

**Auswirkungen des Endes der Grundwasserzuflüsse
im Schacht Bockraden auf die Grundwassersituation
unter Berücksichtigung von Gegenmaßnahmen**

Gewässervermessung RAG (April 2019)

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
1	3412478,114	5799273,294	73,053
2	3412476,936	5799273,218	72,583
3	3412474,919	5799273,855	73,322
4	3412466,928	5799274,885	72,416
5	3412446,515	5799192,795	75,292
6	3412450,442	5799191,517	76,209
7	3412456,922	5799188,360	75,261
8	3412458,465	5799188,434	76,000
9	3412451,860	5799054,121	82,238
10	3412457,849	5799054,059	82,395
11	3412459,914	5799054,661	81,787
12	3412461,381	5799054,885	82,799
13	3412461,466	5799057,047	82,494
14	3412450,796	5798989,123	85,006
15	3412452,262	5798983,529	84,836
16	3412455,212	5798983,501	85,676
17	3412461,431	5798984,702	84,953
18	3412465,268	5798984,836	86,511
19	3412503,680	5798886,001	86,972
20	3412502,682	5798883,582	86,418
21	3412498,725	5798879,670	86,953
22	3412496,679	5798877,343	86,448
23	3412561,761	5798786,327	89,966
24	3412560,294	5798783,964	89,365
25	3412554,857	5798780,780	89,881
26	3412554,838	5798780,785	89,873
27	3412553,363	5798779,495	89,602
28	3412580,480	5798714,091	92,817
29	3412579,031	5798713,341	91,789
30	3412579,031	5798713,386	91,752
31	3412572,347	5798713,044	92,102
32	3412570,711	5798713,016	91,505
33	3412569,519	5798714,384	92,759
34	3412570,196	5798610,582	97,530
35	3412569,323	5798612,291	96,600
36	3412563,321	5798612,946	97,038
37	3412560,848	5798616,023	96,252
38	3412558,037	5798510,919	100,309
39	3412556,570	5798511,009	99,732
40	3412551,117	5798511,521	99,947
41	3412547,185	5798512,874	98,759
42	3412564,118	5798424,473	103,225
43	3412562,606	5798424,439	102,903

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
44	3412554,925	5798423,141	102,680
45	3412552,447	5798418,002	102,447
46	3412539,491	5798304,360	105,623
47	3412538,374	5798304,242	105,047
48	3412531,862	5798305,854	105,321
49	3412530,342	5798306,350	104,996
50	3412496,022	5798164,524	105,734
51	3412494,712	5798165,038	105,186
52	3412491,220	5798166,936	105,452
53	3412484,794	5798083,266	106,682
54	3412482,391	5798082,531	106,243
55	3412475,424	5798080,712	106,642
56	3412470,584	5798079,813	106,295
57	3412472,876	5797959,874	104,356
58	3412472,253	5797959,563	103,697
59	3412466,115	5797960,255	104,285
60	3412464,339	5797960,106	104,413
61	3412451,008	5797855,126	99,821
62	3412448,298	5797847,908	98,550
63	3412442,308	5797848,447	99,566
64	3412440,198	5797848,277	99,754
65	3412454,488	5797768,691	96,394
66	3412452,260	5797764,166	95,344
67	3412445,186	5797761,343	96,576
68	3412442,680	5797759,629	95,168
69	3412457,916	5797582,386	102,964
70	3412455,775	5797581,231	102,299
71	3412448,819	5797581,257	102,654
72	3412446,009	5797581,569	102,141
73	3412478,614	5797409,934	104,280
74	3412477,479	5797410,057	104,106
75	3412471,756	5797409,223	104,174
76	3412469,028	5797408,509	104,004
77	3412498,090	5797270,283	101,111
78	3412495,481	5797270,289	100,231
79	3412488,255	5797270,249	100,835
80	3412484,491	5797268,809	100,258
81	3412476,171	5797138,225	104,182
82	3412473,997	5797138,978	103,192
83	3412467,216	5797140,306	103,773
84	3412465,131	5797141,016	103,463
85	3412462,419	5797141,483	103,678
86	3412449,444	5797028,649	105,074
87	3412448,108	5797028,965	104,057
88	3412440,629	5797031,240	104,937
89	3412434,866	5797033,612	104,712
90	3412413,311	5796878,462	108,420
91	3412411,953	5796879,176	108,154
92	3412405,012	5796881,007	108,348
93	3412401,040	5796881,309	108,431
94	3412401,471	5796879,317	108,507
95	3412621,146	5797088,780	109,234
96	3412621,208	5797089,696	108,958

