

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.10.2024 06:00	17.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
17.10.2024 06:00	18.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
18.10.2024 06:00	19.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
19.10.2024 06:00	20.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
20.10.2024 06:00	21.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
21.10.2024 06:00	22.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
22.10.2024 06:00	23.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
23.10.2024 06:00	24.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
24.10.2024 06:00	25.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
25.10.2024 06:00	26.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
26.10.2024 06:00	27.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
27.10.2024 06:00	28.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
28.10.2024 06:00	29.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
29.10.2024 06:00	30.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
30.10.2024 06:00	31.10.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
31.10.2024 06:00	01.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2024 12:32
16.10.2024 06:00	17.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
17.10.2024 06:00	18.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
18.10.2024 06:00	19.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
19.10.2024 06:00	20.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
20.10.2024 06:00	21.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
21.10.2024 06:00	22.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
22.10.2024 06:00	23.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
23.10.2024 06:00	24.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
24.10.2024 06:00	25.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
25.10.2024 06:00	26.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
26.10.2024 06:00	27.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
27.10.2024 06:00	28.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
28.10.2024 06:00	29.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
29.10.2024 06:00	30.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
30.10.2024 06:00	31.10.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
31.10.2024 06:00	01.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2024 12:33
16.10.2024 06:00	17.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
17.10.2024 06:00	18.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
18.10.2024 06:00	19.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
19.10.2024 06:00	20.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
20.10.2024 06:00	21.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
21.10.2024 06:00	22.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
22.10.2024 06:00	23.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
23.10.2024 06:00	24.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
24.10.2024 06:00	25.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
25.10.2024 06:00	26.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
26.10.2024 06:00	27.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
27.10.2024 06:00	28.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
28.10.2024 06:00	29.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
29.10.2024 06:00	30.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
30.10.2024 06:00	31.10.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33
31.10.2024 06:00	01.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2024 12:33

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 %)	C9+ (mol %)
0,735	0	92,057	7,190	0,016	0,018	0,001	0	0	0	0	0	-	0	0	0
0,867	0	91,976	7,142	0,014	0,015	0,001	0	0	0	0	0	-	0	0	0
0,870	0	91,967	7,147	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,817	0	91,994	7,173	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,779	0	92,012	7,193	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,740	0	92,036	7,208	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,681	0	92,056	7,247	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,644	0	92,075	7,264	0,015	0,017	0,001	0	0	0	0	0	-	0	0	0
0,631	0	92,065	7,288	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,582	0	92,069	7,334	0,014	0,016	0,001	0	0	0	0	0	-	0	0	0
0,541	0	92,085	7,357	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,483	0	92,095	7,406	0,014	0,016	0,001	0	0	0	0	0	-	0	0	0
0,403	0	92,104	7,476	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,336	0	92,085	7,563	0,015	0,016	0,001	0	0	0	0	0	-	0	0	0
0,236	0	93,055	6,573	0,101	0,136	0,015	0,014	0,002	0,003	0	0,002	-	0	0	0
