



Ermittlung des Fremdwasseranteils

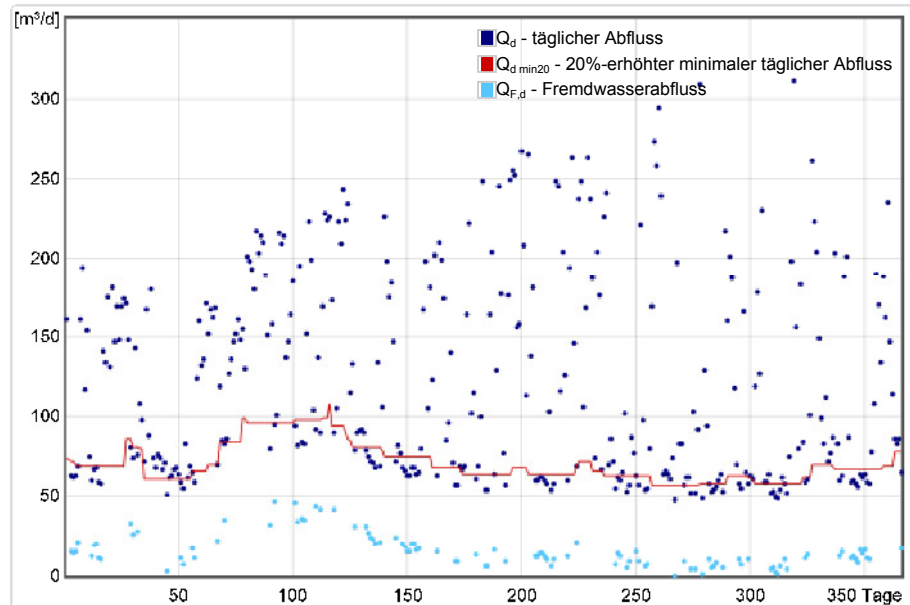
nach der Methode des Gleitenden Minimums (ATV-DVWK)

Eingesetzte Daten:

Jahr:
2008
Anzahl der gültigen Werte der täglichen Abflussmenge (Q_d -Werte):
365
jährlicher Schmutzwasserabfluss ($Q_{s,a}$):
17.435 m³/a

Ergebnis:

Anzahl der Trockenwettertage (TW-Tage):
105
geschätzter jährlicher Fremdwasserabfluss ($Q_{F,a}$):
5.735 m³/a
ermittelter Fremdwasseranteil:
25 %