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
97	3412621,375	5797090,152	108,984
98	3412477,782	5797125,745	104,325
99	3412477,783	5797126,670	103,949
100	3412477,875	5797128,495	104,541
101	3412501,499	5797251,587	100,519
102	3412502,093	5797252,345	100,053
103	3412502,831	5797253,914	100,433
104	3412574,801	5797234,785	101,602
105	3412569,068	5797236,849	101,053
106	3412569,470	5797238,597	101,688
107	3412658,645	5797169,351	104,412
108	3412660,562	5797170,149	103,716
109	3412661,923	5797171,902	104,361
110	3413050,405	5797940,756	101,826
111	3413047,490	5797940,876	101,844
112	3413046,081	5797941,756	101,663
113	3413040,835	5797971,526	101,746
114	3413041,373	5797971,823	101,346
115	3413043,026	5797972,183	101,855
116	3413046,371	5797973,026	102,012
117	3413036,602	5798004,966	102,052
118	3413037,215	5798005,248	101,701
119	3413038,607	5798005,770	102,247
120	3413042,940	5798006,298	102,347
121	3413022,829	5798162,814	104,981
122	3413019,557	5798162,544	104,792
123	3413017,426	5798162,860	104,241
124	3413016,599	5798162,693	104,775
125	3413000,302	5798248,803	106,730
126	3413106,098	5797696,475	106,068
127	3413103,845	5797698,043	105,280
128	3413101,814	5797699,369	105,971
129	3413099,017	5797713,084	105,815
130	3413097,663	5797721,762	105,883
131	3413106,820	5797730,477	105,059
132	3413147,113	5797827,328	103,384
133	3413150,241	5797827,062	102,523
134	3413152,159	5797825,770	103,071
135	3413159,241	5797821,796	102,523
136	3413161,320	5797820,874	103,046
137	3413191,470	5797926,164	99,764
138	3413194,626	5797925,711	98,768
139	3413196,771	5797924,080	99,783
140	3413203,710	5797920,057	99,226
141	3413206,674	5797918,941	100,085
142	3413225,376	5798000,412	96,994
143	3413227,791	5797999,731	96,195
144	3413230,115	5797999,022	97,230
145	3413239,556	5797998,830	96,443
146	3413245,247	5797998,729	96,469
147	3413257,489	5798105,775	94,829
148	3413260,198	5798104,745	93,606
149	3413262,784	5798104,401	94,592

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
150	3413271,634	5798103,177	93,671
151	3413275,430	5798102,330	93,893
152	3413288,182	5798230,137	92,536
153	3413291,352	5798229,471	90,935
154	3413293,816	5798228,853	92,154
155	3413302,716	5798226,121	90,359
156	3413307,281	5798224,647	90,855
157	3413843,287	5798374,661	109,224
158	3413839,447	5798377,820	109,125
159	3413831,284	5798384,159	106,684
160	3413746,073	5798308,309	109,604
161	3413770,476	5798286,009	113,059
162	3413733,521	5798252,298	111,955
163	3413724,698	5798256,533	110,791
164	3413713,355	5798263,870	109,121
165	3413700,778	5798235,882	108,908
166	3413703,715	5798230,442	109,789
167	3413666,987	5798250,770	104,364
168	3413668,306	5798254,396	104,621
169	3413665,204	5798249,356	104,782
170	3413661,598	5798244,967	103,551
171	3413585,487	5798277,108	99,524
172	3413585,438	5798273,630	99,906
173	3413585,353	5798267,737	99,170
174	3413584,517	5798264,238	99,372
175	3413501,041	5798244,495	96,129
176	3413504,883	5798252,100	95,939
177	3413506,345	5798254,900	96,843
178	3413507,368	5798261,358	96,310
179	3413509,637	5798266,132	96,708
180	3413373,882	5798282,855	91,015
181	3413369,863	5798288,335	90,195
182	3413367,413	5798290,447	90,977
183	3413296,951	5798375,782	89,399
184	3413299,255	5798376,805	88,697
185	3413301,282	5798377,023	89,361
186	3413310,377	5798379,568	87,948
187	3413314,431	5798381,543	88,724
188	3413213,855	5798498,958	87,956
189	3413215,296	5798489,549	87,110
190	3413216,572	5798482,232	87,525
191	3413192,587	5798472,792	88,482
192	3413190,057	5798480,275	87,914
193	3413187,542	5798489,232	88,717
194	3413329,642	5798638,870	82,875
195	3413335,079	5798636,962	84,213
196	3413337,756	5798635,743	84,480
197	3413344,835	5798630,786	83,725
198	3413347,313	5798632,964	84,456
199	3413386,885	5798707,154	82,451
200	3413384,352	5798702,763	83,032
201	3413379,594	5798697,280	81,002
202	3413381,090	5798690,803	82,234

