

分	秒	点
1	2	3
2,138	2,108,934	938,126
46,905	3,416	-345,760
5,826	51,670	61,207
470,981	573,102	-18,579
6,132,795	4,890,365	50,492
3,907,852	746,089	23,814
368,049	32,567	462,081
14,750	5,298	-703,895
4	5	
84,625	5,870	
549,083	7,136,294	
213,950	89,537	
136,728	-436,172	
405,876	508,963	
60,381	-5,419,302	
41,793	8,041	
72,906	-60,429	

6	7	8	9	10
4,186,273	781,056	8,436,125	7,319,425	608,751
-701,428	-506,729	678,503	604,259	340,682
4,059	74,358	20,451	6,903	495,067
-93,708	65,431	9,703,682	285,769	63,590
7,965	-90,864	982,041	3,087	15,702
60,342	32,940	1,965	1,950,862	891,234
218,650	-168,235	7,583	64,510	79,816
-1,932,785	329,107	64,790	31,874	82,934

11	12	13	14	15
10,347	10,345	572,083	18,720	7,594,130
8,429,736	923,518	47,502	8,496,173	102,869
753,284	-406,357	70,659	-524,396	4,958,306
35,892	-152,679	953,841	-50,264	79,452
1,206	674,280	408,762	932,718	31,824
3,071	23,406	294,310	9,085	610,785
864,950	-87,259	39,148	2,301	2,916
5,102,694	91,068	16,296	-4,307,569	7,043

10,949,296	8,411,441	467,486	1,565,342	1,832,802
1,749,368	517,064	19,895,140	10,266,689	2,577,776
15,201,180	1,076,322	2,402,601	4,576,768	13,387,325

分	秒	点
1	2	3
942,306	9,801,452	3,021
-395,870	8,263	12,503
37,096	5,687	8,295
506,781	23,904	80,647
-158,427	150,847	805,769
21,649	938,610	364,890
-10,723	1,263,547	7,251,436
64,158	92,075	8,947,315
4	5	
9,217,806	409,328	
903,742	152,496	
4,035	645,871	
-780,621	89,037	
-45,916	63,208	
57,248	210,753	
8,123	95,360	
-1,395,680	28,174	

6	7	8	9	10
308,275	18,763	847,290	12,035	7,582,103
21,869	4,296	85,042	305,769	796,584
5,973,082	923,085	67,924	486,950	10,359
16,490	4,597,806	536,108	928,173	-749,816
430,678	71,420	18,293	812,504	-4,803,572
9,701	410,975	-40,315	61,483	-27,410
4,265,387	5,903,781	-681,974	48,672	3,625
4,512	6,132	-309,765	90,714	9,062

11	12	13	14	15
501,846	910,473	7,304,916	7,832,460	504,182
345,712	59,821	4,921,685	421,087	52,067
869,280	3,708,264	8,753	8,753	-265,791
213,495	5,739	3,021	-906,137	43,918
69,207	8,592,610	30,284	-5,169,302	974,826
23,716	43,576	864,975	-52,964	-61,430
84,051	376,102	579,801	9,146	70,583
70,395	8,064	62,340	90,815	-387,409

1,006,970	12,284,385	17,473,876	7,968,737	1,694,227
11,029,994	11,936,258	522,603	2,746,300	2,820,935
2,177,702	13,704,649	13,775,775	2,233,858	930,946

分

秒

点

1	2	3	4	5
691,285	62,835	49,602	9,286	7,263
65,748	450,627	97,064	652,371	4,705,612
4,601	-18,493	518,390	8,425,907	3,849,156
7,603,842	509,271	279,463	987,460	32,501
-1,570,983	93,720	681,725	4,103,259	928,035
2,034	-367,504	52,183	6,021	687,910
-47,913	-182,045	70,325	53,178	90,487
-268,590	41,689	407,819	40,537	4,716

6	7	8	9	10
609,142	591,073	394,127	57,249	41,058
9,173,586	74,106	782,530	98,413	60,825
-4,298,107	-18,790	5,906,847	1,834	894,751
35,896	-602,857	3,468,951	7,680,291	327,864
2,051	980,465	50,832	9,752,608	201,476
-57,360	32,518	9,417	3,081	59,103
-680,431	43,627	1,096	596,420	35,490
4,287	-268,394	23,601	305,167	689,237

