

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.05.2023 06:00	17.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
17.05.2023 06:00	18.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
18.05.2023 06:00	19.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
19.05.2023 06:00	20.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
20.05.2023 06:00	21.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
21.05.2023 06:00	22.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
22.05.2023 06:00	23.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
23.05.2023 06:00	24.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
24.05.2023 06:00	25.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
25.05.2023 06:00	26.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
26.05.2023 06:00	27.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
27.05.2023 06:00	28.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
28.05.2023 06:00	29.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
29.05.2023 06:00	30.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
30.05.2023 06:00	31.05.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.05.2023 13:28
31.05.2023 06:00	01.06.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.06.2023 07:55
16.05.2023 06:00	17.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
17.05.2023 06:00	18.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
18.05.2023 06:00	19.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
19.05.2023 06:00	20.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
20.05.2023 06:00	21.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
21.05.2023 06:00	22.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
22.05.2023 06:00	23.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
23.05.2023 06:00	24.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
24.05.2023 06:00	25.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
25.05.2023 06:00	26.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
26.05.2023 06:00	27.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
27.05.2023 06:00	28.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
28.05.2023 06:00	29.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
29.05.2023 06:00	30.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
30.05.2023 06:00	31.05.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.05.2023 13:28
31.05.2023 06:00	01.06.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.06.2023 07:55
16.05.2023 06:00	17.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
17.05.2023 06:00	18.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
18.05.2023 06:00	19.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
19.05.2023 06:00	20.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
20.05.2023 06:00	21.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
21.05.2023 06:00	22.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
22.05.2023 06:00	23.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
23.05.2023 06:00	24.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
24.05.2023 06:00	25.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
25.05.2023 06:00	26.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