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
203	3413500,757	5798657,045	90,290
204	3413498,733	5798651,258	90,195
205	3413503,401	5798662,358	90,470
206	3413641,377	5798853,326	84,643
207	3413637,762	5798847,595	84,441
208	3413635,232	5798837,493	83,505
209	3413638,391	5798833,702	82,743
210	3413643,527	5798781,060	84,069
211	3413657,021	5799251,717	76,342
212	3413654,980	5799252,181	75,536
213	3413653,063	5799254,207	76,352
214	3413642,914	5799265,059	74,897
215	3413596,323	5799168,893	76,126
216	3413594,724	5799167,209	75,356
217	3413592,620	5799164,412	75,819
218	3413599,801	5799159,932	76,851
219	3413606,665	5799155,835	75,905
220	3413609,073	5799154,743	76,937
221	3413548,482	5799072,573	75,906
222	3413555,016	5799070,189	77,361
223	3413562,801	5799067,198	76,307
224	3413565,913	5799066,119	77,543
225	3413690,070	5798593,997	97,769
226	3413701,059	5798604,969	95,758
227	3413742,808	5798622,508	101,878
228	3413808,858	5798460,474	102,897
229	3413809,183	5798462,455	102,494
230	3413808,959	5798463,775	103,361
231	3413776,701	5798451,011	99,421
232	3413775,558	5798452,055	98,514
233	3413775,629	5798452,813	99,207
234	3413708,983	5798470,853	94,002
235	3413708,936	5798472,200	93,158
236	3413709,466	5798472,845	93,960
237	3413681,276	5798474,109	93,126
238	3413680,142	5798474,203	92,275
239	3413679,780	5798475,843	93,029
240	3413669,385	5798448,787	92,619
241	3413669,842	5798447,712	92,014
242	3413670,557	5798446,606	92,712
243	3413648,497	5798455,207	91,799
244	3413648,978	5798456,319	91,053
245	3413649,311	5798457,454	91,877
246	3413586,862	5798483,967	89,668
247	3413587,146	5798484,901	89,258
248	3413587,197	5798485,581	89,658
249	3413548,946	5798505,448	88,161
250	3413549,095	5798506,886	87,683
251	3413549,185	5798507,467	88,031
252	3413484,397	5798553,046	86,806
253	3413485,113	5798553,759	86,170
254	3413485,733	5798554,345	86,746
255	3412691,492	5797122,862	107,522

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
256	3412702,771	5797121,711	107,660
257	3412709,662	5797121,851	107,549
258	3412719,072	5797117,909	108,163
259	3412766,736	5797026,847	112,034
260	3412778,327	5797049,396	111,158
261	3412774,361	5797050,384	111,299
262	3412785,041	5797051,453	111,904
263	3412817,394	5797087,219	112,215
264	3412815,653	5797111,755	110,971
265	3412818,161	5797117,836	111,229
266	3412819,101	5797130,116	110,658
267	3412817,738	5797141,885	111,043
268	3412785,934	5797156,106	109,225
269	3412778,676	5797148,661	108,659
270	3412771,014	5797137,471	108,796
271	3412742,860	5797126,227	108,312
272	3412723,924	5797114,233	108,090
273	3412720,208	5797108,731	108,437
274	3412717,884	5797106,216	108,277
275	3412711,549	5797104,462	108,544
276	3412891,450	5797229,744	112,527
277	3412879,196	5797231,962	111,769
278	3412877,859	5797231,652	112,196
279	3412873,205	5797282,243	110,289
280	3412870,053	5797282,033	110,640
281	3412869,113	5797278,771	109,954
282	3412868,168	5797278,193	110,386
283	3412919,260	5797411,102	107,002
284	3412918,108	5797404,429	106,764
285	3412918,375	5797403,766	107,129
286	3412915,567	5797378,655	108,022
287	3412914,453	5797378,435	107,422
288	3412912,736	5797378,157	107,923
289	3412918,601	5797348,752	108,856
290	3412917,157	5797349,478	108,365
291	3412917,432	5797350,060	108,810
292	3412847,381	5797411,156	106,431
293	3412841,099	5797402,139	105,749
294	3412839,017	5797411,317	105,441
295	3412838,110	5797411,883	105,852
296	3412840,492	5797412,542	106,287
297	3412828,783	5797461,413	104,733
298	3412827,443	5797461,272	103,976
299	3412826,980	5797460,797	104,505
300	3412814,406	5797523,825	102,977
301	3412813,165	5797523,615	102,449
302	3412812,600	5797523,364	102,766
303	3412808,245	5797661,406	101,908
304	3412813,042	5797658,598	101,681
305	3412878,005	5797664,715	102,595
306	3412880,327	5797663,617	102,130
307	3412881,464	5797661,166	102,677
308	3412908,731	5797684,133	102,290

