.9998	13818495266	8	13.4	5.3	338398000

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Marzo 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/03/2019	0								
02/03/2019	0								
03/03/2019	0								
04/03/2019	0								
05/03/2019	8	4186.8	225947000	0.9996	225873204	10	15.8	5.8	5584427
06/03/2019	0								
07/03/2019	0								
08/03/2019	0								
09/03/2019	0								
10/03/2019	0								
11/03/2019	22	4186.8	935228000	0.9997	934982033	9.5	13.7	4.1	15739841
12/03/2019	24	4186.8	693433000	0.9997	693250355	9.5	15.7	6.2	18084962
13/03/2019	24	4186.8	726739500	0.9996	726491845	10.2	16	5.7	17339553
14/03/2019	24	4186.8	990089398	0.9996	989714897	10.6	17.3	6.7	28069142

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/03/2019	24	4186.8	1058779800	0.9995	1058346803	10.9	17.7	6.7	30063065
16/03/2019	24	4186.8	1049360000	0.9995	1048926852	10.9	17.2	6.2	27920731
17/03/2019	11	4186.8	531326000	0.9997	531174795	9.8	16.6	6.7	15090436
18/03/2019	24	4186.8	1089062796	0.9996	1088638204	10.9	17.3	6.4	29645977
19/03/2019	24	4186.8	1135503460	0.9995	1134940392	11.8	18.9	7	33618527
20/03/2019	24	4186.8	1132223900	0.9995	1131728276	11.3	17.6	6.2	29751820
21/03/2019	18	4186.8	751185199	0.9996	750919873	10.5	13.4	2.8	9020876
22/03/2019	18	4186.8	532103000	0.9996	531904411	10.5	14.9	4.3	9691984
23/03/2019	17	4186.8	676633000	0.9995	676355655	11	16.2	5.1	15006695
24/03/2019	24	4186.8	1077935000	0.9995	1077482065	11	16.6	5.5	25367048
25/03/2019	22	4186.8	1037772000	0.9995	1037302157	11.4	17.2	5.7	25056911
26/03/2019	24	4186.8	1143290000	0.9995	1142807610	11.2	17.8	6.6	31719072
27/03/2019	24	4186.8	1134561000	0.9995	1134083194	11.2	17.5	6.3	30173021
28/03/2019	24	4186.8	1106713000	0.9995	1106247014	11.2	18.1	6.9	31996832
29/03/2019	24	4186.8	1104095000	0.9995	1103563062	11.9	18.8	6.9	32064356
30/03/2019	24	4186.8	1074163500	0.9995	1073647242	11.7	17.7	6	27418954
31/03/2019	24	4186.8	1035781000	0.9994	1035254112	11.9	17.6	5.6	24209834
Totale/Media	476	4186.8	20241924556	0.9996	20233634062	10.9	16.8	5.9	512634073

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Aprile 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/04/2019	24	4186.8	1050025000	0.9993	1049394347	12.7	19.3	6.5	29442556
02/04/2019	24	4186.8	869189000	0.999	868374225	15.2	22	6.7	24943470
03/04/2019	24	4186.8	1072392000	0.9994	1071758193	12.6	19.6	7	31538975
04/04/2019	24	4186.8	1104756000	0.9995	1104258859	11.4	18.2	6.8	31545948
05/04/2019	24	4186.8	1113426000	0.9996	1112994576	10.8	17.8	6.9	32560680
06/04/2019	24	4186.8	1105233000	0.9995	1104786701	11	17.1	6.1	28367575
07/04/2019	24	4186.8	1000770000	0.9995	1000370938	10.9	16.8	5.8	24804905
08/04/2019	24	4186.8	1105591000	0.9995	1105108952	11.3	17.5	6.2	28849052
09/04/2019	24	4186.8	1100500000	0.9993	1099799110	12.9	19.6	6.6	30644761
10/04/2019	24	4186.8	1133052000	0.9991	1132045440	14.8	21.2	6.3	30258069
11/04/2019	24	4186.8	1178460000	0.9991	1177416926	14.8	21.5	6.6	32725509
12/04/2019	24	4186.8	1148899000	0.9992	1148018448	14	20.4	6.3	30451294
13/04/2019	24	4186.8	1141710000	0.9994	1141033535	12.7	19.8	7	33625017
14/04/2019	24	4186.8	1037485000	0.9995	1037041979	11.2	17.5	6.2	27418920

