



## Ermittlung des Fremdwasseranteils

nach der Methode des Gleitenden Minimums (ATV-DVWK)

Eingesetzte Daten:

**Jahr:**

2020

**Anzahl der gültigen Werte der täglichen Abflussmenge ( $Q_d$ -Werte):**

366

**jährlicher Schmutzwasserabfluss ( $Q_{S,a}$ ):**

125.367 m<sup>3</sup>/a

Ergebnis:

**Anzahl der Trockenwettertage (TW-Tage):**

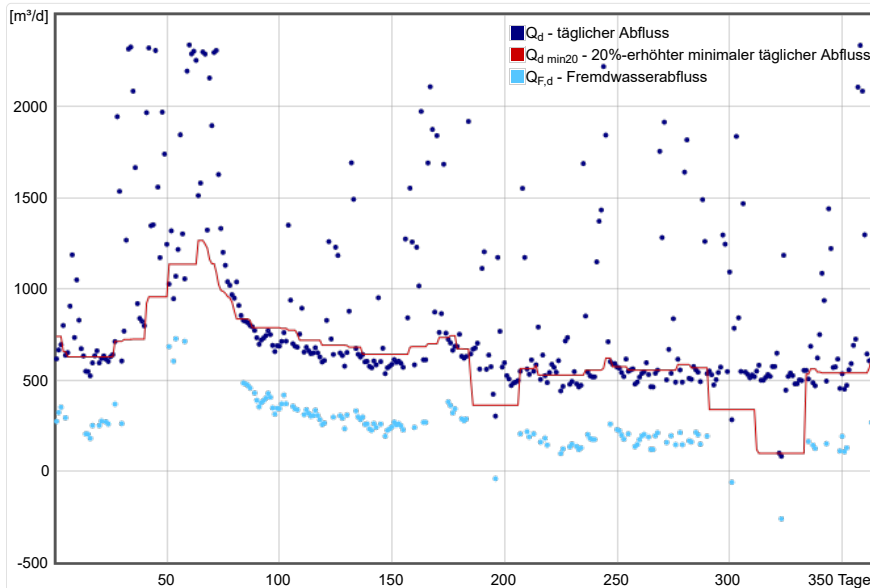
144

**geschätzter jährlicher Fremdwasserabfluss ( $Q_{F,a}$ ):**

93.572 m<sup>3</sup>/a

**ermittelter Fremdwasseranteil:**

43 %



Einzelwerte



Tag	$Q_d$	$Q_d$ min	$Q_d$ min20	$Q_{F,d}$	Wertebereich
1	615	615	738	272	[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827]
2	664	615	738	321	[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671]
3	693	615	738	350	[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631]

Tag	Q <sub>d</sub>	Q <sub>d min</sub>	Q <sub>d min20</sub>	Q <sub>F,d</sub>	Wertebereich
4	798	547	656		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547]
5	635	545	654	292	[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545]
6	649	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522]
7	904	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593]
8	1185	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632]
9	732	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659]
10	1048	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593]
11	827	522	626		[615, 664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617]
12	671	522	626		[664, 693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631]
13	631	522	626		[693, 798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613]
14	547	522	626	204	[798, 635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601]
15	545	522	626	202	[635, 649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627]
16	522	522	626	179	[649, 904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638]
17	593	522	626	250	[904, 1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710]
18	632	522	626		[1185, 732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943]
19	659	522	626		[732, 1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534]
20	593	522	626	250	[1048, 827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603]
21	617	522	626	274	[827, 671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767]
22	631	522	626		[671, 631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266]
23	613	522	626	270	[631, 547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314]
24	601	522	626	258	[547, 545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325]
25	627	522	626		[545, 522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083]
26	638	522	626		[522, 593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664]
27	710	593	711	367	[593, 632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918]
28	1943	593	711		[632, 659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837]
29	1534	593	711		[659, 593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821]
30	603	593	711	260	[593, 617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796]
31	767	601	721		[617, 631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965]
32	1266	601	721		[631, 613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320]
33	2314	601	721		[613, 601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345]
34	2325	601	721		[601, 627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350]
35	2083	603	723		[627, 638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306]
36	1664	603	723		[638, 710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557]
37	918	603	723		[710, 1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170]
38	837	603	723		[1943, 1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968]
39	821	603	723		[1534, 603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738]
40	796	603	723		[603, 767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243]
41	1965	767	920		[767, 1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025]
42	2320	796	955		[1266, 2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317]
43	1345	796	955		[2314, 2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945]
44	1350	796	955		[2325, 2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068]
45	2306	796	955		[2083, 1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215]
46	1557	796	955		[1664, 918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844]
47	1170	796	955		[918, 837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300]
48	1968	796	955		[837, 821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054]
49	1738	796	955		[821, 796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193]

