

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.5.2022 6:00	17.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.5.2022 6:00	18.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.5.2022 6:00	19.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.5.2022 6:00	20.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.5.2022 6:00	21.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.5.2022 6:00	22.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.5.2022 6:00	23.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.5.2022 6:00	24.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.5.2022 6:00	25.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.5.2022 6:00	26.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.5.2022 6:00	27.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.5.2022 6:00	28.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.5.2022 6:00	29.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.5.2022 6:00	30.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.5.2022 6:00	31.5.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.5.2022 6:00	1.6.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.5.2022 6:00	17.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.5.2022 6:00	18.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.5.2022 6:00	19.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.5.2022 6:00	20.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.5.2022 6:00	21.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.5.2022 6:00	22.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.5.2022 6:00	23.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.5.2022 6:00	24.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.5.2022 6:00	25.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.5.2022 6:00	26.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.5.2022 6:00	27.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.5.2022 6:00	28.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.5.2022 6:00	29.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.5.2022 6:00	30.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.5.2022 6:00	31.5.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.5.2022 6:00	1.6.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.5.2022 6:00	17.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.5.2022 6:00	18.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.5.2022 6:00	19.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.5.2022 6:00	20.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.5.2022 6:00	21.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.5.2022 6:00	22.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.5.2022 6:00	23.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.5.2022 6:00	24.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.5.2022 6:00	25.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.5.2022 6:00	26.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.5.2022 6:00	27.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.5.2022 6:00	28.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.5.2022 6:00	29.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.5.2022 6:00	30.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.5.2022 6:00	31.5.2022 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.5.2022 6:00	1.6.2022 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 %)