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/04/2019	24	4186.8	1175441000	0.9995	1174891124	11.6	17.8	6.2	30804021
16/04/2019	24	4186.8	1140346000	0.9993	1139651110	12.9	20	7.1	33984392
17/04/2019	24	4186.8	1121618820	0.9991	1120702773	14.3	21.2	6.8	32136636
18/04/2019	24	4186.8	1095906097	0.9989	1094780781	15.6	22.4	6.7	30848634
19/04/2019	24	4186.8	1086378937	0.9989	1085256209	15.7	22.4	6.6	30281416
20/04/2019	17	4186.8	709988824	0.999	709281545	15.5	21.3	5.7	17331755
21/04/2019	0								
22/04/2019	0								
23/04/2019	15	4186.8	716126117	0.9993	715631990	13.2	19.3	6	18282083
24/04/2019	24	4186.8	1120472687	0.9993	1119748041	13.1	18.1	4.9	23373404
25/04/2019	24	4186.8	1093728710	0.9994	1093116222	12.2	17.5	5.2	23930356
26/04/2019	24	4186.8	1053570718	0.9993	1052870710	13.1	17.5	4.4	19652588
27/04/2019	24	4186.8	1056802000	0.9993	1056150285	12.8	16.6	3.7	16697642
28/04/2019	24	4186.8	830672500	0.9994	830189120	12.8	17.7	4.8	15871109
29/04/2019	24	4186.8	1048796000	0.9994	1048197028	12.5	19.2	6.7	29743779
30/04/2019	24	4186.8	1119834000	0.9994	1119204875	12.5	19.3	6.8	32043261
Totale/Media	656	4186.8	29531170414	0.9993	29512074052	13	19.2	6.2	772157821

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Maggio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/05/2019	24	4186.8	996221000	0.9993	995596114	13	19.4	6.4	27124957
02/05/2019	24	4186.8	1076415398	0.9993	1075673715	13.4	19.3	5.8	26962187
03/05/2019	24	4186.8	1115560000	0.9993	1114844721	13.1	19.5	6.4	30044392
04/05/2019	24	4186.8	1099862300	0.9993	1099143792	13.2	19.7	6.4	29714470
05/05/2019	24	4186.8	1017377968	0.9994	1016808853	12.4	18.2	5.7	24750161
06/05/2019	22	4186.8	946140050	0.9994	945613253	12.4	17.9	5.5	22232771
07/05/2019	12	4186.8	344930974	0.9994	344736378	12.5	16.8	4.3	6218280
08/05/2019	20	4186.8	922009312	0.9994	921508125	12.4	19.1	6.7	25863539
09/05/2019	24	4186.8	1037960183	0.9994	1037367019	12.6	18.8	6.1	26748172
10/05/2019	23	4186.8	642949458	0.9993	642508498	13.4	18.9	5.4	14742677
11/05/2019	0								
12/05/2019	0								
13/05/2019	21	4186.8	983719000	0.9993	983125361	12.7	19.2	6.4	26763262
14/05/2019	21	4186.8	633437000	0.9993	633038448	12.9	17.9	4.9	13154493