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
309	3412907,619	5797684,526	102,058
310	3412903,433	5797691,015	102,387
311	3412919,305	5797850,275	103,596
312	3412920,980	5797850,487	103,601
313	3412922,012	5797850,636	103,744
314	3412915,880	5797818,463	103,480
315	3412285,109	5796552,983	110,994
316	3412289,114	5796554,137	110,639
317	3412290,140	5796555,134	110,977
318	3412264,169	5796617,018	108,823
319	3412263,531	5796617,775	108,268
320	3412262,302	5796620,356	108,637
321	3412235,135	5796609,464	109,093
322	3412236,034	5796607,941	108,877
323	3412237,028	5796605,326	109,438
324	3412267,562	5796620,411	108,319
325	3412268,022	5796618,957	108,443
326	3412269,170	5796620,125	108,412
327	3412268,790	5796619,228	107,919
328	3412268,000	5796619,665	107,911
329	3412268,268	5796620,487	107,803
330	3412260,421	5796652,403	107,749
331	3412257,847	5796652,388	107,109
332	3412256,957	5796651,893	107,522
333	3412215,644	5796785,560	103,764
334	3412213,816	5796785,371	102,713
335	3412212,097	5796784,810	103,841
336	3412175,390	5796896,687	100,529
337	3412176,918	5796896,737	100,145
338	3412178,235	5796897,168	100,966
339	3412154,386	5797065,530	96,218
340	3412157,578	5797063,780	97,191
341	3412150,526	5797067,010	97,442
342	3412206,248	5797203,484	94,659
343	3412207,085	5797204,205	94,240
344	3412207,551	5797205,173	94,731
345	3412210,613	5797200,051	95,271
346	3412211,962	5797202,681	95,241
347	3412282,740	5797179,034	97,622
348	3412285,376	5797178,419	97,105
349	3412289,712	5797174,058	98,040
350	3412291,147	5797196,783	97,729
351	3412288,857	5797190,372	96,712
352	3412333,409	5797228,204	97,866
353	3412334,005	5797229,918	96,702
354	3412334,480	5797231,749	97,570
355	3412301,494	5797233,263	96,827
356	3412303,654	5797234,881	95,695
357	3412304,874	5797235,842	96,776
358	3412313,265	5797290,897	95,496
359	3412313,716	5797292,662	94,560
360	3412314,937	5797293,888	95,558
361	3412251,585	5797310,311	93,661