26.05.2023 06:00	27.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
27.05.2023 06:00	28.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
28.05.2023 06:00	29.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
29.05.2023 06:00	30.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
30.05.2023 06:00	31.05.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.05.2023 13:28
31.05.2023 06:00	01.06.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.06.2023 07:55

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.

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 %)	C8 (mol %)
0,149	0,053	90,926	5,555	2,058	3,317	0,599	0,616	0,006	0,034	0,001	-	0,003	-	-
0,109	0	90,914	5,568	2,106	3,410	0,621	0,641	0,005	0,034	0,001	-	0,002	-	-
0,092	0	90,865	5,606	2,122	3,437	0,627	0,646	0,005	0,034	0	-	0,001	-	-
0,137	0,063	90,875	5,596	2,065	3,328	0,602	0,618	0,006	0,034	0	-	0,003	-	-
0,396	0,339	91,174	5,315	1,769	2,775	0,470	0,478	0,011	0,034	0,002	-	0,012	-	-
0,421	0,360	91,380	5,159	1,712	2,679	0,448	0,455	0,012	0,034	0,003	-	0,015	-	-
0,097	0,005	91,127	5,471	2,038	3,301	0,604	0,618	0,005	0,033	0,001	-	0,002	-	-
0,520	0,500	91,402	5,207	1,543	2,370	0,387	0,380	0,013	0,031	0,002	-	0,016	-	-
0,586	0,551	91,464	5,173	1,451	2,226	0,357	0,353	0,013	0,031	0,002	-	0,018	-	-
0,619	0,641	91,301	5,251	1,437	2,188	0,337	0,339	0,017	0,034	0,002	-	0,023	-	-
0,372	0,368	91,307	5,344	1,659	2,609	0,445	0,446	0,011	0,033	0,001	-	0,014	-	-
0,905	0,961	91,791	4,937	1,002	1,406	0,163	0,154	0,021	0,031	0	-	0,035	-	-
0,952	0,979	91,824	4,893	0,966	1,351	0,152	0,145	0,022	0,031	0	-	0,035	-	-
0,467	0,469	95,081	3,025	0,678	0,959	0,120	0,113	0,011	0,018	0	-	0,017	-	-
0,443	0,465	95,126	3,012	0,682	0,954	0,120	0,109	0,011	0,018	0	-	0,016	-	-
0,032	0,019	97,873	1,467	0,414	0,609	0,092	0,088	0,003	0,008	0	-	0,003	-	-
0,544	0,550	91,182	5,371	1,546	2,354	0,374	0,366	0,014	0,032	0,003	-	0,017	-	-
0,525	0,499	91,255	5,315	1,569	2,406	0,388	0,383	0,014	0,032	0,003	-	0,016	-	-
0,431	0,424	91,085	5,416	1,701	2,643	0,442	0,439	0,012	0,033	0,004	-	0,013	-	-
1,022	1,100	91,259	5,152	1,081	1,466	0,164	0,137	0,022	0,031	0,001	-	0,030	-	-
1,026	1,035	91,774	4,699	1,071	1,466	0,160	0,141	0,024	0,033	0,001	-	0,034	-	-
0,986	0,981	92,071	4,513	1,049	1,449	0,161	0,142	0,025	0,034	0,002	-	0,036	-	-
0,905	0,882	91,876	4,696	1,149	1,642	0,209	0,194	0,022	0,033	0,002	-	0,032	-	-
1,022	1,092	91,322	5,101	1,077	1,463	0,162	0,138	0,022	0,031	0,001	-	0,031	-	-
1,049	1,057	91,620	4,947	0,970	1,328	0,143	0,130	0,021	0,030	0,001	-	0,033	-	-
0,945	1,017	91,530	5,045	1,039	1,463	0,170	0,163	0,022	0,033	0,001	-	0,035	-	-
0,912	0,978	91,757	4,962	0,995	1,392	0,159	0,149	0,022	0,031	0,001	-	0,035	-	-
0,933	0,980	91,783	4,940	0,975	1,364	0,155	0,146	0,022	0,031	0,001	-	0,034	-	-
0,954	0,994	91,726	4,959	0,976	1,367	0,155	0,146	0,022	0,031	0,001	-	0,035	-	-
1,010	1,048	91,574	4,976	1,011	1,392	0,154	0,139	0,022	0,031	0,001	-	0,034	-	-
0,977	1,065	91,389	5,137	1,050	1,431	0,160	0,137	0,022	0,030	0,001	-	0,032	-	-
0,484	0,516	94,767	3,218	0,728	1,014	0,127	0,112	0,012	0,019	0,001	-	0,016	-	-
0,159	0,004	91,084	5,618	2,070	3,134	0,458	0,567	0,007	0,032	0	0	-	0	0