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/05/2019	0								
16/05/2019	21	4186.8	999836519	0.9993	999194619	13	19	6	25147717
17/05/2019	24	4186.8	1110300410	0.9993	1109595921	13.1	19.9	6.7	31556942
18/05/2019	24	4186.8	1052961669	0.9994	1052355773	12.8	18.9	6	27442534
19/05/2019	24	4186.8	1003738000	0.9994	1003145274	12.6	18.7	6.1	26250211
20/05/2019	24	4186.8	1042054960	0.9994	1041471410	12.6	19.4	6.8	30124425
21/05/2019	24	4186.8	1101957759	0.9993	1101215515	13.2	19.1	5.9	27341982
22/05/2019	24	4186.8	1094253953	0.9992	1093377334	14.2	20	5.8	26940137
23/05/2019	24	4186.8	1125830000	0.9991	1124872051	14.6	20.9	6.3	29985531
24/05/2019	24	4186.8	1124294000	0.9991	1123337092	14.6	20.5	5.8	27703371
25/05/2019	24	4186.8	1126782000	0.9991	1125819290	14.5	20.5	5.9	28182133
26/05/2019	24	4186.8	695666000	0.9992	695117123	14.3	19.4	5	14833661
27/05/2019	24	4186.8	1074981800	0.9991	1074089565	14.1	20.3	6.2	28493885
28/05/2019	24	4186.8	1139832000	0.9992	1138979232	13.9	19.9	6	28703231
29/05/2019	24	4186.8	1050722800	0.9992	1049919011	14	20.7	6.6	29763801
30/05/2019	23	4186.8	1050387300	0.9991	1049505522	14.7	19.5	4.8	21575496
31/05/2019	7	4186.8	201766000	0.9991	201594225	14.5	19.9	5.3	4554864
Totale/Media	626	4186.8	26811947824	0.9993	26793553247	13.4	19.3	5.9	682919297

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Giugno 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/06/2019	0								
02/06/2019	0								
03/06/2019	20	4186.8	955797679	0.9988	954676042	16.7	22.5	5.8	23427500
04/06/2019	21	4186.8	992934289	0.9988	991755759	16.7	22.2	5.5	22910516
05/06/2019	19	4186.8	834733847	0.9987	833653587	17.2	22.9	5.7	20550879
06/06/2019	24	4186.8	1146038000	0.9987	1144610871	17.1	23.2	6	29034968
07/06/2019	21	4186.8	992383601	0.9987	991173659	16.8	22.2	5.4	22818139
08/06/2019	9	4186.8	416865000	0.9987	416319778	17.4	22.1	4.7	8646133
09/06/2019	24	4186.8	1162061000	0.9988	1160736250	16.4	22.4	6	29187608
10/06/2019	24	4186.8	1049024259	0.9987	1047733588	16.9	22.6	5.7	25355238
11/06/2019	24	4186.8	930332183	0.9985	929010135	17.9	23.5	5.6	22698899
12/06/2019	24	4186.8	1089049582	0.9985	1087486789	18.1	24.4	6.3	28987833
13/06/2019	24	4186.8	1078959900	0.9987	1077579086	17.3	23.1	5.7	26285032
14/06/2019	24	4186.8	1063249500	0.9987	1061950352	16.8	21.9	5	22538543

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/06/2019	23	4186.8	668445000	0.9986	667536370	17.6	22.7	5.1	14363290
16/06/2019	0								
17/06/2019	17	4186.8	488294572	0.9983	487490542	19.1	24.2	5	10603635
18/06/2019	24	4186.8	1060591748	0.9982	1058744211	19.7	26.2	6.4	28937443
19/06/2019	24	4186.8	1087169699	0.9982	1085217633	19.9	26.1	6.1	28459179
20/06/2019	21	4186.8	917251699	0.9981	915578059	20.1	25.2	5.1	20055824
21/06/2019	24	4186.8	1105240000	0.9982	1103333710	19.6	23.7	4	18732617
22/06/2019	0								
23/06/2019	0								
24/06/2019	21	4186.8	835407199	0.9979	833642883	21.3	26.9	5.5	20161678
25/06/2019	24	4186.8	893378775	0.9977	891385621	21.7	27	5.2	19853595
26/06/2019	24	4186.8	887775673	0.9978	885839722	21.6	27.1	5.5	20524857
27/06/2019	20	4186.8	759151410	0.9977	757448874	21.9	27	5.1	16643852
28/06/2019	11	4186.8	446602724	0.9977	445600589	21.9	26.8	4.9	9307364
29/06/2019	24	4186.8	688619671	0.9975	686962776	22.6	27.9	5.3	15409649
30/06/2019	0								
Totale/Media	515	4186.8	21549357017	0.9983	21515466898	18.8	24.3	5.4	505494280