Tag	Q <sub>d</sub>	Q <sub>d min</sub>	Q <sub>d min20</sub>	Q <sub>F,d</sub>	Wertebereich
50	1243	796	955		[796, 1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336]
51	1025	945	1134	682	[1965, 2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287]
52	1317	945	1134		[2320, 1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302]
53	945	945	1134	602	[1345, 1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252]
54	1068	945	1134	725	[1350, 2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510]
55	1215	945	1134		[2306, 1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579]
56	1844	945	1134		[1557, 1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298]
57	1300	945	1134		[1170, 1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286]
58	1054	945	1134	711	[1968, 1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321]
59	2193	945	1134		[1738, 1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155]
60	2336	945	1134		[1243, 1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894]
61	2287	945	1134		[1025, 1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295]
62	2302	945	1134		[1317, 945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306]
63	2252	945	1134		[945, 1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626]
64	1510	1054	1264		[1068, 1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330]
65	1579	1054	1264		[1215, 1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199]
66	2298	1054	1264		[1844, 1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128]
67	2286	1038	1245		[1300, 1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038]
68	1321	1018	1221		[1054, 2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018]
69	2155	967	1160		[2193, 2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967]
70	1894	948	1137		[2336, 2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948]
71	2295	948	1137		[2287, 2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037]
72	2306	908	1089		[2302, 2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908]
73	1626	853	1023		[2252, 1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853]
74	1330	826	991		[1510, 1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826]
75	1199	821	985		[1579, 2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821]
76	1128	813	975		[2298, 2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813]
77	1038	798	957		[2286, 1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798]
78	1018	791	949		[1321, 2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791]
79	967	771	925		[2155, 1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771]
80	948	731	877		[1894, 2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731]
81	1037	695	834		[2295, 2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695]

Tag	Q <sub>d</sub>	Q <sub>d min</sub>	Q <sub>d min20</sub>	Q <sub>F,d</sub>	Wertebereich
82	908	695	834		[2306, 1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718]
83	853	695	834		[1626, 1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729]
84	826	695	834	483	[1330, 1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742]
85	821	695	834	478	[1199, 1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769]
86	813	695	834	470	[1128, 1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748]
87	798	689	826	455	[1038, 1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689]
88	791	655	786		[1018, 967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655]
89	771	655	786	428	[967, 948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687]
90	731	655	786	388	[948, 1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685]
91	695	655	786	352	[1037, 908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711]
92	718	655	786	375	[908, 853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759]
93	729	655	786	386	[853, 826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712]
94	742	655	786	399	[826, 821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348]
95	769	655	786	426	[821, 813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937]
96	748	655	786	405	[813, 798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698]
97	689	655	786	346	[798, 791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684]
98	655	655	786	312	[791, 771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679]
99	687	655	786	344	[771, 731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751]
100	685	655	786	342	[731, 695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893]
101	711	652	782	368	[695, 718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652]
102	759	652	782	416	[718, 729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679]
103	712	652	782	369	[729, 742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659]
104	1348	644	772		[742, 769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644]
105	937	644	772		[769, 748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647]
106	698	644	772	355	[748, 689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676]
107	684	644	772	341	[689, 655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648]
108	679	625	750	336	[655, 687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625]
109	751	598	717		[687, 685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598]
110	893	598	717		[685, 711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606]
111	652	598	717	309	[711, 759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826]
112	679	598	717	336	[759, 712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258]
113	659	598	717	316	[712, 1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724]
114	644	598	717	301	[1348, 937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639]
115	647	598	717	304	[937, 698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227]
116	676	598	717	333	[698, 684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182]
117	648	598	717	305	[684, 679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647]
118	625	598	717	282	[679, 751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633]
119	598	575	690	255	[751, 893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575]
120	606	575	690	263	[893, 652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650]
121	826	575	690		[652, 679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876]
122	1258	575	690		[679, 659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690]
123	724	575	690		[659, 644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490]
124	639	575	690	296	[644, 647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672]
125	1227	575	690		[647, 676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640]
126	1182	575	690		[676, 648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625]
127	647	575	690	304	[648, 625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639]