11	12	13	14	15
34,862	2,583,470	8,071	51,849	40,875
16,390	307,185	7,485,693	8,621	904,356
804,679	289,607	-90,516	85,206	213,948
-147,532	70,215	609,328	506,783	71,326
60,471	8,936,054	-1,243,706	7,094	54,231
-253,908	42,169	21,453	3,810,425	571,620
-49,325	1,346	-876,524	7,935,240	68,097
678,051	8,931	3,790	679,431	389,104

6,480,024	590,100	2,156,571	14,278,019	10,305,680
4,789,064	831,748	10,637,401	18,495,063	2,309,804
1,143,688	12,238,977	5,917,589	13,084,649	2,313,557

分	秒	点		
1	2	3	4	5
58,132	4,327,190	931,872	72,459	13,502
2,803	806,243	-617,409	7,185,924	804,257
3,904,678	50,596	208,593	3,928,405	42,986
-1,520,497	6,594,718	-57,039	804,791	381,749
-749,156	1,309	34,625	8,634	90,123
1,065	489,672	60,574	9,062	76,059
274,396	7,128	-482,710	16,370	157,386
-86,470	35,081	18,396	350,716	925,460

6	7	8	9	10
85,731	54,893	281,963	713,609	7,164,850
-56,973	12,079	62,198	1,735	6,594
642,019	905,214	7,306	2,683	73,186
789,241	437,196	3,057	2,463,590	805,672
-203,697	819,463	75,431	621,047	-213,405
41,280	582,630	9,280,347	50,871	-1,946,023
-597,806	20,587	805,924	9,504,386	7,938
30,415	73,406	5,678,410	28,497	-20,319

11	12	13	14	15
6,329,584	94,382	1,982,034	9,382,506	203,754
95,762	-28,056	73,461	7,031	918,360
-70,518	204,931	5,740,316	3,845,219	52,687
6,184	76,514	597,182	9,570	389,016
-2,538,019	849,305	24,609	673,196	751,403
7,906	-156,879	807,263	28,419	40,291
-605,473	-720,614	1,580	704,851	75,943
418,320	62,730	5,397	40,264	18,426

1,884,951	12,311,937	96,902	12,376,361	2,491,522
730,210	2,905,468	16,194,636	13,386,418	5,878,493
3,643,746	382,313	9,231,842	14,691,056	2,449,880

分

秒

点

1	2	3	4	5
6,839,425	630,248	965,817	5,038	359,840
-5,710,842	15,496	-403,126	64,319	745,329
1,630	8,309,647	527,634	425,187	56,037
-926,054	3,025	83,705	30,294	79,405
48,913	71,950	79,324	3,245,907	160,982
-72,406	7,531	-14,052	7,621	203,761
109,758	185,206	90,718	1,879,560	94,186
6,397	7,291,483	-384,960	508,726	21,758

6	7	8	9	10
790,285	8,571,024	603,947	1,607,485	9,614,285
47,063	7,685,149	46,213	6,138	-32,508
854,190	209,413	925,081	2,349,871	4,037
541,936	8,760	-342,578	472,938	-2,397,164
108,764	2,419	-736,810	5,460	618,970
29,506	50,693	60,384	273,016	50,861
31,724	85,136	-94,805	20,895	-408,937
82,693	396,207	79,152	54,903	5,712

11	12	13	14	15
614,280	910,837	62,483	7,053	874,619
9,067	21,670	514,397	83,514	901,532
30,416	803,416	705,186	6,729,803	56,403
53,694	87,053	-658,402	4,370	3,860
801,235	249,578	93,021	-601,248	2,076
1,297,864	75,946	10,854	-2,983,516	30,598
3,524,987	32,805	-34,970	-45,729	5,871,249
7,509	625,194	-187,629	760,941	9,245,371

296,821	16,514,586	945,060	6,166,652	1,721,298
2,486,161	17,008,801	540,584	4,790,706	7,455,256
6,339,052	2,806,499	504,940	3,955,188	16,985,708