31.5.2022 14:52	0,187	0,086	96,744	2,706	0,213	0,276	0,025	0,025	0,003	0,005	0	-	0,006	-
31.5.2022 14:52	0,067	0	97,117	2,663	0,126	0,153	0,011	0,012	0,001	0,002	0	-	0,001	-
31.5.2022 14:52	0,015	0	95,116	3,383	0,991	1,486	0,21	0,267	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,013	0	95,082	3,381	1,014	1,523	0,216	0,274	0,002	0,013	0,002	-	0,001	-
31.5.2022 14:52	0,012	0	95,098	3,375	1,008	1,514	0,215	0,273	0,002	0,013	0,002	-	0,001	-
31.5.2022 14:52	0,012	0	95,139	3,36	0,992	1,489	0,211	0,268	0,002	0,013	0,002	-	0,001	-
31.5.2022 14:52	0,012	0	95,131	3,363	0,996	1,495	0,212	0,269	0,002	0,013	0,002	-	0,001	-
31.5.2022 14:52	0,013	0	95,144	3,367	0,983	1,475	0,209	0,265	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,012	0	95,049	3,429	1,006	1,51	0,214	0,272	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,011	0	95,159	3,397	0,957	1,433	0,202	0,257	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,011	0	95,213	3,377	0,935	1,399	0,197	0,25	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,01	0	95,192	3,392	0,94	1,406	0,198	0,252	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,01	0	95,182	3,401	0,94	1,408	0,198	0,252	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,008	0	95,153	3,422	0,947	1,418	0,2	0,254	0,002	0,012	0,002	-	0,001	-
31.5.2022 14:52	0,009	0	95,291	3,408	0,865	1,292	0,18	0,229	0,002	0,011	0,002	-	0,003	-
1.6.2022 7:55	0,023	0	96,61	2,97	0,278	0,397	0,045	0,052	0,004	0,008	0,001	-	0,009	-
31.5.2022 14:52	0,562	0,426	95,029	3,098	0,635	0,884	0,097	0,096	0,015	0,02	0,001	-	0,019	-
31.5.2022 14:52	0,071	0	97,167	2,639	0,107	0,123	0,006	0,007	0,001	0,002	0	-	0,001	-
31.5.2022 14:52	0,02	0	95,273	3,325	0,922	1,382	0,197	0,249	0,002	0,011	0,002	-	0	-
31.5.2022 14:52	0,015	0	95,09	3,374	1,011	1,521	0,218	0,276	0,002	0,013	0,002	-	0	-
31.5.2022 14:52	0,012	0	95,09	3,372	1,014	1,526	0,219	0,277	0,002	0,013	0,002	-	0	-
31.5.2022 14:52	0,013	0	95,134	3,356	0,995	1,497	0,214	0,271	0,002	0,013	0,002	-	0	-
31.5.2022 14:52	0,013	0	95,13	3,361	0,995	1,496	0,214	0,271	0,002	0,013	0,002	-	0	-
31.5.2022 14:52	0,014	0	95,146	3,359	0,985	1,481	0,211	0,268	0,002	0,012	0,002	-	0	-
31.5.2022 14:52	0,013	0	95,088	3,396	0,999	1,502	0,215	0,272	0,002	0,012	0,002	-	0	-
31.5.2022 14:52	0,012	0	95,128	3,403	0,971	1,457	0,208	0,263	0,002	0,012	0,002	-	0	-
31.5.2022 14:52	0,012	0	95,213	3,372	0,936	1,403	0,199	0,252	0,002	0,012	0,002	-	0	-
31.5.2022 14:52	0,012	0	95,192	3,381	0,944	1,416	0,202	0,255	0,002	0,012	0,002	-	0	-
31.5.2022 14:52	0,241	0,212	94,865	3,365	0,893	1,319	0,177	0,211	0,008	0,017	0,002	-	0,01	-
31.5.2022 14:52	0,293	0,272	94,799	3,371	0,86	1,265	0,167	0,195	0,01	0,018	0,002	-	0,013	-
31.5.2022 14:52	0,048	0,041	95,073	3,452	0,927	1,386	0,195	0,245	0,003	0,013	0,002	-	0,002	-
1.6.2022 7:55	0,023	0	96,573	2,981	0,296	0,423	0,048	0,058	0,004	0,008	0	-	0,008	-
31.5.2022 14:52	0,233	0,126	96,549	2,754	0,264	0,338	0,027	0,03	0,005	0,007	0	0,003	-	0,002
31.5.2022 14:52	0,071	0	97,129	2,656	0,127	0,144	0,009	0,005	0,001	0,002	0	0	-	0
31.5.2022 14:52	0,023	0	95,439	3,289	0,864	1,25	0,146	0,227	0,002	0,011	0	0	-	0