0,102	0	95,384	4,111	0,294	0,404	0,044	0,047	0,005	0,009	0	0,006	-	0	0	0
0,699	0	92,112	7,171	0,015	0,017	0,001	0,001	0	0	0	-	0	-	-	-
0,839	0	92,041	7,105	0,012	0,014	0,001	0,001	0	0	0	-	0	-	-	-
0,845	0	92,027	7,112	0,013	0,016	0,001	0,001	0	0	0	-	0	-	-	-
0,801	0	92,045	7,138	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,769	0	92,063	7,152	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,732	0	92,084	7,169	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,669	0	92,112	7,204	0,013	0,016	0,001	0,001	0	0	0	-	0	-	-	-
0,636	0	92,129	7,219	0,013	0,016	0,001	0,001	0	0	0	-	0	-	-	-
0,619	0	92,125	7,241	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,575	0	92,128	7,282	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,533	0	92,135	7,317	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,498	0	92,154	7,334	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,402	0	92,148	7,434	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,339	0	92,137	7,509	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,243	0	92,830	6,821	0,075	0,106	0,014	0,011	0,001	0,002	0	-	0,002	-	-	-
0,104	0	95,324	4,163	0,288	0,409	0,054	0,046	0,004	0,008	0,001	-	0,009	-	-	-
0,670	0	92,041	7,270	0,016	0,019	0,001	0,001	0	0	0	-	0	-	-	-
0,831	0	91,973	7,182	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,857	0	91,955	7,172	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,817	0	91,959	7,209	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,782	0	91,965	7,237	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,743	0	91,999	7,243	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,682	0	92,029	7,274	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,646	0	92,052	7,287	0,013	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,627	0	92,051	7,307	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,581	0	92,054	7,350	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,540	0	92,059	7,387	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,514	0	92,059	7,412	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,413	0	92,072	7,500	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,341	0	92,066	7,578	0,012	0,015	0,001	0,001	0	0	0	-	0	-	-	-
0,262	0	92,641	7,011	0,063	0,087	0,011	0,009	0,001	0,002	0	-	0,001	-	-	-
0,110	0	95,214	4,282	0,279	0,395	0,051	0,045	0,004	0,008	0	-	0,007	-	-	-

NCV (kWh/m <sup>3</sup> ) @15/15	NCV (MJ/m <sup>3</sup> ) @15/15	NCV (kWh/m <sup>3</sup> ) @25/0	NCV (MJ/m <sup>3</sup> ) @25/0	GCV (kWh/m <sup>3</sup> ) @15/15	GCV (MJ/m <sup>3</sup> ) @15/15	GCV (kWh/m <sup>3</sup> ) @25/0	GCV (MJ/m <sup>3</sup> ) @25/0	Wd(kWh/m <sup>3</sup> ) @15/15	Wd(MJ/m <sup>3</sup> ) @15/15	Wd(kWh/m <sup>3</sup> ) @25/0	Wd(MJ/m <sup>3</sup> ) @25/0
9,904545	35,694	10,441224	37,667	10,992835	39,570	11,588483	41,719	46,349	48,904	12,875	13,584
9,888226	35,635	10,424020	37,604	10,974723	39,504	11,569390	41,650	46,261	48,811	12,850	13,559
9,888419	35,636	10,424224	37,605	10,974937	39,505	11,569616	41,651	46,261	48,810	12,850	13,558
9,895353	35,661	10,431533	37,632	10,982633	39,533	11,577729	41,680	46,297	48,848	12,860	13,569
9,900352	35,679	10,436803	37,651	10,988182	39,553	11,583578	41,701	46,323	48,876	12,867	13,577
9,905129	35,696	10,441839	37,669	10,993484	39,572	11,589167	41,721	46,349	48,903	12,875	13,584
9,913540	35,727	10,450706	37,702	11,002819	39,605	11,599008	41,756	46,390	48,947	12,886	13,596
9,918279	35,744	10,455702	37,720	11,008079	39,624	11,604553	41,776	46,415	48,973	12,893	13,604
9,921201	35,755	10,458783	37,731	11,011322	39,636	11,607972	41,789	46,427	48,986	12,896	13,607
9,929067	35,784	10,467075	37,761	11,020053	39,667	11,617175	41,822	46,464	49,024	12,907	13,618
9,934616	35,804	10,472924	37,783	11,026211	39,690	11,623667	41,845	46,492	49,054	12,914	13,626
9,943566	35,837	10,482359	37,817	11,036144	39,725	11,634139	41,883	46,534	49,099	12,926	13,639
9,956286	35,883	10,495769	37,866	11,050262	39,776	11,649022	41,936	46,594	49,162	12,943	13,656
9,968932	35,929	10,509100	37,915	11,064298	39,827	11,663818	41,990	46,648	49,219	12,958	13,672
9,972732	35,773	10,465240	37,750	11,018120	39,661	11,615139	41,814	46,598	49,166	12,944	13,657
9,808169	35,327	10,339626	37,279	10,885870	39,185	11,475722	41,313	46,393	48,949	12,887	13,597
9,906683	35,702	10,443478	37,675	10,995209	39,578	11,590986	41,728	46,368	48,924	12,880	13,590
9,888196	35,634	10,423990	37,604	10,974691	39,504	11,569356	41,650	46,272	48,823	12,853	13,562
9,888337	35,635	10,424137	37,605	10,974846	39,505	11,569520	41,650	46,270	48,821	12,853	13,561
9,894293	35,656	10,430416	37,627	10,981457	39,528	11,576489	41,675	46,300	48,853	12,861	13,570
