

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.8.2022 6:00	17.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.8.2022 6:00	18.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.8.2022 6:00	19.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.8.2022 6:00	20.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.8.2022 6:00	21.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.8.2022 6:00	22.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.8.2022 6:00	23.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.8.2022 6:00	24.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.8.2022 6:00	25.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.8.2022 6:00	26.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.8.2022 6:00	27.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.8.2022 6:00	28.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.8.2022 6:00	29.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.8.2022 6:00	30.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.8.2022 6:00	31.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.8.2022 6:00	1.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.8.2022 6:00	17.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.8.2022 6:00	18.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.8.2022 6:00	19.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.8.2022 6:00	20.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.8.2022 6:00	21.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.8.2022 6:00	22.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.8.2022 6:00	23.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.8.2022 6:00	24.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.8.2022 6:00	25.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.8.2022 6:00	26.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.8.2022 6:00	27.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.8.2022 6:00	28.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.8.2022 6:00	29.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.8.2022 6:00	30.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.8.2022 6:00	31.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.8.2022 6:00	1.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.8.2022 6:00	17.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.8.2022 6:00	18.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.8.2022 6:00	19.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.8.2022 6:00	20.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.8.2022 6:00	21.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.8.2022 6:00	22.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.8.2022 6:00	23.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.8.2022 6:00	24.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.8.2022 6:00	25.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.8.2022 6:00	26.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.8.2022 6:00	27.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.8.2022 6:00	28.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.8.2022 6:00	29.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.8.2022 6:00	30.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.8.2022 6:00	31.8.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.8.2022 6:00	1.9.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