Einzelwerte

Tag	Q_d	$Q_{d \min}$	$Q_{d \min 20}$	$Q_{F,d}$	Wertebereich
1	161	62	74		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75]
2					
3	63	60	72	15	[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67]
4	62	60	72	14	[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68]
5	63	59	70	15	[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59]
6	69	58	69	21	[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58]
7	161	58	69		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141]
8	194	58	69		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134]
9	117	58	69		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175]
10	154	58	69		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131]
11	75	58	69		[161, 63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181]
12	60	58	69	12	[63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147]
13	67	58	69	19	[63, 62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169]
14	68	58	69	20	[62, 63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148]
15	59	58	69	11	[63, 69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169]
16	58	58	69	10	[69, 161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174]
17	141	58	69		[161, 194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171]
18	134	58	69		[194, 117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148]
19	175	58	69		[117, 154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
20	131	58	69		[154, 75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74]
21	181	58	69		[75, 60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143]
22	147	58	69		[60, 67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76]
23	169	58	69		[67, 68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108]
24	148	58	69		[68, 59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98]
25	169	58	69		[59, 58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72]
26	174	58	69		[58, 141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167]
27	171	72	86		[141, 134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88]
28	148	72	86		[134, 175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180]
29	81	72	86	33	[175, 131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74]
30	74	68	81	26	[131, 181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68]
31	143	68	81		[181, 147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76]
32	76	68	81	28	[147, 169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74]
33	108	67	80		[169, 148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67]
34	98	67	80		[148, 169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71]
35	72	51	61		[169, 174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51]
36	167	51	61		[174, 171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62]
37	88	51	61		[171, 148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63]
38	180	51	61		[148, 81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67]
39	74	51	61		[81, 74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68]
40	68	51	61		[74, 143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64]
41	76	51	61		[143, 76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59]
42	74	51	61		[76, 108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55]
43	67	51	61		[108, 98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83]
44	71	51	61		[98, 72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62]
45	51	51	61	3	[72, 167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69]
46	62	51	61		[167, 88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65]
47	63	51	61		[88, 180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59]
48	67	51	61		[180, 74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124]
49	68	51	61		[74, 68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160]
50	64	51	61		[68, 76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132]
51	59	51	61	11	[76, 74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136]
52	55	51	61	7	[74, 67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171]
53	83	51	61		[67, 71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152]
54	62	51	61		[71, 51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167]
55	69	51	61		[51, 62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162]
56	65	55	66	17	[62, 63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168]
57	59	55	66	11	[63, 67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70]
58	124	55	66		[67, 68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119]
59	160	55	66		[68, 64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85]
60	132	55	66		[64, 59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83]
61	136	55	66		[59, 55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86]
62	171	55	66		[55, 83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127]
63	152	59	70		[83, 62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136]
64	167	59	70		[62, 69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147]
65	162	59	70		[69, 65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152]
66	168	59	70		[65, 59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161]
67	70	59	70	22	[59, 124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
68	119	70	84		[124, 160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155]
69	85	70	84		[160, 132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130]
70	83	70	84	35	[132, 136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201]
71	86	70	84		[136, 171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198]
72	127	70	84		[171, 152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193]
73	136	70	84		[152, 167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180]
74	147	70	84		[167, 162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217]
75	152	70	84		[162, 168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203]
76	161	70	84		[168, 70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214]
77	148	70	84		[70, 119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210]
78	155	83	99		[119, 85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189]
79	130	83	99		[85, 83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151]
80	201	80	96		[83, 86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80]
81	198	80	96		[86, 127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158]
82	193	80	96		[127, 136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95]
83	180	80	96		[136, 147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101]
84	217	80	96		[147, 152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216]
85	203	80	96		[152, 161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209]
86	214	80	96		[161, 148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214]
87	210	80	96		[148, 155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137]
88	189	80	96		[155, 130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147]
89	151	80	96		[130, 201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164]
90	80	80	96	32	[201, 198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185]
91	158	80	96		[198, 193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94]
92	95	80	96	47	[193, 180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82]
93	101	80	96		[180, 217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195]
94	216	80	96		[217, 203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84]
95	209	80	96		[203, 214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83]
96	214	80	96		[214, 210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152]
97	137	80	96		[210, 189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223]
98	147	80	96		[189, 151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199]
99	164	80	96		[151, 80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104]
100	185	80	96		[80, 158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92]
101	94	82	98	46	[158, 95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137]
102	82	82	98	34	[95, 101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90]
103	195	82	98		[101, 216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169]
104	84	82	98	36	[216, 209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228]
105	83	82	98	35	[209, 214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224]
106	152	82	98		[214, 137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226]
107	223	82	98		[137, 147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173]
108	199	82	98		[147, 164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90]
109	104	82	98		[164, 185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105]
110	92	82	98	44	[185, 94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223]
111	137	82	98		[94, 82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209]
112	90	82	98	42	[82, 195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243]
113	169	83	99		[195, 84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224]
114	228	83	99		[84, 83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234]
115	224	83	99		[83, 152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
116	226	90	108		[152, 223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133]
117	173	79	94		[223, 199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79]
118	90	79	94	42	[199, 104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90]
119	105	79	94		[104, 92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91]
120	223	79	94		[92, 137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92]
121	209	79	94		[137, 90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90]
122	243	79	94		[90, 169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79]
123	224	75	90		[169, 228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75]