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
362	3412251,647	5797309,154	93,065
363	3412250,539	5797307,101	93,941
364	3412246,750	5797296,155	93,914
365	3412240,335	5797298,466	93,015
366	3412239,409	5797298,944	93,672
367	3412312,246	5797384,740	97,978
368	3412307,515	5797388,364	97,548
369	3412307,579	5797389,122	97,852
370	3412263,345	5797403,324	96,315
371	3412263,793	5797404,897	96,030
372	3412264,412	5797405,930	96,304
373	3412252,299	5797354,466	93,916
374	3412250,168	5797355,510	93,739
375	3412249,404	5797354,902	94,119
376	3412172,267	5797442,850	91,433
377	3411988,454	5797776,675	85,492
378	3411987,798	5797777,414	85,161
379	3411986,492	5797778,581	85,592
380	3412465,999	5797213,589	100,834
381	3412466,163	5797215,286	99,633
382	3412465,412	5797216,047	100,352
383	3412465,406	5797216,045	100,336
384	3412442,808	5797089,363	104,120
385	3412440,861	5797089,044	102,857
386	3412439,287	5797083,696	104,037
387	3411829,263	5797568,166	89,305
388	3411824,350	5797564,005	88,381
389	3411817,724	5797560,578	89,554
390	3411745,734	5797629,207	95,477
391	3411725,705	5797629,917	91,104
392	3411724,749	5797625,981	90,603
393	3411668,441	5797606,148	92,564
394	3411416,333	5797464,275	98,830
395	3411251,915	5798009,930	104,370
396	3411259,345	5798006,731	104,240
397	3411255,314	5798003,289	103,659
398	3411258,558	5797988,617	103,780
399	3411257,178	5797988,647	103,304
400	3411255,816	5797987,566	103,941
401	3411318,475	5797954,564	98,504
402	3411317,297	5797953,355	98,003
403	3411316,377	5797952,180	98,361
404	3411438,277	5797887,187	94,139
405	3411437,796	5797886,096	93,757
406	3411437,569	5797884,902	94,066
407	3411464,664	5797885,328	93,647
408	3411464,523	5797883,389	92,853
409	3411464,852	5797881,215	93,850
410	3411538,224	5797886,173	92,089
411	3411537,179	5797886,457	91,183
412	3411536,058	5797887,347	92,085
413	3411578,849	5797955,699	89,952
414	3411578,070	5797957,369	89,381

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
415	3411748,145	5798121,497	85,560
416	3411748,600	5798120,299	85,049
417	3411748,438	5798119,179	85,561
418	3411818,615	5798111,811	84,311
419	3411818,296	5798113,382	83,739
420	3411818,049	5798114,555	84,136
421	3411829,784	5798123,556	83,935
422	3411831,110	5798123,378	83,544
423	3411832,358	5798123,391	84,154
424	3411835,940	5798166,308	83,685
425	3411834,732	5798166,663	83,131
426	3411833,464	5798166,673	83,705
427	3411847,064	5798181,952	83,291
428	3411847,371	5798183,698	82,520
429	3411848,001	5798185,271	83,564
430	3412097,478	5799035,860	76,662
431	3412097,878	5799034,246	75,676
432	3412097,288	5799030,607	76,652
433	3412237,395	5798999,518	73,546
434	3412237,460	5799000,292	73,061
435	3412238,039	5799001,658	73,668
436	3412172,419	5798905,221	74,627
437	3412171,170	5798906,355	74,583
438	3412170,695	5798904,544	74,212
439	3412169,869	5798903,915	74,569
440	3412193,157	5798754,641	75,982
441	3412190,418	5798750,745	75,534
442	3412189,684	5798748,237	76,116
443	3412102,815	5798765,789	75,446
444	3412106,961	5798767,479	74,562
445	3412082,737	5799053,185	77,309
446	3412081,888	5799050,354	76,818
447	3412083,253	5799048,222	77,776
448	3412022,632	5799034,556	79,004
449	3412023,479	5799031,479	78,518
450	3412023,771	5799029,896	79,254
451	3411898,618	5798986,742	83,245
452	3411897,363	5798987,872	82,621
453	3411896,609	5798989,261	83,189
454	3412126,838	5799194,645	77,340
455	3412125,667	5799195,785	76,254
456	3412124,036	5799196,444	77,107
457	3412147,943	5799256,212	76,751
458	3412149,464	5799255,793	75,624
459	3412150,736	5799255,766	76,248
460	3412197,704	5799291,110	75,356
461	3412198,008	5799289,742	74,561
462	3412198,285	5799288,696	75,076
463	3412188,425	5799295,359	75,605
464	3412188,178	5799296,129	74,712
465	3412188,692	5799297,663	75,678
466	3412118,620	5799312,981	77,460
467	3412118,462	5799311,805	76,765