Kromatografska analiza plina za izlaz iz transportnog sustava Zaprešić - 6 bara - Zaprešić, je identična sa izlazom Zapad - 6 bara - Zagreb, a iz razloga jer obadva izlaza iz transportnog sustava preuzimaju plin iz istog plinovoda.

Podaci preuzeti sa web stranice transportnog operatora Plinacro.

Zadnja izmjena	N2 (mol %)	CO2 (mol %)	C1 (mol %)	C2 (mol %)	C3 (mol %)	C3+ (mol %)	n-C4 (mol %)	i-C4 (mol %)	n-C5 (mol %)	i-C5 (mol %)	neo-C5 (mol %)	C6 (mol %)	C6+ (mol %)	C7 (mol %)
1.9.2022 12:14	0,807	0,894	92,821	3,935	1,076	1,543	0,181	0,159	0,032	0,041	0,002	-	0,052	-
1.9.2022 12:14	0,676	0,737	93,515	3,775	0,903	1,295	0,152	0,134	0,026	0,034	0,002	-	0,044	-
1.9.2022 12:14	0,459	0,463	94,402	3,736	0,663	0,939	0,108	0,099	0,017	0,022	0,002	-	0,028	-
1.9.2022 12:14	0,782	0,789	93,064	3,877	1,039	1,488	0,175	0,157	0,03	0,039	0,002	-	0,047	-
1.9.2022 12:14	0,83	0,824	92,909	3,876	1,09	1,561	0,184	0,163	0,032	0,041	0,002	-	0,049	-
1.9.2022 12:14	0,656	0,632	93,638	3,816	0,884	1,258	0,147	0,13	0,024	0,032	0,002	-	0,038	-
1.9.2022 12:14	0,675	0,656	93,558	3,817	0,909	1,293	0,152	0,132	0,025	0,033	0,002	-	0,039	-
1.9.2022 12:14	0,559	0,507	94,157	3,727	0,743	1,05	0,122	0,108	0,019	0,025	0,002	-	0,031	-
1.9.2022 12:14	0,648	0,615	93,899	3,697	0,8	1,141	0,134	0,119	0,022	0,029	0,002	-	0,036	-
1.9.2022 12:14	0,543	0,505	94,312	3,688	0,666	0,951	0,109	0,105	0,017	0,023	0,002	-	0,03	-
1.9.2022 12:14	0,627	0,595	94,041	3,651	0,76	1,086	0,127	0,113	0,021	0,028	0,002	-	0,035	-
1.9.2022 12:14	0,78	0,773	93,616	3,595	0,859	1,235	0,145	0,127	0,026	0,034	0,002	-	0,043	-
1.9.2022 12:14	0,822	0,84	93,197	3,803	0,935	1,338	0,157	0,136	0,028	0,036	0,002	-	0,044	-
1.9.2022 12:14	0,811	0,82	93,277	3,789	0,91	1,302	0,154	0,13	0,027	0,035	0,002	-	0,044	-
1.9.2022 12:14	0,606	0,579	93,938	3,84	0,729	1,037	0,122	0,106	0,02	0,026	0,002	-	0,032	-
1.9.2022 12:14	0,712	0,656	93,765	3,728	0,795	1,139	0,135	0,116	0,024	0,031	0,002	-	0,037	-
1.9.2022 12:14	0,806	0,9	92,817	3,934	1,075	1,542	0,182	0,159	0,032	0,041	0,002	-	0,051	-
1.9.2022 12:14	0,795	0,885	92,916	3,899	1,044	1,506	0,179	0,157	0,032	0,04	0,002	-	0,05	-
1.9.2022 12:14	0,769	0,842	93,069	3,855	1,017	1,466	0,174	0,155	0,031	0,039	0,002	-	0,047	-
1.9.2022 12:14	0,812	0,827	92,936	3,883	1,075	1,542	0,183	0,163	0,031	0,04	0,002	-	0,047	-
1.9.2022 12:14	0,831	0,832	92,896	3,879	1,091	1,562	0,186	0,164	0,031	0,041	0,002	-	0,047	-
1.9.2022 12:14	0,843	0,843	92,946	3,805	1,09	1,563	0,187	0,162	0,032	0,042	0,002	-	0,048	-
1.9.2022 12:14	0,868	0,873	92,843	3,808	1,122	1,608	0,193	0,164	0,034	0,043	0,002	-	0,05	-
1.9.2022 12:14	0,859	0,825	93,172	3,648	1,043	1,496	0,179	0,154	0,031	0,04	0,002	-	0,046	-
1.9.2022 12:14	0,843	0,829	93,297	3,618	0,981	1,412	0,169	0,147	0,03	0,038	0,002	-	0,045	-
1.9.2022 12:14	0,768	0,75	93,642	3,599	0,856	1,241	0,145	0,138	0,025	0,033	0,002	-	0,041	-
1.9.2022 12:14	0,846	0,833	93,404	3,539	0,954	1,378	0,165	0,143	0,03	0,038	0,002	-	0,046	-
1.9.2022 12:14	0,85	0,854	93,408	3,566	0,916	1,322	0,157	0,136	0,029	0,036	0,002	-	0,046	-
1.9.2022 12:14	0,871	0,9	93,015	3,804	0,983	1,41	0,168	0,144	0,03	0,038	0,002	-	0,046	-
1.9.2022 12:14	0,91	0,935	92,97	3,765	0,987	1,419	0,171	0,142	0,031	0,039	0,002	-	0,048	-
1.9.2022 12:14	0,891	0,873	93,086	3,755	0,967	1,395	0,168	0,142	0,03	0,038	0,002	-	0,046	-
1.9.2022 12:14	0,886	0,845	93,126	3,761	0,957	1,382	0,168	0,142	0,03	0,038	0,002	-	0,045	-