31.5.2022 14:52	0,015	0	95,138	3,383	1,006	1,464	0,172	0,27	0,002	0,013	0	0	-	0
31.5.2022 14:52	0,012	0	95,128	3,386	1,012	1,473	0,174	0,272	0,002	0,013	0	0	-	0
31.5.2022 14:52	0,013	0	95,173	3,37	0,993	1,445	0,171	0,266	0,002	0,013	0	0	-	0
31.5.2022 14:52	0,013	0	95,162	3,377	0,994	1,448	0,172	0,267	0,002	0,013	0	0	-	0
31.5.2022 14:52	0,014	0	95,184	3,372	0,982	1,43	0,17	0,263	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,012	0	95,059	3,452	1,014	1,478	0,176	0,272	0,002	0,013	0	0	-	0
31.5.2022 14:52	0,012	0	95,18	3,407	0,964	1,401	0,166	0,257	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,012	0	95,245	3,385	0,935	1,357	0,159	0,249	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,011	0	95,223	3,402	0,94	1,364	0,161	0,25	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,01	0	95,206	3,414	0,943	1,369	0,161	0,251	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,009	0	95,185	3,43	0,947	1,376	0,163	0,252	0,002	0,012	0	0	-	0
31.5.2022 14:52	0,007	0	95,131	3,475	0,955	1,388	0,164	0,254	0,002	0,012	0	0	-	0
1.6.2022 7:55	0,022	0	96,492	3,018	0,335	0,467	0,046	0,068	0,004	0,009	0	0,005	-	0

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	Wd(kWh/m3) @25/0
-	-	9,670023	34,812	10,204282	36,735	10,730925	38,631	11,313347	40,728	12,779	46,005	13,484
-	-	9,664805	34,793	10,198743	36,715	10,726072	38,614	11,308185	40,709	12,805	46,096	13,51
-	-	9,95344	35,832	10,503677	37,813	11,035643	39,728	11,635048	41,886	12,976	46,715	13,692
-	-	9,959995	35,856	10,510603	37,838	11,042677	39,754	11,642475	41,913	12,98	46,729	13,696
-	-	9,958229	35,85	10,508737	37,831	11,040788	39,747	11,64048	41,906	12,98	46,726	13,695
-	-	9,952772	35,83	10,502971	37,811	11,03494	39,726	11,634305	41,883	12,976	46,715	13,692
-	-	9,953999	35,834	10,504268	37,815	11,036257	39,731	11,635696	41,889	12,977	46,718	13,693
-	-	9,950814	35,823	10,500903	37,803	11,032836	39,718	11,632083	41,875	12,975	46,711	13,69
-	-	9,961372	35,861	10,512057	37,843	11,044154	39,759	11,644034	41,919	12,981	46,733	13,697
-	-	9,945819	35,805	10,495625	37,784	11,027488	39,699	11,626435	41,855	12,973	46,702	13,688
-	-	9,938575	35,779	10,487927	37,757	11,01968	39,671	11,61819	41,825	12,968	46,687	13,683
-	-	9,940902	35,787	10,490429	37,766	11,022219	39,68	11,620871	41,835	12,97	46,692	13,688
-	-	9,941858	35,791	10,491439	37,769	11,023247	39,684	11,621956	41,839	12,971	46,694	13,686
-	-	9,945329	35,803	10,495153	37,783	11,02702	39,697	11,62594	41,853	12,973	46,702	13,688
-	-	9,922789	35,722	10,471292	37,697	11,002805	39,61	11,603071	41,761	12,96	46,655	13,674
-	-	9,736388	35,051	10,274361	36,988	10,802953	38,891	11,389351	41,002	12,851	46,264	13,559
-	-	9,739093	35,061	10,277346	36,998	10,802321	38,888	11,388862	41	12,717	45,78	13,418
-	-	9,657273	34,766	10,190786	36,687	10,717986	38,585	11,299649	40,679	12,8	46,079	13,505
-	-	9,930714	35,751	10,479668	37,727	11,011268	39,641	11,609311	41,794	12,963	46,666	13,678
-	-	9,958753	35,852	10,509325	37,834	11,041374	39,749	11,641099	41,908	12,98	46,726	13,695
-	-	9,959875	35,856	10,510477	37,838	11,042553	39,753	11,642344	41,912	12,98	46,73	13,696
-	-	9,953634	35,833	10,503883	37,814	11,035861	39,729	11,635278	41,887	12,977	46,717	13,692