0,111	0	90,980	5,590	2,127	3,319	0,506	0,646	0,006	0,034	0	0	-	0	0
0,098	0	90,938	5,624	2,141	3,340	0,508	0,651	0,006	0,035	0	0	-	0	0
0,096	0,004	90,935	5,631	2,140	3,336	0,506	0,649	0,006	0,035	0	0	-	0	0
0,250	0,183	91,042	5,511	1,959	3,014	0,443	0,564	0,009	0,034	0	0,004	-	0	0
0,461	0,396	91,464	5,128	1,695	2,551	0,353	0,443	0,014	0,034	0	0,008	-	0,004	0
0,119	0,025	91,128	5,514	2,064	3,215	0,488	0,622	0,006	0,034	0	0,001	-	0	0
0,319	0,267	91,392	5,320	1,769	2,702	0,395	0,490	0,009	0,032	0	0,006	-	0,001	0
0,473	0,432	91,496	5,217	1,584	2,382	0,333	0,409	0,012	0,032	0	0,011	-	0	0
0,728	0,689	91,326	5,254	1,371	2,003	0,254	0,313	0,016	0,032	0	0,014	-	0,005	0
0,444	0,438	91,368	5,308	1,620	2,442	0,339	0,423	0,013	0,034	0	0,008	-	0,005	0
0,444	0,438	91,368	5,308	1,620	2,442	0,339	0,423	0,013	0,034	0	0,008	-	0,005	0
0,444	0,438	91,368	5,308	1,620	2,442	0,339	0,423	0,013	0,034	0	0,008	-	0,005	0
0,444	0,438	91,368	5,308	1,620	2,442	0,339	0,423	0,013	0,034	0	0,008	-	0,005	0
0,444	0,438	91,368	5,308	1,620	2,442	0,339	0,423	0,013	0,034	0	0,008	-	0,005	0
0,235	0,236	96,544	2,224	0,549	0,761	0,085	0,099	0,008	0,013	0	0,008	-	0	0

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	Wd(kWh/m3) @25/0
-	10,423516	37,525	11,000402	39,601	11,538799	41,540	12,166433	43,799	47,588	50,213	13,219
-	10,450369	37,621	11,028763	39,704	11,567901	41,644	12,197148	43,910	47,692	50,323	13,248
-	10,458177	37,649	11,037014	39,733	11,576314	41,675	12,206040	43,942	47,714	50,345	13,254
-	10,428758	37,544	11,005956	39,621	11,544408	41,560	12,172356	43,820	47,598	50,223	13,222
-	10,261032	36,940	10,827464	38,979	11,362655	40,906	11,980512	43,130	46,982	49,573	13,050
-	10,227433	36,819	10,793283	38,856	11,327684	40,780	11,943589	42,997	46,897	49,483	13,027
-	10,424266	37,527	11,001179	39,604	11,539947	41,544	12,167624	43,803	47,641	50,268	13,234
-	10,155598	36,560	10,714571	38,572	11,248614	40,495	11,857047	42,685	46,615	49,198	12,949
-	10,114875	36,414	10,674394	38,428	11,204494	40,336	11,813560	42,529	46,480	49,043	12,911
-	10,103258	36,372	10,662145	38,384	11,191589	40,290	11,799964	42,480	46,386	48,944	12,885
-	10,242453	36,873	10,809150	38,913	11,332714	40,798	11,959562	43,054	46,917	49,541	13,032
-	9,885061	35,586	10,431728	37,554	10,955475	39,440	11,550796	41,583	45,627	48,142	12,674
-	9,866253	35,519	10,411808	37,483	10,935073	39,366	11,529204	41,505	45,557	48,069	12,655
-	9,751241	35,104	10,290179	37,045	10,815535	38,936	11,402812	41,050	45,817	48,342	12,727
-	9,751411	35,105	10,290355	37,045	10,815819	38,937	11,403107	41,051	45,829	48,355	12,730
-	9,657779	34,768	10,191340	36,689	10,718675	38,587	11,300394	40,681	46,082	48,622	12,801
-	10,154828	36,557	10,716611	38,580	11,247471	40,491	11,858944	42,692	46,577	49,145	12,938
-	10,136397	36,491	10,696433	38,507	11,226968	40,417	11,838045	42,617	46,540	49,103	12,928
-	10,239050	36,861	10,805566	38,900	11,335220	40,807	11,951561	43,026	46,873	49,458	13,020
-	9,883306	35,580	10,429848	37,547	10,952635	39,429	11,547781	41,572	45,494	48,003	12,637
-	9,857337	35,486	10,402406	37,449	10,925051	39,330	11,518647	41,467	45,476	47,983	12,632
-	9,850776	35,463	10,395464	37,424	10,918372	39,306	11,511578	41,442	45,509	48,018	12,641