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
468	3412118,368	5799309,964	77,844
469	3412020,800	5799324,952	82,017
470	3412021,007	5799326,998	80,867
471	3412021,648	5799329,191	81,848
472	3412255,593	5799323,517	74,121
473	3412256,455	5799322,340	73,080
474	3412257,438	5799321,246	73,596
475	3412343,231	5799381,890	72,297
476	3412344,352	5799380,579	71,235
477	3412344,935	5799379,279	71,970
478	3412415,532	5799379,779	70,723
479	3412413,863	5799382,585	69,865
480	3412417,997	5799384,205	71,270
481	3412419,244	5799382,965	71,229
482	3413571,575	5798881,513	81,232
483	3413573,619	5798882,929	80,110
484	3413574,205	5798884,706	80,963
485	3413619,184	5798850,138	82,047
486	3413620,008	5798851,760	81,219
487	3413620,110	5798853,406	81,905
488	3413622,707	5798858,052	84,007
489	3413644,186	5798815,279	83,771
490	3413645,733	5798815,952	83,332
491	3413646,457	5798816,330	83,777
492	3413653,135	5798782,610	84,677
493	3413654,520	5798782,865	84,205
494	3413655,653	5798783,467	84,904
495	3413650,857	5798815,840	84,525
496	3413649,712	5798811,741	84,020
497	3413650,338	5798808,681	84,716
498	3413676,188	5798791,514	86,600
499	3413678,043	5798796,776	85,966
500	3413678,189	5798798,178	86,148
501	3413701,769	5798786,577	87,243
502	3413699,624	5798781,905	86,660
503	3413705,729	5798781,076	87,681
504	3413706,898	5798780,436	87,324
505	3413696,844	5798775,794	89,051
506	3413739,165	5798782,188	89,833
507	3413735,792	5798783,893	87,585
508	3413753,728	5798778,090	90,637
509	3413754,956	5798776,241	91,588
510	3413754,904	5798778,275	90,603
511	3413754,224	5798780,274	91,433
512	3413800,317	5798793,801	93,142
513	3413800,806	5798792,520	92,640
514	3413801,953	5798791,503	93,715
515	3413800,760	5798795,664	92,965
516	3413801,697	5798795,715	92,680
517	3413802,913	5798795,785	93,434
518	3413817,078	5798798,297	93,029
519	3413816,489	5798796,118	93,627
520	3413814,175	5798799,503	93,562

Verm-Nr	X-Wert (Gauß-Krüger 3)	Y-Wert (Gauß-Krüger 3)	Höhe (m NHN)
521	3413811,231	5798801,336	93,830
522	3413885,187	5798780,115	97,523
523	3413885,777	5798781,301	97,209
524	3413886,772	5798781,785	97,529
525	3413895,097	5798778,787	98,573
526	3413896,636	5798778,581	98,556
527	3413893,983	5798780,605	98,102
528	3413911,038	5798775,035	100,380
529	3413940,480	5798760,959	100,558
530	3413951,660	5798755,358	101,635
531	3413950,812	5798754,356	100,917
532	3413950,130	5798753,543	101,826
533	3413980,766	5798740,419	103,588
534	3413978,888	5798738,630	102,901
535	3413979,051	5798735,908	103,255
536	3414045,074	5798722,906	108,948
537	3414042,595	5798715,377	107,114
538	3414041,897	5798714,587	107,089
539	3414039,738	5798712,898	108,089
540	3412125,658	5796616,618	111,585
541	3412127,102	5796612,297	111,657
542	3412128,369	5796611,316	111,989
543	3412218,775	5796642,022	107,775
544	3412222,192	5796655,460	107,475
545	3412223,859	5796651,358	107,199
546	3412288,738	5797172,136	98,000
547	3412280,188	5797176,439	97,629
548	3412282,508	5797173,467	97,061
549	3412233,233	5797064,511	99,414
550	3412211,809	5797009,258	100,110
551	3412221,872	5797007,867	100,463
552	3412215,784	5797008,947	99,676
553	3412254,406	5797084,602	99,282
554	3412693,118	5797149,617	106,231
555	3412681,616	5797171,669	104,891
556	3412700,124	5797163,295	105,696
557	3412632,675	5797349,755	104,947
558	3412633,930	5797348,163	105,508
559	3412631,901	5797354,051	105,309
560	3412693,448	5797386,136	104,522
561	3412692,298	5797387,670	104,294
562	3412689,908	5797390,867	104,681
563	3412715,386	5797468,399	103,203
564	3412714,111	5797468,583	103,010
565	3412711,124	5797468,970	103,246
566	3412720,736	5797564,258	101,925
567	3412719,053	5797564,057	101,186
568	3412712,914	5797563,391	101,564
569	3412018,213	5799628,401	85,549
570	3412882,525	5799517,669	101,857