-	-	9,953851	35,834	10,504112	37,815	11,036094	39,73	11,635524	41,888	12,977	46,717	13,692
-	-	9,951009	35,824	10,501109	37,804	11,033044	39,719	11,632303	41,876	12,975	46,711	13,691
-	-	9,957466	35,847	10,507931	37,829	11,039966	39,744	11,639612	41,903	12,979	46,724	13,695
-	-	9,950161	35,821	10,500212	37,801	11,03214	39,716	11,631347	41,873	12,975	46,71	13,69
-	-	9,938491	35,779	10,487882	37,756	11,01963	39,671	11,618138	41,825	12,968	46,686	13,683
-	-	9,941452	35,789	10,491011	37,768	11,022805	39,682	11,62149	41,837	12,97	46,692	13,685
-	-	9,883844	35,582	10,430207	37,549	10,959438	39,454	11,554664	41,597	12,874	46,346	13,584
-	-	9,865139	35,514	10,41046	37,478	10,938973	39,38	11,533076	41,519	12,847	46,249	13,555
-	-	9,934802	35,765	10,483995	37,742	11,01539	39,655	11,613675	41,809	12,955	46,638	13,669
-	-	9,741287	35,069	10,279537	37,006	10,808206	38,91	11,394897	41,022	12,854	46,274	13,562
0	0	9,675628	34,832	10,210087	36,756	10,736473	38,651	11,319216	40,749	12,77	45,971	13,473
0	0	9,661564	34,782	10,195197	36,703	10,722453	38,601	11,304369	40,696	12,802	46,088	13,508
0	0	9,902904	35,65	10,450147	37,621	10,981323	39,533	11,57767	41,68	12,947	46,608	13,66
0	0	9,947372	35,811	10,497137	37,79	11,029016	39,704	11,628038	41,861	12,973	46,703	13,688
0	0	9,949528	35,818	10,499415	37,798	11,031339	39,713	11,630489	41,87	12,975	46,709	13,69
0	0	9,94341	35,796	10,492951	37,775	11,024778	39,689	11,623563	41,845	12,971	46,696	13,686
0	0	9,944556	35,8	10,494162	37,779	11,026007	39,694	11,62486	41,849	12,972	46,698	13,687
0	0	9,940995	35,788	10,490399	37,765	11,022186	39,68	11,620825	41,835	12,97	46,69	13,684
0	0	9,955234	35,839	10,505442	37,82	11,037454	39,735	11,636945	41,893	12,978	46,721	13,693
0	0	9,938815	35,78	10,488095	37,757	11,019855	39,671	11,618362	41,826	12,969	46,687	13,683
0	0	9,92958	35,746	10,478338	37,722	11,009954	39,636	11,607909	41,788	12,963	46,668	13,678
0	0	9,932151	35,756	10,481054	37,732	11,012714	39,646	11,610822	41,799	12,965	46,674	13,679
0	0	9,934	35,762	10,483008	37,739	11,014699	39,653	11,612918	41,807	12,966	46,678	13,681
0	0	9,936415	35,771	10,485559	37,748	11,017291	39,662	11,615654	41,816	12,968	46,683	13,682
0	0	9,941997	35,791	10,491455	37,769	11,023281	39,684	11,621978	41,839	12,971	46,696	13,686
0	0	9,750379	35,101	10,289015	37,04	10,817827	38,944	11,405052	41,058	12,859	46,293	13,568

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	ρ (kg/m3) @15	ρ (kg/m3) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
48,541	14,181	51,053	14,949	53,817	0,702	0,7406	0,5726	0,5728	16,557	502,199	89,564
48,637	14,211	51,158	14,98	53,928	0,698	0,7368	0,5697	0,5699	16,472	504,763	90,322
49,291	14,387	51,795	15,167	54,6	0,721	0,7609	0,5883	0,5885	17,008	488,856	82,091
49,306	14,391	51,809	15,171	54,615	0,721	0,7615	0,5888	0,5889	17,02	488,507	81,932
49,302	14,391	51,806	15,17	54,612	0,721	0,7613	0,5886	0,5888	17,017	488,613	81,977
49,29	14,387	51,795	15,167	54,6	0,721	0,7608	0,5883	0,5884	17,005	488,934	82,122
49,293	14,388	51,797	15,167	54,603	0,721	0,7609	0,5883	0,5885	17,008	488,851	82,082
49,286	14,386	51,79	15,165	54,595	0,721	0,7607	0,5882	0,5883	17,003	489,012	82,154
49,309	14,392	51,813	15,172	54,619	0,722	0,7616	0,5888	0,589	17,022	488,444	81,895