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Luglio 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/07/2019	21	4186.8	800551000	0.9979	798859893	21.4	26.2	4.8	16857969
02/07/2019	18	4186.8	862395000	0.9977	860475301	21.8	28.1	6.2	22592996
03/07/2019	22	4186.8	1042734023	0.9975	1040172532	22.9	29.2	6.3	27718889
04/07/2019	24	4186.8	1146085238	0.9974	1143132406	23.4	30.2	6.7	32423075
05/07/2019	24	4186.8	1147591660	0.9972	1144480114	24	31	7	33650240
06/07/2019	5	4186.8	153092000	0.9971	152658749	24.3	28.4	4	2645450
07/07/2019	0								
08/07/2019	21	4186.8	1016128085	0.9971	1013247634	24.4	30.7	6.2	26406049
09/07/2019	24	4186.8	1152578515	0.9971	1149277174	24.6	31.3	6.7	32322311
10/07/2019	20	4186.8	598987531	0.9972	597312809	24.4	29.5	5.1	12892232
11/07/2019	20	4186.8	589478152	0.9974	587957298	23.4	28.3	4.9	12144246
12/07/2019	20	4186.8	789674044	0.9976	787796001	22.5	28	5.4	18650525
13/07/2019	24	4186.8	1144394000	0.9975	1141617618	22.6	28.9	6.2	30018202
14/07/2019	20	4186.8	805379000	0.9975	803426460	22.6	27.9	5.2	18212591

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/07/2019	24	4186.8	1137186000	0.9977	1134601028	22.1	27.3	5.1	24681525
16/07/2019	24	4186.8	935457000	0.9975	933239764	22.8	28.5	5.7	22438028
17/07/2019	24	4186.8	1068848000	0.9974	1066153001	23.2	29.2	6	26932027
18/07/2019	23	4186.8	1111967000	0.9974	1109091940	23.4	29.6	6.1	28572400
19/07/2019	19	4186.8	900241000	0.9974	897935859	23.4	29.5	6	22819385
20/07/2019	24	4186.8	1140612000	0.9974	1137745687	23.1	29.4	6.2	29653717
21/07/2019	24	4186.8	1139052000	0.9975	1136208719	23.1	29.6	6.4	30821921
22/07/2019	24	4186.8	1134795000	0.9972	1131731040	23.9	30.7	6.7	32128860
23/07/2019	24	4186.8	1146416000	0.9972	1143290298	23.9	30.8	6.8	33005813
24/07/2019	24	4186.8	1150914000	0.9972	1147775688	24	30.9	6.9	33529442
25/07/2019	24	4186.8	1145402000	0.9972	1142290776	24.1	31.1	7	33712889
26/07/2019	24	4186.8	1144988000	0.9971	1141707332	24.5	31.1	6.5	31091109
27/07/2019	24	4186.8	1145202000	0.9972	1142068365	24.1	30.7	6.6	31607988
28/07/2019	24	4186.8	757771281	0.9974	755849940	23.3	28.6	5.3	16856447
29/07/2019	23	4186.8	922836175	0.9971	920197752	24.4	28.6	4.2	15818902
30/07/2019	13	4186.8	562485164	0.9969	560762760	25.4	28.7	3.3	7638744
31/07/2019	19	4186.8	767640955	0.997	765336675	25	29.4	4.4	13497150
Totale/Media	648	4186.8	28560881828	0.9973	28486400629	23.5	29.4	5.8	721341136