Tag	Q <sub>d</sub>	Q <sub>d min</sub>	Q <sub>d min20</sub>	Q <sub>F,d</sub>	Wertebereich
128	633	575	690	290	[625, 598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599]
129	575	575	690	232	[598, 606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601]
130	650	574	688	307	[606, 826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574]
131	876	566	679		[826, 1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566]
132	1690	566	679		[1258, 724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603]
133	1490	566	679		[724, 639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582]
134	672	566	679	329	[639, 1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950]
135	640	566	679	297	[1227, 1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600]
136	625	566	679	282	[1182, 647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673]
137	639	534	640	296	[647, 633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534]
138	599	534	640	256	[633, 575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566]
139	601	534	640	258	[575, 650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574]
140	574	534	640	231	[650, 876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585]
141	566	534	640	223	[876, 1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611]
142	603	534	640	260	[1690, 1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596]
143	582	534	640	239	[1490, 672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602]
144	950	534	640		[672, 640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591]
145	600	534	640	257	[640, 625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569]
146	673	534	640		[625, 639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272]
147	534	534	640	191	[639, 599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840]
148	566	534	640	223	[599, 601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551]
149	574	534	640	231	[601, 574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256]
150	585	534	640	242	[574, 566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582]
151	611	534	640	268	[566, 603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227]
152	596	534	640	253	[603, 582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015]
153	602	534	640	259	[582, 950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972]
154	591	534	640	248	[950, 600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610]
155	569	534	640	226	[600, 673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610]
156	1272	534	640		[673, 534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689]
157	840	534	640		[534, 566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107]
158	1551	566	679		[566, 574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873]
159	1256	569	682		[574, 585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872]
160	582	569	682	239	[585, 611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839]
161	1227	569	682		[611, 596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760]
162	1015	569	682		[596, 602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863]
163	1972	569	682		[602, 591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682]
164	610	569	682	267	[591, 569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756]
165	610	569	682	267	[569, 1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722]
166	1689	582	698		[1272, 840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702]
167	2107	582	698		[840, 1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662]
168	1873	582	698		[1551, 1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684]
169	872	582	698		[1256, 582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683]
170	1839	582	698		[582, 1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750]
171	760	610	732		[1227, 1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629]
172	863	610	732		[1015, 1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619]
173	1682	610	732		[1972, 610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628]

Tag	Q <sub>d</sub>	Q <sub>d min</sub>	Q <sub>d min20</sub>	Q <sub>F,d</sub>	Wertebereich
174	756	610	732		[610, 610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917]
175	722	610	732	379	[610, 1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642]
176	702	619	742	359	[1689, 2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668]
177	662	619	742	319	[2107, 1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674]
178	684	619	742	341	[1873, 872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701]
179	683	559	670		[872, 1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559]
180	750	559	670		[1839, 760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111]
181	629	559	670	286	[760, 863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202]
182	619	558	669	276	[863, 1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558]
183	628	558	669	285	[1682, 756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636]
184	1917	558	669		[756, 722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572]
185	642	421	505		[722, 702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421]
186	668	301	361		[702, 662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301]
187	674	301	361		[662, 684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171]
188	701	301	361		[684, 683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766]
189	559	301	361		[683, 750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570]
190	1111	301	361		[750, 629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594]
191	1202	301	361		[629, 619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523]
192	558	301	361		[619, 628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505]
193	636	301	361		[628, 1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469]
194	572	301	361		[1917, 642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483]
195	421	301	361		[642, 668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487]
196	301	301	361	-42	[668, 674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496]
197	1171	301	361		[674, 701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547]
198	766	301	361		[701, 559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550]
199	570	301	361		[559, 1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171]
200	594	301	361		[1111, 1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559]
201	523	301	361		[1202, 558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530]
202	505	301	361		[558, 636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609]
203	469	301	361		[636, 572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547]
204	483	301	361		[572, 421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582]
205	487	301	361		[421, 301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789]
206	496	301	361		[301, 1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502]
207	547	469	562	204	[1171, 766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636]
208	1550	469	562		[766, 570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523]
209	1171	469	562		[570, 594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485]
210	559	469	562	216	[594, 523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540]
211	530	469	562	187	[523, 505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585]
212	609	469	562		[505, 469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569]
213	547	469	562	204	[469, 483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542]
214	582	483	579		[483, 487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605]
215	789	439	526		[487, 496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605, 439]
216	502	439	526	159	[496, 547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605, 439, 464]
217	636	439	526		[547, 1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605, 439, 464, 713]
218	523	439	526	180	[1550, 1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605, 439, 464, 713, 732]
219	485	439	526	142	[1171, 559, 530, 609, 547, 582, 789, 502, 636, 523, 485, 540, 585, 569, 542, 605, 439, 464, 713, 732, 476]