49,276	14,383	51,781	15,163	54,585	0,72	0,7602	0,5878	0,588	16,992	489,311	82,279
49,26	14,379	51,765	15,158	54,569	0,72	0,7596	0,5873	0,5875	16,978	489,712	82,459
49,266	14,381	51,771	15,16	54,574	0,72	0,7598	0,5875	0,5876	16,983	489,586	82,4
49,268	14,381	51,773	15,16	54,577	0,72	0,7598	0,5875	0,5877	16,984	489,54	82,377
49,277	14,384	51,781	15,163	54,586	0,72	0,7601	0,5877	0,5879	16,99	489,363	82,293
49,227	14,37	51,733	15,149	54,535	0,718	0,7582	0,5862	0,5864	16,948	490,622	82,877
48,814	14,259	51,332	15,031	54,111	0,703	0,7423	0,574	0,5742	16,596	501	87,836
48,304	14,105	50,778	14,869	53,528	0,719	0,7586	0,5866	0,5867	16,958	490,381	85,494
48,619	14,206	51,14	14,975	53,909	0,698	0,7362	0,5693	0,5694	16,459	505,164	90,567
49,239	14,373	51,744	15,152	54,547	0,719	0,759	0,5869	0,5871	16,966	490,105	82,733
49,302	14,39	51,806	15,17	54,612	0,721	0,7614	0,5887	0,5889	17,018	488,557	81,958
49,306	14,391	51,809	15,171	54,615	0,721	0,7614	0,5887	0,5889	17,018	488,569	81,949
49,292	14,388	51,796	15,167	54,601	0,721	0,7609	0,5883	0,5885	17,008	488,859	82,089
49,293	14,388	51,796	15,167	54,602	0,721	0,7609	0,5883	0,5885	17,008	488,849	82,084
49,286	14,386	51,79	15,165	54,595	0,721	0,7607	0,5882	0,5883	17,003	488,998	82,151
49,3	14,39	51,804	15,169	54,61	0,721	0,7612	0,5886	0,5888	17,015	488,65	81,992
49,285	14,386	51,789	15,165	54,594	0,721	0,7606	0,5881	0,5883	17,001	489,065	82,172
49,26	14,379	51,765	15,158	54,568	0,72	0,7596	0,5873	0,5875	16,979	489,705	82,458
49,266	14,381	51,771	15,16	54,575	0,72	0,7598	0,5875	0,5877	16,984	489,545	82,385
48,901	14,275	51,39	15,048	54,173	0,722	0,7623	0,5894	0,5896	17,04	487,941	82,852
48,798	14,245	51,283	15,017	54,06	0,723	0,7627	0,5897	0,5899	17,048	487,723	83,078
49,209	14,364	51,711	15,142	54,511	0,721	0,7606	0,5881	0,5883	17,001	489,063	82,381
48,824	14,262	51,342	15,034	54,122	0,704	0,7428	0,5743	0,5745	16,605	500,722	87,694
48,502	14,17	51,011	14,936	53,77	0,704	0,7425	0,5742	0,5743	16,601	500,954	88,807
48,627	14,208	51,149	14,977	53,918	0,698	0,7366	0,5695	0,5697	16,467	504,916	90,419
49,177	14,357	51,684	15,134	54,483	0,717	0,7567	0,5851	0,5852	16,914	491,643	83,307
49,277	14,384	51,781	15,163	54,586	0,72	0,7604	0,5879	0,5881	16,996	489,193	82,209
49,283	14,385	51,787	15,164	54,592	0,721	0,7605	0,5881	0,5882	17	489,099	82,161
49,269	14,382	51,774	15,161	54,578	0,72	0,76	0,5876	0,5878	16,988	489,431	82,312
49,272	14,382	51,777	15,161	54,581	0,72	0,7601	0,5877	0,5879	16,99	489,37	82,284
49,264	14,38	51,769	15,159	54,572	0,72	0,7598	0,5875	0,5877	16,984	489,556	82,368
49,296	14,389	51,8	15,168	54,605	0,721	0,761	0,5884	0,5886	17,01	488,795	82,02
49,26	14,379	51,765	15,158	54,569	0,72	0,7596	0,5873	0,5875	16,979	489,697	82,424
49,24	14,374	51,746	15,152	54,548	0,719	0,7588	0,5867	0,5869	16,961	490,205	82,653
49,246	14,375	51,752	15,154	54,554	0,719	0,759	0,5869	0,587	16,966	490,073	82,59
49,25	14,377	51,756	15,155	54,559	0,719	0,7592	0,587	0,5872	16,969	489,979	82,545
49,256	14,378	51,762	15,157	54,565	0,719	0,7593	0,5871	0,5873	16,973	489,856	82,486
49,269	14,382	51,774	15,161	54,579	0,72	0,7598	0,5875	0,5877	16,983	489,571	82,348
48,844	14,267	51,362	15,04	54,143	0,705	0,7435	0,5749	0,5751	16,622	500,228	87,33