-	9,922872	35,722	10,463870	37,670	10,996396	39,587	11,585552	41,708	45,764	48,287	12,712
-	9,880224	35,569	10,426545	37,536	10,949319	39,418	11,544330	41,560	45,492	48,001	12,637
-	9,847791	35,452	10,392323	37,412	10,914638	39,293	11,507656	41,428	45,434	47,939	12,620
-	9,894012	35,618	10,441144	37,588	10,964710	39,473	11,560508	41,618	45,596	48,110	12,665
-	9,882006	35,575	10,428447	37,542	10,952110	39,428	11,547291	41,570	45,607	48,122	12,669
-	9,873538	35,545	10,419503	37,510	10,942948	39,395	11,537516	41,535	45,580	48,093	12,661
-	9,872171	35,540	10,418063	37,505	10,941352	39,389	11,535838	41,529	45,560	48,072	12,656
-	9,865989	35,518	10,411545	37,482	10,934321	39,364	11,528432	41,502	45,493	48,001	12,637
-	9,884471	35,584	10,431068	37,552	10,954178	39,435	11,549396	41,578	45,535	48,046	12,649
-	9,768010	35,165	10,307907	37,108	10,833261	39,000	11,421544	41,118	45,824	48,350	12,729
0	10,390387	37,405	10,965225	39,475	11,503284	41,412	12,128847	43,664	47,548	50,170	13,208
0	10,429596	37,547	11,006666	39,624	11,545515	41,564	12,173455	43,824	47,649	50,277	13,236
0	10,437127	37,574	11,014623	39,653	11,553638	41,593	12,182031	43,855	47,670	50,299	13,242
0	10,436589	37,572	11,014055	39,651	11,553055	41,591	12,181416	43,853	47,667	50,296	13,241
0	10,339442	37,222	10,911441	39,281	11,447692	41,212	12,070203	43,453	47,299	49,907	13,138
0	10,190515	36,686	10,754134	38,715	11,286508	40,631	11,900067	42,840	46,780	49,360	12,994
0	10,402676	37,450	10,978223	39,522	11,516542	41,460	12,142862	43,714	47,576	50,200	13,216
0	10,256166	36,922	10,823466	38,964	11,357868	40,888	11,975372	43,111	47,050	49,644	13,069
0	10,162612	36,585	10,724663	38,609	11,256412	40,523	11,868299	42,726	46,696	49,271	12,971
0	10,051017	36,184	10,606817	38,185	11,134903	40,086	11,740079	42,264	46,209	48,756	12,836
0	10,183137	36,659	10,746323	38,687	11,278497	40,603	11,891591	42,810	46,744	49,324	12,985
0	10,183137	36,659	10,746323	38,687	11,278497	40,603	11,891591	42,810	46,744	49,324	12,985
0	10,183137	36,659	10,746323	38,687	11,278497	40,603	11,891591	42,810	46,744	49,324	12,985
0	10,183137	36,659	10,746323	38,687	11,278497	40,603	11,891591	42,810	46,744	49,324	12,985
0	10,183137	36,659	10,746323	38,687	11,278497	40,603	11,891591	42,810	46,744	49,324	12,985
0	9,698876	34,916	10,234677	36,845	10,761017	38,740	11,345171	40,843	45,946	48,477	12,763

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)
13,948	14,633	52,680	15,427	55,536	0,762	0,8042	0,6218	0,6220	17,969	462,729	72,105
13,979	14,664	52,792	15,459	55,654	0,763	0,8048	0,6223	0,6225	17,983	462,361	71,736
13,985	14,671	52,815	15,466	55,678	0,763	0,8053	0,6226	0,6229	17,995	462,042	71,611
13,951	14,636	52,690	15,429	55,546	0,762	0,8047	0,6221	0,6224	17,980	462,438	72,004
13,770	14,452	52,026	15,235	54,845	0,757	0,7994	0,6181	0,6182	17,862	465,502	74,275
13,745	14,425	51,932	15,207	54,746	0,755	0,7973	0,6165	0,6167	17,817	466,659	74,765
13,963	14,650	52,739	15,444	55,598	0,760	0,8025	0,6205	0,6207	17,932	463,661	72,183
13,666	14,346	51,645	15,120	54,431	0,753	0,7951	0,6148	0,6150	17,769	467,926	75,868
13,623	14,302	51,487	15,077	54,277	0,752	0,7938	0,6137	0,6139	17,739	468,710	76,411
13,596	14,273	51,383	15,046	54,167	0,753	0,7951	0,6147	0,6149	17,768	467,982	76,594