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Agosto 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
01/08/2019	15	4186.8	693569000	0.9971	691593534	24.6	27.7	3	8950918
02/08/2019	0								
03/08/2019	0								
04/08/2019	11	4186.8	346199000	0.9972	345254296	24	29.1	5	7212492
05/08/2019	24	4186.8	1154516000	0.9972	1151367315	24	30.5	6.5	31680903
06/08/2019	24	4186.8	1157405000	0.9971	1154114390	24.5	31	6.5	31782317
07/08/2019	23	4186.8	755222000	0.9974	753277976	23.4	28	4.5	13925636
08/08/2019	16	4186.8	480011000	0.9976	478883857	22.5	27.1	4.6	9250148
09/08/2019	4	4186.8	189518000	0.9972	189006394	23.9	27.7	3.8	3068076
10/08/2019	18	4186.8	873277000	0.9973	870953671	23.7	29.2	5.4	20214624
11/08/2019	0								
12/08/2019	0								
13/08/2019	1	4186.8	4030959	0.9969	4018504	25.1	26.5	1.3	23554
14/08/2019	8	4186.8	381072039	0.9972	380041965	23.9	28.2	4.3	6887425

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/08/2019	24	4186.8	1108497000	0.9974	1105688124	23.3	29.1	5.8	27274522
16/08/2019	24	4186.8	1134168000	0.9974	1131269824	23.3	29.8	6.4	30369535
17/08/2019	24	4186.8	1130155000	0.9974	1127244299	23.4	29.4	6	28515082
18/08/2019	24	4186.8	1027388000	0.9974	1024737505	23.5	29.8	6.3	27122068
19/08/2019	24	4186.8	952771000	0.9971	950061417	24.3	30	5.7	23032118
20/08/2019	24	4186.8	1129866000	0.9971	1126594035	24.7	31.1	6.4	30212956
21/08/2019	24	4186.8	1130195320	0.9971	1126982082	24.5	30.8	6.2	29694152
22/08/2019	24	4186.8	1120376410	0.9972	1117334116	24	30.2	6.2	29114821
23/08/2019	24	4186.8	1062770181	0.9973	1059913431	23.7	29.6	5.8	25977486
24/08/2019	24	4186.8	921659134	0.9974	919301032	23.5	29.2	5.6	21874186
25/08/2019	24	4186.8	1134877261	0.9974	1131931719	23.5	30.4	6.9	32731304
26/08/2019	24	4186.8	1134959609	0.9972	1131802693	24.1	31.5	7.3	34890064
27/08/2019	24	4186.8	1156500003	0.9971	1153223705	24.4	31.6	7.1	34655481
28/08/2019	24	4186.8	1143533171	0.9972	1140439636	24	30.8	6.8	32832817
29/08/2019	24	4186.8	1141577734	0.9972	1138463788	24	30.8	6.8	32609481
30/08/2019	24	4186.8	1143676000	0.9971	1140424499	24.5	31.8	7.3	35069401
31/08/2019	24	4186.8	1137813000	0.9972	1134675834	24.3	31.6	7.3	35109160
Totale/Media	552	4186.8	24745602827	0.9972	24678599653	23.9	29.7	5.7	644080741

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Settembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/09/2019	24	4186.8	1107313261	0.9973	1104412464	23.6	29.6	5.9	27809868
02/09/2019	24	4186.8	1125541468	0.9973	1122529652	23.7	30.8	7.1	33436116
03/09/2019	24	4186.8	1172246000	0.9973	1169194530	23.6	30.6	7	34476660
04/09/2019	24	4186.8	1150217000	0.9974	1147243928	23.4	30.2	6.7	32491729
05/09/2019	24	4186.8	1127448000	0.9975	1124658374	23	30.5	7.4	35084557
06/09/2019	24	4186.8	1114424000	0.9977	1111901425	22.1	29.6	7.4	34884362
07/09/2019	24	4186.8	1142195000	0.9979	1139826681	21.4	28.3	6.9	33098946
08/09/2019	24	4186.8	1065395000	0.998	1063316813	20.7	26	5.2	23438205
09/09/2019	21	4186.8	893137000	0.9982	891562325	19.7	25.3	5.5	21508736
10/09/2019	10	4186.8	273053332	0.9982	272579132	19.8	24.3	4.5	5240686
11/09/2019	21	4186.8	704346587	0.998	702953479	20.7	25.6	4.9	14859781
12/09/2019	19	4186.8	653070195	0.9979	651742710	20.9	25.8	4.9	13594360
13/09/2019	18	4186.8	552867552	0.9978	551700380	21.4	25.9	4.4	10329821
14/09/2019	8	4186.8	383782230	0.9977	382935249	21.7	28.1	6.4	10255583