分

秒

点

1	2	3	4	5
680,142	8,203,465	592,186	7,945	9,276
-17,570	-1,936,748	405,719	420,837	3,742
52,094	78,426	64,320	9,063	357,086
63,205	-790,831	57,968	875,619	8,490,561
549,837	9,352	681,324	8,602,143	5,106,839
-638,295	6,048	98,703	5,217,408	57,304
-203,419	561,290	70,694	91,350	271,498
78,361	-57,104	127,053	16,239	16,520

6	7	8	9	10
20,645	172,985	502,319	3,946,850	732,518
3,974,102	5,704,318	651,084	67,023	29,671
5,693	2,160	-263,948	30,789	80,549
659,784	-564,037	30,681	103,594	13,720
32,019	-40,529	-67,913	5,401	498,056
6,501,728	97,618	49,702	1,284,796	176,924
786,513	-4,683,192	74,528	792,645	803,765
8,430	8,307	-785,460	8,512	41,302

11	12	13	14	15
830,265	3,815	304,759	48,370	136,279
9,781	2,305,769	4,152,873	695,147	92,043
15,470	920,651	-1,548,067	50,796	-85,706
4,602	34,528	-362,451	403,968	78,960
208,145	16,794	6,537	12,407	60,315
96,713	7,082	80,392	279,013	-281,493
4,368,179	4,671,805	-98,620	856,234	904,825
4,593,027	492,370	1,908	21,658	-348,157

564,355	6,073,898	2,097,967	15,240,604	14,312,826
11,988,914	697,630	190,993	6,239,610	2,376,505
10,126,182	8,452,814	2,537,331	2,367,593	557,066

分	秒	点		
1	2	3	4	5
535,612	608,345	6,518,940	1,965,048	802,619
7,238	-491,276	4,093	3,702,469	24,736
684,079	20,738	72,105	583,126	40,817
9,820	37,045	-61,257	4,972	269,350
83,104	89,601	-720,389	217,840	73,289
9,140,285	-52,180	-3,207,418	31,605	785,041
36,917	246,798	463,591	70,358	936,875
6,302,574	-129,653	6,358	8,719	51,904

6	7	8	9	10
902,574	9,214,573	983,140	489,536	7,348,590
48,702	7,506,814	3,178,256	74,865	3,084
-431,957	761,289	-2,405,869	18,970	8,405,629
-269,831	2,968	39,728	724,301	31,298
87,613	31,049	-320,856	36,158	672,154
193,065	5,630	7,402	903,267	165,789
74,590	420,983	4,015	50,426	20,467
-20,486	56,107	-96,571	192,045	6,301

11	12	13	14	15
34,015	7,463,290	21,430	2,195	8,519,473
20,756	-682,139	65,142	7,903,418	475,216
284,607	-13,804	38,954	81,620	89,325
802,935	508,732	357,806	257,193	401,536
13,649	54,923	10,279	4,681,975	4,710
-85,267	6,149	109,654	253,408	8,650,291
-617,598	-2,870,596	736,048	60,784	2,809
-193,740	7,015	872,593	6,053	63,097

16,799,629	329,418	3,076,023	6,584,137	2,984,631
584,270	17,999,413	1,389,245	2,489,568	16,653,312
259,357	4,473,570	2,211,906	13,246,646	18,206,457

分	秒	点		
1	2	3	4	5
159,861	93,851	769,514	43,086	9,602,873
641,082	820,167	328,065	834,570	69,014
-79,543	45,379	12,687	7,146,398	-521,389
86,720	6,523,190	90,276	729,163	-5,149,702
23,679	402,781	24,130	70,521	4,358
54,301	4,831,259	845,397	2,501,439	-80,972
-470,658	6,087	107,482	7,692	5,436
-205,973	4,906	53,908	5,809	527,160

6	7	8	9	10
418,652	204,925	931,584	236,845	9,461,537
64,893	3,741,568	387,269	548,310	-18,093
70,162	9,401	42,085	19,784	1,834
836,947	7,284,695	-705,143	20,918	95,126
59,730	10,763	61,478	6,203	7,602
15,028	3,910	20,731	5,027	520,846
754,301	862,439	-98,610	2,106,974	-902,387
209,416	78,051	-254,906	5,384,769	-1,237,450