1.9.2022 12:14	0,523	0,555	94,229	3,696	0,725	0,997	0,095	0,107	0,02	0,025	0	0,014	-	0,012
1.9.2022 12:14	0,31	0,298	95,384	3,387	0,461	0,622	0,057	0,065	0,011	0,014	0	0,008	-	0,006
1.9.2022 12:14	0,233	0,206	95,707	3,343	0,383	0,511	0,046	0,053	0,008	0,011	0	0,007	-	0,003
1.9.2022 12:14	0,441	0,439	94,588	3,662	0,635	0,87	0,082	0,095	0,016	0,021	0	0,011	-	0,009
1.9.2022 12:14	0,639	0,643	93,716	3,799	0,869	1,203	0,117	0,132	0,024	0,031	0	0,016	-	0,013
1.9.2022 12:14	0,756	0,746	93,27	3,852	0,99	1,377	0,136	0,151	0,028	0,036	0	0,019	-	0,016
1.9.2022 12:14	0,681	0,665	93,532	3,845	0,921	1,277	0,126	0,138	0,026	0,033	0	0,017	-	0,015
1.9.2022 12:14	0,519	0,474	94,264	3,759	0,718	0,984	0,095	0,106	0,019	0,024	0	0,013	-	0,01
1.9.2022 12:14	0,632	0,602	93,947	3,729	0,787	1,09	0,107	0,118	0,022	0,028	0	0,015	-	0,013
1.9.2022 12:14	0,589	0,545	94,206	3,648	0,73	1,012	0,097	0,113	0,02	0,026	0	0,014	-	0,012
1.9.2022 12:14	0,586	0,554	94,151	3,699	0,727	1,009	0,098	0,112	0,02	0,026	0	0,014	-	0,012
1.9.2022 12:14	0,663	0,64	93,971	3,635	0,784	1,091	0,108	0,118	0,023	0,029	0	0,016	-	0,014
1.9.2022 12:14	0,745	0,737	93,671	3,67	0,845	1,177	0,116	0,127	0,025	0,032	0	0,018	-	0,015
1.9.2022 12:14	0,783	0,794	93,371	3,794	0,905	1,258	0,124	0,133	0,027	0,034	0	0,019	-	0,016
1.9.2022 12:14	0,57	0,553	94,031	3,88	0,701	0,965	0,094	0,103	0,019	0,024	0	0,014	-	0,011
1.9.2022 12:14	0,646	0,599	93,954	3,758	0,752	1,043	0,102	0,111	0,022	0,028	0	0,016	-	0,013

C8 (mol %)	C9+ (mol %)	NCV (kWh/m3) @15/15	NCV (MJ/m3) @15/15	NCV (kWh/m3) @25/0	NCV (MJ/m3) @25/0	GCV (kWh/m3) @15/15	GCV (MJ/m3) @15/15	GCV (kWh/m3) @25/0	GCV (MJ/m3) @25/0	Wd(kWh/m3) @15/15	Wd(Mj/m3) @15/15
-	-	9,856157	35,482	10,401129	37,444	10,925155	39,331	11,518708	41,467	12,678	45,641
-	-	9,826897	35,377	10,370175	37,333	10,894848	39,221	11,485948	41,349	12,702	45,727
-	-	9,804915	35,298	10,346876	37,249	10,873079	39,143	11,463561	41,269	12,76	45,936
-	-	9,853167	35,471	10,397948	37,433	10,922428	39,321	11,515799	41,457	12,697	45,709
-	-	9,858229	35,49	10,403309	37,452	10,927551	39,339	11,521224	41,476	12,689	45,679
-	-	9,833442	35,4	10,377066	37,357	10,90232	39,248	11,494508	41,38	12,726	45,813
-	-	9,835838	35,409	10,379604	37,367	10,904729	39,257	11,497061	41,389	12,721	45,795
-	-	9,810165	35,317	10,352441	37,269	10,878183	39,161	11,468801	41,288	12,745	45,881
-	-	9,806565	35,304	10,348666	37,255	10,87368	39,145	11,464262	41,271	12,714	45,77
-	-	9,792409	35,253	10,333679	37,201	10,859216	39,093	11,448947	41,216	12,736	45,849
-	-	9,797634	35,271	10,339226	37,221	10,864185	39,111	11,454229	41,235	12,714	45,771
-	-	9,790067	35,244	10,331281	37,193	10,854865	39,078	11,444456	41,2	12,662	45,584
-	-	9,812992	35,327	10,355515	37,28	10,879033	39,165	11,469995	41,292	12,66	45,577
-	-	9,80846	35,31	10,350722	37,263	10,874285	39,147	11,464975	41,274	12,662	45,583
-	-	9,805906	35,301	10,347956	37,253	10,873176	39,143	11,463712	41,269	12,724	45,808
-	-	9,79934	35,278	10,341047	37,228	10,865474	39,116	11,455617	41,24	12,695	45,703
-	-	9,855102	35,478	10,400016	37,44	10,924004	39,326	11,517494	41,463	12,677	45,636
-	-	9,848938	35,456	10,3935	37,417	10,917717	39,304	11,510618	41,438	12,677	45,636
-	-	9,844601	35,441	10,388907	37,4	10,913102	39,287	11,505963	41,421	12,684	45,663
-	-	9,856443	35,483	10,40142	37,445	10,925689	39,332	11,519256	41,469	12,689	45,68
-	-	9,857452	35,487	10,402489	37,449	10,926686	39,336	11,520313	41,473	12,687	45,672