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/09/2019	24	4186.8	1171334222	0.9979	1168957992	21.1	27.3	6.2	30357742
16/09/2019	24	4186.8	1129571773	0.9978	1127109272	21.8	28.5	6.7	31971058
17/09/2019	20	4186.8	953570902	0.9976	951341545	22.5	28.8	6.3	25443141
18/09/2019	19	4186.8	899908000	0.9977	897848141	22.4	28.7	6.3	23931083
19/09/2019	19	4186.8	883785000	0.9978	881857229	21.7	28.1	6.4	23958107
20/09/2019	19	4186.8	556841000	0.998	555744340	20.5	26.7	6.1	14260795
21/09/2019	0								
22/09/2019	0								
23/09/2019	11	4186.8	324578158	0.9983	324026375	19.7	24.2	4.5	6278648
24/09/2019	20	4186.8	971990785	0.9983	970387398	19.3	25.9	6.6	26848029
25/09/2019	24	4186.8	1136682000	0.9983	1134749789	19.4	26.7	7.2	34678818
26/09/2019	24	4186.8	1129918000	0.9982	1127978131	19.5	26.8	7.2	34451876
27/09/2019	24	4186.8	1137948000	0.9982	1135975457	19.6	26.9	7.2	34456249
28/09/2019	24	4186.8	1134878000	0.9982	1132892076	19.7	27	7.2	34587949
29/09/2019	24	4186.8	1133734949	0.9982	1131731556	19.7	25.5	5.8	27702368
30/09/2019	24	4186.8	1137780789	0.9981	1135700639	20	26.3	6.2	29707617
Totale/Media	589	4186.8	26167558208	0.9979	26112857098	21.2	27.4	6.2	709142903

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Ottobre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/10/2019	24	4186.8	1134412902	0.9981	1132333158	20.2	27.5	7.3	34736872
02/10/2019	21	4186.8	982268539	0.9981	980426790	20.4	27.2	6.8	28073280
03/10/2019	24	4186.8	1142218000	0.9982	1140247650	19.6	26.7	7.1	34018110
04/10/2019	24	4186.8	1140720000	0.9984	1138980424	18.6	25.5	6.9	32933438
05/10/2019	24	4186.8	1113338000	0.9985	1111710701	18.3	24.5	6.2	29567530
06/10/2019	0								
07/10/2019	0								
08/10/2019	0								
09/10/2019	0								
10/10/2019	0								
11/10/2019	0								
12/10/2019	0								
13/10/2019	0								
14/10/2019	0								

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/10/2019	0								
16/10/2019	0								
17/10/2019	0								
18/10/2019	0								
19/10/2019	0								
20/10/2019	1	4186.8	48989000	0.9988	48933152	16.1	18	1.9	395405
21/10/2019	0								
22/10/2019	0								
23/10/2019	0								
24/10/2019	23	4186.8	1086561554	0.9988	1085322874	16.7	22.5	5.8	26212308
25/10/2019	24	4186.8	1117550277	0.9988	1116242642	16.7	22.8	6	28372024
26/10/2019	24	4186.8	1124526234	0.9988	1123244274	16.4	22.3	5.8	27381195
27/10/2019	24	4186.8	1130141148	0.9988	1128852787	16.4	22	5.5	26289892
28/10/2019	24	4186.8	1077719792	0.9988	1076491192	16.4	22.8	6.4	29114030
29/10/2019	24	4186.8	1132663468	0.9988	1131372232	16.4	23.3	6.8	32632593
30/10/2019	24	4186.8	1123904000	0.9988	1122637748	16.1	22.7	6.6	31199901
31/10/2019	24	4186.8	1125559000	0.999	1124455952	15.6	21.6	6	28267411
Totale/Media	309	4186.8	14480571917	0.9986	14461251583	17.4	23.5	6.1	389193996