124	234	72	86		[228, 224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72]
125	115	71	85		[224, 226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71]
126	133	68	81		[226, 173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68]
127	79	68	81	31	[173, 90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134]
128	90	68	81		[90, 105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69]
129	91	68	81		[105, 223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106]
130	92	68	81		[223, 209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226]
131	90	68	81		[209, 243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198]
132	79	68	81	31	[243, 224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175]
133	75	68	81	27	[224, 234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184]
134	72	68	81	24	[234, 115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147]
135	71	68	81	23	[115, 133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72]
136	68	68	81	20	[133, 79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82]
137	134	68	81		[79, 90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77]
138	69	68	81	21	[90, 91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68]
139	106	66	79		[91, 92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66]
140	226	63	75		[92, 90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63]
141	198	63	75		[90, 79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63]
142	175	63	75		[79, 75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68]
143	184	63	75		[75, 72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68]
144	147	63	75		[72, 71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64]
145	72	63	75	24	[71, 68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65]
146	82	63	75		[68, 134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80]
147	77	63	75		[134, 69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167]
148	68	63	75	20	[69, 106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198]
149	66	63	75	18	[106, 226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105]
150	63	63	75	15	[226, 198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181]
151	63	63	75	15	[198, 175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123]
152	68	63	75	20	[175, 184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202]
153	68	63	75	20	[184, 147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63]
154	64	63	75	16	[147, 72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210]
155	65	63	75	17	[72, 82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199]
156	80	63	75		[82, 77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174]
157	167	63	75		[77, 68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85]
158	198	63	75		[68, 66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96]
159	105	63	75		[66, 63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140]
160	181	63	75		[63, 63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71]
161	123	57	68		[63, 68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57]
162	202	57	68		[68, 68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57]
163	63	57	68	15	[68, 64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
164	210	57	68		[64, 65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67]
165	199	57	68		[65, 80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69]
166	174	57	68		[80, 167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164]
167	85	57	68		[167, 198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222]
168	96	57	68		[198, 105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102]
169	140	57	68		[105, 181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115]
170	71	57	68		[181, 123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61]
171	57	57	68	9	[123, 202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69]
172	57	57	68	9	[202, 63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100]
173	69	57	68		[63, 210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248]
174	67	54	64		[210, 199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54]
175	69	54	64		[199, 174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54]
176	164	54	64		[174, 85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164]
177	222	54	64		[85, 96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204]
178	102	54	64		[96, 140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64]
179	115	54	64		[140, 71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129]
180	61	54	64	13	[71, 57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245]
181	69	54	64		[57, 57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177]
182	100	54	64		[57, 69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77]
183	248	54	64		[69, 67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57]
184	54	54	64	6	[67, 69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176]
185	54	54	64	6	[69, 164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249]
186	164	54	64		[164, 222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255]
187	204	54	64		[222, 102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252]
188	64	54	64	16	[102, 115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156]
189	129	54	64		[115, 61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158]
190	245	54	64		[61, 69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267]
191	177	54	64		[69, 100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208]
192	77	54	64		[100, 248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113]
193	57	54	64	9	[248, 54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265]
194	176	54	64		[54, 54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138]
195	249	54	64		[54, 164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181]
196	255	57	68		[164, 204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60]
197	252	57	68		[204, 64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60]
198	156	57	68		[64, 129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62]
199	158	57	68		[129, 245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62]
200	267	57	68		[245, 177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60]
201	208	57	68		[177, 77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58]
202	113	57	68		[77, 57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103]
203	265	54	64		[57, 176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54]
204	138	54	64		[176, 249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58]
205	181	54	64		[249, 255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248]
206	60	54	64	12	[255, 252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245]
207	60	54	64	12	[252, 156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116]
208	62	54	64	14	[156, 158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204]
209	62	54	64	14	[158, 267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126]
210	60	54	64	12	[267, 208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60]
211	58	54	64	10	[208, 113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
212	103	54	64		[113, 265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263]
213	54	54	64	6	[265, 138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146]
214	58	54	64	10	[138, 181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69]
215	248	54	64		[181, 60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237]
216	245	54	64		[60, 60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248]
217	116	54	64		[60, 62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106]
218	204	54	64		[62, 62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168]
219	126	54	64		[62, 60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263]
220	60	54	64	12	[60, 58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237]
221	194	54	64		[58, 103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187]
222	263	54	64		[103, 54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74]
223	146	54	64		[54, 58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204]
224	69	58	69	21	[58, 248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176]
225	237	60	72		[248, 245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67]
226	248	60	72		[245, 116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226]
227	106	60	72		[116, 204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241]
228	168	60	72		[204, 126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70]
229	263	60	72		[126, 60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86]
230	237	60	72		[60, 194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72]
231	187	55	66		[194, 263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55]
232	74	55	66		[263, 146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62]
233	204	55	66		[146, 69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60]
234	176	55	66		[69, 237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65]
235	67	55	66		[237, 248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102]
236	226	53	63		[248, 106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53]
237	241	53	63		[106, 168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57]
238	70	53	63		[168, 263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87]
239	86	53	63		[263, 237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77]
240	72	53	63		[237, 187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63]
241	55	53	63	7	[187, 74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57]
242	62	53	63	14	[74, 204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221]
243	60	53	63	12	[204, 176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98]
244	65	53	63		[176, 67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54]