-	-	9,85033	35,461	10,394969	37,422	10,918968	39,308	11,51217	41,444	12,679	45,645
-	-	9,853685	35,473	10,398521	37,435	10,922199	39,32	11,515592	41,456	12,674	45,625
-	-	9,826948	35,377	10,370289	37,333	10,893944	39,218	11,485719	41,349	12,667	45,6
-	-	9,811639	35,322	10,354089	37,275	10,877352	39,158	11,468438	41,286	12,659	45,571
-	-	9,794757	35,261	10,336232	37,21	10,860022	39,096	11,449895	41,22	12,67	45,613
-	-	9,799599	35,279	10,341371	37,229	10,864613	39,113	11,454791	41,237	12,651	45,542
-	-	9,789432	35,242	10,330633	37,19	10,853636	39,073	11,443189	41,195	12,641	45,506
-	-	9,815443	35,336	10,358121	37,289	10,881259	39,173	11,472368	41,301	12,646	45,526
-	-	9,807886	35,308	10,350079	37,26	10,87289	39,142	11,463545	41,269	12,631	45,473
-	-	9,810475	35,318	10,35287	37,27	10,875962	39,153	11,466773	41,28	12,645	45,524
-	-	9,81169	35,322	10,354148	37,275	10,877385	39,159	11,468267	41,286	12,651	45,545
0	0	9,795142	35,263	10,336445	37,211	10,861922	39,103	11,451795	41,226	12,732	45,834
0	0	9,749706	35,099	10,288377	37,038	10,814944	38,934	11,402108	41,048	12,774	45,985
0	0	9,74249	35,073	10,280733	37,011	10,807826	38,908	11,394563	41,02	12,794	46,058
0	0	9,788381	35,238	10,329273	37,185	10,855398	39,079	11,444869	41,202	12,757	45,924
0	0	9,81941	35,35	10,362111	37,304	10,887185	39,194	11,478507	41,323	12,718	45,783
0	0	9,83387	35,402	10,377419	37,359	10,901882	39,247	11,494068	41,379	12,696	45,705
0	0	9,830085	35,388	10,373398	37,344	10,898392	39,234	11,490352	41,365	12,715	45,775
0	0	9,804655	35,297	10,346479	37,247	10,872424	39,141	11,462864	41,266	12,751	45,905
0	0	9,799267	35,277	10,340823	37,227	10,865769	39,117	11,455886	41,241	12,713	45,768
0	0	9,789235	35,241	10,330211	37,189	10,855386	39,079	11,444906	41,202	12,722	45,8
0	0	9,792043	35,251	10,333179	37,199	10,858369	39,09	11,448056	41,213	12,723	45,801
0	0	9,786757	35,232	10,327618	37,179	10,852114	39,068	11,441483	41,189	12,696	45,706
0	0	9,787902	35,236	10,328852	37,184	10,852685	39,07	11,442121	41,192	12,671	45,617
0	0	9,80227	35,288	10,344045	37,239	10,867733	39,124	11,458026	41,249	12,666	45,597
0	0	9,798785	35,276	10,340296	37,225	10,865649	39,116	11,455734	41,241	12,729	45,823
0	0	9,792619	35,253	10,3338	37,202	10,858599	39,091	11,448316	41,214	12,708	45,751

Wd(kWh/m3) @25/0	Wd(Mj/m3) @25/0	Wg(kWh/m3) @15/15	Wg(Mj/m3) @15/15	Wg(kWh/m3) @25/0	Wg(Mj/m3) @25/0	$\rho$ (kg/m3) @15	$\rho$ (kg/m3) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
13,377	48,158	14,053	50,592	14,815	53,332	0,741	0,7816	0,6044	0,6045	17,471	475,916	80,838
13,402	48,248	14,082	50,697	14,845	53,443	0,733	0,774	0,5985	0,5987	17,304	480,54	82,143
13,463	48,469	14,15	50,941	14,917	53,7	0,724	0,7637	0,5905	0,5906	17,07	487,118	83,748
13,397	48,229	14,075	50,669	14,837	53,413	0,738	0,7789	0,6022	0,6024	17,409	477,602	81,14
13,388	48,197	14,065	50,634	14,827	53,377	0,74	0,7807	0,6036	0,6038	17,449	476,495	80,841
13,427	48,338	14,109	50,792	14,873	53,543	0,732	0,7722	0,5971	0,5973	17,261	481,692	82,189
13,422	48,32	14,103	50,772	14,867	53,522	0,733	0,7732	0,5979	0,598	17,283	481,088	82,037
13,447	48,408	14,132	50,877	14,897	53,629	0,726	0,7663	0,5925	0,5927	17,13	485,379	83,249
13,415	48,294	14,097	50,75	14,861	53,498	0,729	0,7695	0,595	0,5951	17,2	483,409	82,922
13,438	48,377	14,123	50,844	14,888	53,598	0,724	0,7646	0,5912	0,5913	17,091	486,497	83,76