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Novembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/11/2019	24	4186.8	1136537687	0.999	1135423880	15.4	20.8	5.4	25881746
02/11/2019	24	4186.8	1146555000	0.999	1145445753	15.1	19.2	4.1	19798213
03/11/2019	17	4186.8	759288000	0.9991	758657790	14.6	19.1	4.5	14707394
04/11/2019	19	4186.8	898140156	0.9992	897467932	13.8	20	6.1	23031206
05/11/2019	24	4186.8	1066719951	0.9991	1065840713	14.3	20.4	6.1	27790712
06/11/2019	24	4186.8	1020653238	0.9993	1019955192	13.4	19.5	6	25908599
07/11/2019	24	4186.8	1144253792	0.9993	1143495332	13.2	19.7	6.5	31222600
08/11/2019	24	4186.8	1101838474	0.9993	1101078206	13.2	18.8	5.6	25951109
09/11/2019	24	4186.8	1138103464	0.9993	1137361770	13.2	19.4	6.1	29501971
10/11/2019	24	4186.8	974077507	0.9993	973432448	13.2	18.8	5.6	22903018
11/11/2019	24	4186.8	1151135390	0.9992	1150299923	13.6	20.5	6.8	33006052
12/11/2019	24	4186.8	1117068332	0.9992	1116259314	13.7	19.7	6	28414966
13/11/2019	24	4186.8	1137180671	0.9992	1136343034	13.6	19.6	6	28593080
14/11/2019	24	4186.8	1125602000	0.9993	1124861764	13.3	19.4	6.1	29102059

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/11/2019	24	4186.8	1105773000	0.9993	1105051268	13.2	18.7	5.5	25645211
16/11/2019	24	4186.8	1125539648	0.9994	1124872793	12.6	19.5	6.8	32486866
17/11/2019	24	4186.8	1098513691	0.9994	1097908467	12.3	18.8	6.5	30305803
18/11/2019	24	4186.8	1058270820	0.9994	1057686611	12.3	18.7	6.3	28265254
19/11/2019	24	4186.8	1090591000	0.9993	1089905340	13.1	20	6.9	31672741
20/11/2019	24	4186.8	1111440378	0.9993	1110751654	13.1	19.4	6.3	29403486
21/11/2019	24	4186.8	1121571031	0.9992	1120757800	13.6	20.4	6.7	31888871
22/11/2019	24	4186.8	1108042445	0.9993	1107277896	13.5	19.8	6.2	29126049
23/11/2019	24	4186.8	1085004710	0.9994	1084356202	12.7	19.6	6.9	31433936
24/11/2019	24	4186.8	1070646421	0.9994	1070071424	12.1	18.5	6.3	28649732
25/11/2019	24	4186.8	1093341800	0.9994	1092729529	12.4	18.7	6.3	28989808
26/11/2019	24	4186.8	1099472312	0.9994	1098897138	12	18.3	6.2	28819291
27/11/2019	24	4186.8	1082573000	0.9994	1081991209	12	18.9	6.9	31394956
28/11/2019	18	4186.8	796322000	0.9995	795923839	11.9	17.9	6	20165589
29/11/2019	17	4186.8	729684000	0.9995	729355642	11.4	15	3.5	10761554
30/11/2019	0								
Totale/Media	671	4186.8	30693939929	0.9993	30673459875	13.2	19.2	6	784821886