245	102	53	63		[67, 226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55]
246	53	53	63	5	[226, 241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80]
247	57	53	63	9	[241, 70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169]
248	87	53	63		[70, 86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273]
249	77	53	63		[86, 72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258]
250	63	53	63	15	[72, 55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294]
251	57	53	63	9	[55, 62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239]
252	221	53	63		[62, 60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64]
253	98	53	63		[60, 65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66]
254	54	53	63	6	[65, 102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64]
255	55	53	63	7	[102, 53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61]
256	80	53	63		[53, 57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74]
257	169	48	57		[57, 87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48]
258	273	48	57		[87, 77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197]
259	258	48	57		[77, 63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
260	294	48	57		[63, 57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83]
261	239	48	57		[57, 221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57]
262	64	48	57		[221, 98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62]
263	66	48	57		[98, 54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62]
264	64	48	57		[54, 55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52]
265	61	48	57		[55, 80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103]
266	74	48	57		[80, 169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52]
267	48	48	57	0	[169, 273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92]
268	197	48	57		[273, 258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309]
269	83	48	57		[258, 294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49]
270	83	48	57		[294, 239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129]
271	57	48	57	9	[239, 64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94]
272	62	48	57		[64, 66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58]
273	62	48	57		[66, 64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53]
274	52	48	57	4	[64, 61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54]
275	103	48	57		[61, 74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56]
276	52	48	57	4	[74, 48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60]
277	92	48	57		[48, 197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64]
278	309	49	58		[197, 83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53]
279	49	49	58	1	[83, 83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217]
280	129	49	58		[83, 57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160]
281	94	49	58		[57, 62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201]
282	58	49	58	10	[62, 62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187]
283	53	49	58	5	[62, 52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118]
284	54	49	58	6	[52, 103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70]
285	56	49	58	8	[103, 52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58]
286	60	49	58		[52, 92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55]
287	64	49	58		[92, 309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166]
288	53	49	58	5	[309, 49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65]
289	217	49	58		[49, 129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58]
290	160	53	63		[129, 94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63]
291	201	53	63		[94, 58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61]
292	187	53	63		[58, 53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119]
293	118	53	63		[53, 54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178]
294	70	53	63		[54, 56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127]
295	58	53	63	10	[56, 60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230]
296	55	53	63	7	[60, 64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59]
297	166	53	63		[64, 53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59]
298	65	53	63		[53, 217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64]
299	58	52	62	10	[217, 160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52]
300	63	52	62		[160, 201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53]
301	61	50	60		[201, 187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50]
302	119	49	58		[187, 118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49]
303	178	49	58		[118, 70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54]
304	127	49	58		[70, 58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62]
305	230	49	58		[58, 55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58]
306	59	49	58		[55, 166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52]
307	59	49	58		[166, 65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
308	64	49	58		[65, 58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198]
309	52	49	58	4	[58, 63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311]
310	53	49	58	5	[63, 61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156]
311	50	49	58	2	[61, 119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80]
312	49	49	58	1	[119, 178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183]
313	54	49	58	6	[178, 127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84]
314	62	49	58		[127, 230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59]
315	58	49	58	10	[230, 59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61]
316	52	49	58	4	[59, 59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101]
317	75	49	58		[59, 64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261]
318	198	49	58		[64, 52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223]
319	311	49	58		[52, 53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204]
320	156	49	58		[53, 50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149]
321	80	49	58		[50, 49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99]
322	183	49	58		[49, 54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83]
323	84	52	62		[54, 62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112]
324	59	52	62	11	[62, 58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72]
325	61	52	62	13	[58, 52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77]
326	101	52	62		[52, 75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87]
327	261	59	70		[75, 198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203]
328	223	59	70		[198, 311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83]
329	204	59	70		[311, 156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60]
330	149	59	70		[156, 80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63]
331	99	59	70		[80, 183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188]
332	83	59	70		[183, 84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201]
333	112	59	70		[84, 59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87]
334	72	59	70		[59, 61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59]
335	77	59	70		[61, 101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60]
336	87	58	69		[101, 261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58]
337	203	56	67		[261, 223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56]
338	83	56	67		[223, 204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64]
339	60	56	67	12	[204, 149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62]
340	63	56	67	15	[149, 99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64]
341	188	56	67		[99, 83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59]
342	201	56	67		[83, 112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58]
343	87	56	67		[112, 72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78]
344	59	56	67	11	[72, 77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108]
345	60	56	67	12	[77, 87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190]
346	58	56	67	10	[87, 203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170]
347	56	56	67	8	[203, 83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134]
348	64	56	67	16	[83, 60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188]
349	62	56	67	14	[60, 63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162]
350	64	56	67	16	[63, 188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235]
351	59	56	67	11	[188, 201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147]
352	58	56	67	10	[201, 87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114]
353	78	56	67		[87, 59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86]
354	108	56	67		[59, 60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83]
355	190	56	67		[60, 58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86]

Tag	Q _d	Q _{d min}	Q _{d min20}	Q _{F,d}	Wertebereich
356	170	56	67		[58, 56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
357	134	56	67		[56, 64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
358	188	58	69		[64, 62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
359	162	58	69		[62, 64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
360	235	58	69		[64, 59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
361	147	58	69		[59, 58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
362	114	58	69		[58, 78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
363	86	65	78		[78, 108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
364	83	65	78		[108, 190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
365	86	65	78		[190, 170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]
366	65	65	78	17	[170, 134, 188, 162, 235, 147, 114, 86, 83, 86, 65]

Neue Berechnung (/)