13,415	48,294	14,098	50,754	14,862	53,502	0,728	0,768	0,5938	0,594	17,166	484,35	83,239
13,36	48,097	14,04	50,542	14,8	53,28	0,733	0,7731	0,5978	0,598	17,281	481,135	82,735
13,358	48,09	14,036	50,528	14,796	53,265	0,736	0,777	0,6008	0,601	17,366	478,783	81,951
13,36	48,096	14,038	50,536	14,798	53,274	0,735	0,7761	0,6001	0,6002	17,346	479,333	82,113
13,426	48,333	14,109	50,793	14,873	53,544	0,728	0,7681	0,5939	0,5941	17,169	484,282	83,108
13,395	48,223	14,077	50,676	14,839	53,421	0,73	0,7706	0,5958	0,596	17,224	482,735	82,865
13,376	48,152	14,052	50,585	14,813	53,326	0,741	0,7817	0,6044	0,6046	17,471	475,898	80,857
13,375	48,152	14,052	50,587	14,813	53,328	0,74	0,7807	0,6037	0,6038	17,449	476,506	81,054
13,384	48,181	14,061	50,62	14,823	53,362	0,738	0,7791	0,6024	0,6026	17,413	477,486	81,29
13,389	48,199	14,065	50,636	14,827	53,379	0,739	0,7804	0,6034	0,6036	17,442	476,692	80,927
13,386	48,19	14,063	50,626	14,825	53,369	0,74	0,7808	0,6037	0,6039	17,452	476,429	80,849
13,378	48,162	14,055	50,597	14,816	53,338	0,74	0,7806	0,6036	0,6037	17,447	476,554	80,966
13,372	48,14	14,048	50,573	14,809	53,312	0,741	0,7818	0,6045	0,6047	17,474	475,812	80,782
13,365	48,114	14,042	50,551	14,803	53,289	0,738	0,7784	0,6019	0,6021	17,399	477,864	81,525
13,357	48,084	14,034	50,522	14,794	53,258	0,736	0,777	0,6008	0,6009	17,367	478,754	81,94
13,369	48,128	14,048	50,574	14,809	53,313	0,732	0,7729	0,5976	0,5978	17,276	481,281	82,689
13,348	48,053	14,025	50,492	14,785	53,226	0,735	0,7761	0,6001	0,6002	17,347	479,311	82,225
13,337	48,015	14,015	50,453	14,774	53,186	0,735	0,7757	0,5998	0,5999	17,338	479,548	82,438
13,343	48,036	14,019	50,469	14,779	53,203	0,738	0,7791	0,6024	0,6026	17,415	477,437	81,671
13,328	47,98	14,003	50,411	14,762	53,142	0,739	0,7797	0,6029	0,6031	17,427	477,12	81,701
13,343	48,033	14,019	50,468	14,778	53,201	0,738	0,7784	0,6019	0,6021	17,399	477,867	81,774
13,349	48,056	14,026	50,492	14,785	53,227	0,737	0,7779	0,6015	0,6016	17,387	478,2	81,8
13,433	48,359	14,118	50,825	14,882	53,577	0,725	0,7655	0,5919	0,5921	17,112	485,912	83,587
13,477	48,518	14,169	51,009	14,936	53,77	0,714	0,7535	0,5826	0,5828	16,844	493,672	85,896
13,499	48,596	14,193	51,095	14,961	53,861	0,711	0,7499	0,5799	0,58	16,765	496,023	86,496
13,46	48,455	14,147	50,93	14,913	53,688	0,721	0,7615	0,5888	0,5889	17,021	488,486	84,184
13,418	48,306	14,1	50,762	14,864	53,511	0,731	0,771	0,5962	0,5963	17,234	482,446	82,49
13,395	48,224	14,075	50,668	14,837	53,413	0,735	0,776	0,6	0,6002	17,344	479,389	81,66
13,416	48,298	14,097	50,75	14,861	53,499	0,732	0,773	0,5977	0,5978	17,277	481,238	82,074
13,454	48,434	14,14	50,904	14,906	53,66	0,725	0,7646	0,5912	0,5914	17,092	486,458	83,48
13,414	48,291	14,097	50,75	14,861	53,498	0,728	0,7684	0,5941	0,5943	17,175	484,11	83,098
13,423	48,324	14,108	50,788	14,872	53,538	0,726	0,7657	0,5921	0,5922	17,117	485,761	83,578
13,424	48,325	14,108	50,789	14,872	53,539	0,726	0,7661	0,5924	0,5925	17,125	485,514	83,489
13,396	48,225	14,078	50,682	14,841	53,427	0,728	0,7685	0,5942	0,5944	17,178	484,031	83,278
13,37	48,131	14,05	50,579	14,811	53,318	0,731	0,7717	0,5967	0,5968	17,249	482,027	82,865
13,364	48,111	14,043	50,554	14,803	53,292	0,734	0,7746	0,5989	0,5991	17,314	480,218	82,302
13,43	48,348	14,115	50,812	14,879	53,564	0,726	0,7665	0,5926	0,5928	17,133	485,321	83,361
13,409	48,272	14,092	50,731	14,855	53,478	0,728	0,7679	0,5938	0,5939	17,165	484,388	83,221