13,761	14,433	51,958	15,226	54,814	0,755	0,7976	0,6165	0,6169	17,817	466,697	74,892
13,373	14,046	50,567	14,807	53,307	0,745	0,7868	0,6083	0,6085	17,578	473,030	79,942
13,352	14,026	50,492	14,785	53,227	0,745	0,7862	0,6079	0,6080	17,571	473,193	80,230
13,428	14,116	50,818	14,880	53,569	0,720	0,7593	0,5871	0,5873	16,973	489,957	85,350
13,432	14,120	50,831	14,884	53,584	0,719	0,7589	0,5868	0,5870	16,965	490,182	85,398
13,506	14,207	51,144	14,976	53,913	0,698	0,7362	0,5693	0,5694	16,459	505,187	90,538
13,651	14,330	51,588	15,107	54,384	0,755	0,7966	0,6159	0,6161	17,802	467,091	75,911
13,640	14,319	51,547	15,095	54,341	0,753	0,7951	0,6148	0,6150	17,796	467,210	75,587
13,738	14,419	51,908	15,204	54,734	0,757	0,7993	0,6180	0,6182	17,859	465,596	74,690
13,334	14,005	50,417	14,763	53,148	0,750	0,7911	0,6116	0,6118	17,680	470,282	79,576
13,329	14,000	50,401	14,759	53,132	0,746	0,7875	0,6089	0,6091	17,601	472,407	80,194
13,338	14,011	50,441	14,770	53,173	0,744	0,7853	0,6072	0,6074	17,553	473,674	80,484
13,413	14,087	50,715	14,851	53,462	0,746	0,7878	0,6091	0,6093	17,606	472,257	79,444
13,334	14,004	50,416	14,763	53,146	0,749	0,7906	0,6113	0,6115	17,670	470,537	79,646
13,316	13,988	50,356	14,745	53,084	0,746	0,7875	0,6089	0,6091	17,601	472,401	80,338
13,364	14,036	50,530	14,796	53,267	0,748	0,7892	0,6102	0,6104	17,639	471,368	79,618
13,367	14,041	50,546	14,801	53,284	0,746	0,7869	0,6085	0,6086	17,588	472,730	79,975
13,359	14,032	50,516	14,792	53,253	0,745	0,7865	0,6081	0,6083	17,580	472,966	80,112
13,353	14,026	50,494	14,786	53,230	0,746	0,7870	0,6085	0,6087	17,590	472,691	80,076
13,334	14,005	50,419	14,764	53,150	0,747	0,7883	0,6095	0,6097	17,620	471,894	80,026
13,346	14,017	50,463	14,777	53,197	0,748	0,7898	0,6107	0,6109	17,653	471,003	79,684
13,431	14,117	50,822	14,882	53,575	0,722	0,7619	0,5891	0,5893	17,032	488,704	85,230
13,936	14,623	52,641	15,415	55,494	0,758	0,8004	0,6189	0,6191	17,885	464,895	72,687
13,966	14,652	52,747	15,446	55,606	0,761	0,8031	0,6209	0,6211	17,944	463,352	72,092
13,972	14,658	52,769	15,453	55,630	0,761	0,8035	0,6213	0,6215	17,954	463,089	71,991
13,971	14,657	52,767	15,452	55,627	0,761	0,8035	0,6213	0,6215	17,954	463,089	72,001
13,863	14,547	52,368	15,335	55,207	0,759	0,8010	0,6193	0,6195	17,898	464,555	73,179
13,711	14,392	51,811	15,172	54,619	0,754	0,7954	0,6150	0,6152	17,775	467,779	75,229
13,944	14,631	52,671	15,424	55,526	0,759	0,8014	0,6196	0,6198	17,906	464,331	72,498
13,790	14,473	52,104	15,258	54,928	0,755	0,7965	0,6158	0,6160	17,798	467,155	74,448
13,686	14,367	51,722	15,146	54,525	0,752	0,7939	0,6138	0,6140	17,742	468,644	75,686
13,543	14,220	51,192	14,990	53,966	0,751	0,7930	0,6132	0,6134	17,723	469,141	77,098
13,701	14,381	51,773	15,161	54,581	0,754	0,7954	0,6150	0,6152	17,775	467,791	75,424
13,701	14,381	51,773	15,161	54,581	0,754	0,7954	0,6150	0,6152	17,775	467,791	75,424
13,701	14,381	51,773	15,161	54,581	0,754	0,7954	0,6150	0,6152	17,775	467,791	75,424
13,701	14,381	51,773	15,161	54,581	0,754	0,7954	0,6150	0,6152	17,775	467,791	75,424
13,701	14,381	51,773	15,161	54,581	0,754	0,7954	0,6150	0,6152	17,775	467,791	75,424
13,466	14,160	50,978	14,927	53,737	0,708	0,7469	0,5775	0,5777	16,697	497,989	87,850