11	12	13	14	15
16,708	6,259,410	598,041	97,460	87,329
80,952	-5,304,961	1,792	3,195	829,435
637,420	8,723	80,275	1,026	503,794
729,546	320,479	35,614	7,124,658	35,086
-518,637	-817,235	3,506,879	609,413	41,652
49,083	86,507	8,162,745	85,902	70,814
-38,125	-43,091	3,407	720,683	647,120
-305,914	2,186	429,630	9,348,175	916,503

209,469	12,727,620	2,231,459	11,338,678	4,456,778
2,429,129	12,195,752	384,488	8,328,830	7,929,015
651,033	512,018	12,818,383	17,990,512	3,131,733

分	秒			点
1	2	3	4	5
83,159	54,013	3,105	27,430	6,281,795
501,947	726,541	302,847	902,875	3,276
846,051	369,457	4,076	6,127	5,320
679,423	-26,370	59,762	-360,758	50,641
135,689	-698,253	37,259	9,563	7,406,819
10,472	10,896	852,761	6,391,407	98,435
38,920	98,102	8,190,634	-2,813,549	517,304
52,706	-105,784	4,281,590	-48,016	479,028

6	7	8	9	10
8,105,794	745,328	270,516	19,602	32,857
610,832	86,905	9,237	90,743	13,670
-6,279,340	10,543	23,608	5,926	804,295
2,105	37,628	7,894	274,538	41,963
6,034	806,419	75,069	2,301,645	576,012
98,742	-519,087	9,706,438	7,489,016	217,508
-329,518	-134,290	914,150	825,160	968,374
-57,689	-23,756	5,648,321	4,837	50,429

11	12	13	14	15
6,214,590	739,651	915,073	5,431	5,764,801
9,023	648,902	93,260	4,023	6,025
520,189	381,024	-284,637	759,860	84,273
46,375	70,936	-608,149	13,248	9,816
1,408	52,841	-89,425	50,976	952,130
94,257	34,675	467,518	1,276,489	-70,654
8,307,625	89,210	32,807	3,502,618	-958,347
138,476	907,135	70,154	194,307	-3,401,962

2,348,367	428,602	13,732,034	4,115,079	14,842,618
2,156,960	1,009,690	16,655,233	11,011,467	2,705,108
15,331,943	2,924,374	596,601	5,806,952	2,386,082

分	秒	点		
1	2	3	4	5
307,594	973,805	1,405,987	7,634,928	12,953
-271,463	1,670	3,679,058	-169,502	53,218
794,182	8,703,164	96,342	206,435	840,379
-16,035	68,417	9,284	1,382	68,790
60,928	852,049	3,107	-53,410	74,036
-825,310	40,293	821,675	90,867	206,145
98,704	2,534	30,519	-5,728,091	798,516
25,416	2,536,981	368,240	7,643	183,204

6	7	8	9	10
72,561	9,820,654	9,567	631,504	8,094
90,278	2,830	5,013	-58,936	629,731
938,065	1,059	607,154	80,172	3,802,546
542,630	704,825	90,842	-528,430	51,673
437,916	69,173	5,628,730	904,723	782,304
104,278	138,247	-319,842	-719,068	9,120
27,903	96,418	-4,963,217	41,593	65,487
85,419	4,375,106	-58,409	12,467	1,730,958

11	12	13	14	15
914,657	578,069	80,243	705,328	14,208
203,189	6,234	7,269,108	-48,590	7,054
41,850	351,908	6,570	-426,879	60,831
530,712	7,519	-458,937	64,781	751,923
498,263	1,409,328	-5,347,621	20,319	623,548
57,034	20,487	902,786	95,162	9,476
18,697	8,347,256	4,051	578,034	4,206,913
26,408	12,690	-51,329	-142,603	1,958,370

174,016	13,178,913	6,414,212	1,990,252	2,237,241
2,299,050	15,208,312	999,838	364,025	7,079,913
2,290,810	10,733,491	2,404,871	845,552	7,632,323