Centrale di Tavazzano - Montanaso

TZ5: carico termico giornaliero sul corpo idrico ricevente

Dicembre 2019

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc)	Densità(Kg/dmc)	Massa(Kg)	T_Ingresso	T_Uscita	DeltaT	Q Mod5(MJ)
			[Totale]	[Media]	[Totale]	[Media]	[Media]	[Media]	[Totale]
01/12/2019	0								
02/12/2019	20	4186.8	908137000	0.9995	907695778	11.7	17.9	6.1	23724826
03/12/2019	24	4186.8	1100159000	0.9994	1099572918	12.2	18.7	6.4	29813016
04/12/2019	24	4186.8	1111729000	0.9994	1111151623	12	18.7	6.7	31194620
05/12/2019	24	4186.8	1106117000	0.9996	1105682305	10.8	17.3	6.4	30014742
06/12/2019	24	4186.8	1106467000	0.9996	1106084107	10.4	17.4	6.9	32046044
07/12/2019	24	4186.8	1098133000	0.9996	1097716523	10.7	17.1	6.4	29540509
08/12/2019	24	4186.8	1110834000	0.9996	1110445208	10.2	15.9	5.7	26589619
09/12/2019	24	4186.8	1110873000	0.9995	1110407569	11	17.5	6.4	30126815
10/12/2019	24	4186.8	1107137000	0.9995	1106670966	11.2	17.5	6.2	28989225
11/12/2019	24	4186.8	1118185000	0.9996	1117837340	10.1	16.9	6.7	31811513
12/12/2019	24	4186.8	1114522000	0.9997	1114232224	9.6	15.7	6	28377090
13/12/2019	24	4186.8	1113183000	0.9997	1112897207	9.1	15.9	6.7	31435408
14/12/2019	24	4186.8	1111402000	0.9997	1111161296	8.9	15.5	6.5	30425544

Giorno	Ore_Funz	Cp(J/Kg*°K)	Flusso(dmc) [Totale]	Densità(Kg/dmc) [Media]	Massa(Kg) [Totale]	T_Ingresso [Media]	T_Uscita [Media]	DeltaT [Media]	Q Mod5(MJ) [Totale]
15/12/2019	24	4186.8	959311994	0.9997	959062573	9.2	14.2	5	19900579
16/12/2019	24	4186.8	1108232554	0.9996	1107853709	10.2	16	5.7	26804030
17/12/2019	24	4186.8	1104234425	0.9996	1103819942	10.3	16.2	5.8	27144419
18/12/2019	24	4186.8	994481000	0.9996	994132931	10.1	16.3	6.2	26222914
19/12/2019	24	4186.8	1058483000	0.9996	1058112530	10.2	15.3	5	22614261
20/12/2019	23	4186.8	643543000	0.9996	643317759	10.3	15.4	5	13754912
21/12/2019	0								
22/12/2019	16	4186.8	702976771	0.9997	702793138	9.8	12.9	3	8624607
23/12/2019	24	4186.8	1105461929	0.9997	1105174509	9.6	12.6	3	13958758
24/12/2019	24	4186.8	677482000	0.9997	677305854	9.4	14.4	5	14147018
25/12/2019	24	4186.8	851375000	0.9997	851161082	9.2	14.5	5.2	19054333
26/12/2019	20	4186.8	562757000	0.9997	562631646	9	13.8	4.8	11328187
27/12/2019	24	4186.8	1020247000	0.9997	1020037282	8.8	14.5	5.6	24477529
28/12/2019	24	4186.8	1061377000	0.9997	1061162586	8.8	13.8	5	22574757
29/12/2019	24	4186.8	991831000	0.9998	991652470	8.7	14.7	5.9	25295998
30/12/2019	24	4186.8	1074443000	0.9998	1074249600	8.8	13.5	4.7	21297601
31/12/2019	24	4186.8	725798000	0.9998	725667356	8.5	13.6	5.1	15085922
Totale/Media	679	4186.8	28858912675	0.9996	28849690046	10	15.6	5.6	696374810