9,898368	35,671	10,434712	37,643	10,985980	39,545	11,581257	41,693	46,322	48,875	12,867	13,576
9,903094	35,688	10,439695	37,661	10,991226	39,564	11,586787	41,712	46,347	48,902	12,874	13,584
9,911586	35,719	10,448646	37,694	11,000650	39,598	11,596722	41,748	46,390	48,948	12,886	13,597
9,915768	35,734	10,453055	37,710	11,005291	39,614	11,601614	41,766	46,413	48,971	12,892	13,603
9,918972	35,746	10,456433	37,722	11,008848	39,627	11,605363	41,779	46,427	48,986	12,896	13,607
9,925978	35,772	10,463818	37,749	11,016624	39,655	11,613561	41,809	46,459	49,020	12,905	13,617
9,932498	35,795	10,470691	37,774	11,023860	39,681	11,621189	41,836	46,490	49,053	12,914	13,626
9,937029	35,812	10,475468	37,792	11,028889	39,699	11,626491	41,855	46,514	49,078	12,921	13,633
9,953302	35,871	10,492622	37,854	11,046950	39,764	11,645530	41,924	46,587	49,156	12,941	13,654
9,964678	35,913	10,504616	37,898	11,059576	39,809	11,658841	41,972	46,637	49,208	12,955	13,669
9,939927	35,820	10,478523	37,801	11,032105	39,711	11,629881	41,868	46,622	49,193	12,951	13,665
9,814113	35,349	10,345892	37,303	10,892467	39,209	11,482677	41,338	46,404	48,962	12,890	13,601
9,916751	35,738	10,454092	37,714	11,006383	39,618	11,602765	41,770	46,401	48,959	12,889	13,600
9,894587	35,658	10,430726	37,629	10,981783	39,530	11,576833	41,677	46,289	48,841	12,858	13,567
9,891407	35,646	10,427374	37,617	10,978254	39,517	11,573112	41,663	46,272	48,822	12,853	13,562
9,897819	35,670	10,434133	37,641	10,985370	39,543	11,580614	41,690	46,302	48,854	12,862	13,571
9,903226	35,689	10,439834	37,662	10,991372	39,564	11,586941	41,713	46,327	48,881	12,869	13,578
9,907359	35,704	10,444190	37,678	10,995959	39,581	11,591776	41,730	46,352	48,907	12,876	13,585
9,915332	35,733	10,452595	37,709	11,004808	39,612	11,601105	41,764	46,394	48,951	12,887	13,597
9,919725	35,749	10,457227	37,725	11,009684	39,630	11,606245	41,782	46,418	48,976	12,894	13,605
9,922925	35,761	10,460600	37,738	11,013236	39,643	11,609989	41,796	46,432	48,992	12,898	13,609
9,930193	35,787	10,468261	37,766	11,021302	39,672	11,618492	41,827	46,466	49,027	12,907	13,619
9,936874	35,812	10,475305	37,792	11,028717	39,699	11,626309	41,855	46,497	49,060	12,916	13,628
9,941140	35,827	10,479802	37,808	11,033452	39,716	11,631301	41,873	46,517	49,081	12,921	13,634
9,956983	35,885	10,496504	37,869	11,051036	39,779	11,649838	41,939	46,591	49,159	12,942	13,655
9,969398	35,931	10,509591	37,917	11,064815	39,828	11,664363	41,992	46,647	49,218	12,957	13,672
9,948433	35,851	10,487490	37,833	11,041546	39,745	11,639834	41,903	46,633	49,204	12,954	13,668
9,819182	35,368	10,351235	37,323	10,898093	39,229	11,488608	41,359	46,413	48,971	12,892	13,603

Wg(kWh/m <sup>3</sup> ) @15/15	Wg(Mj/m <sup>3</sup> ) @15/15	Wg(kWh/m <sup>3</sup> ) @25/0	Wg(Mj/m <sup>3</sup> ) @25/0	ρ (kg/m <sup>3</sup> ) @15	ρ (kg/m <sup>3</sup> ) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
14,273	51,381	15,046	54,164	0,727	0,7670	0,5931	0,5932	17,145	484,959	83,249
14,246	51,285	15,017	54,062	0,727	0,7674	0,5934	0,5935	17,153	484,726	83,119
14,245	51,284	15,017	54,061	0,727	0,7674	0,5934	0,5936	17,154	484,688	83,104
14,257	51,323	15,029	54,103	0,727	0,7673	0,5933	0,5935	17,152	484,763	83,148
14,264	51,352	15,037	54,133	0,727	0,7673	0,5933	0,5934	17,150	484,812	83,178
14,272	51,381	15,045	54,163	0,727	0,7671	0,5932	0,5933	17,147	484,887	83,218
14,285	51,426	15,059	54,211	0,727	0,7671	0,5931	0,5933	17,146	484,930	83,251
14,293	51,454	15,067	54,240	0,727	0,7670	0,5931	0,5932	17,144	484,983	83,282
14,296	51,466	15,070	54,254	0,727	0,7671	0,5931	0,5933	17,145	484,938	83,267
14,307	51,507	15,082	54,296	0,727	0,7671	0,5931	0,5933	17,146	484,926	83,275
14,316	51,537	15,091	54,329	0,727	0,7670	0,5931	0,5932	17,144	484,968	83,303
14,329	51,584	15,105	54,378	0,727	0,7670	0,5931	0,5932	17,144	484,974	83,321
14,347	51,649	15,124	54,447	0,727	0,7670	0,5931	0,5933	17,145	484,963	83,338
14,363	51,708	15,141	54,509	0,727	0,7672	0,5932	0,5934	17,149	484,846	83,311
14,351	51,662	15,128	54,460	0,722	0,7622	0,5894	0,5895	17,037	488,042	81,538
14,294	51,459	15,068	54,245	0,711	0,7499	0,5799	0,5800	16,764	495,971	85,220
14,279	51,403	15,052	54,187	0,726	0,7667	0,5928	0,5930	17,138	485,154	83,334
14,249	51,297	15,021	54,075	0,727	0,7670	0,5931	0,5932	17,145	484,963	83,219
14,249	51,295	15,020	54,073	0,727	0,7671	0,5931	0,5933	17,147	484,909	83,197
14,258	51,328	15,030	54,108	0,727	0,7670	0,5931	0,5932	17,145	484,955	83,227
14,264	51,352	15,037	54,133	0,727	0,7669	0,5930	0,5932	17,143	485,021	83,255
14,272	51,380	15,045	54,162	0,727	0,7669	0,5929	0,5931	17,141	485,068	83,290
14,285	51,427	15,059	54,213	0,726	0,7667	0,5929	0,5930	17,138	485,141	83,336
14,292	51,452	15,066	54,238	0,726	0,7667	0,5928	0,5930	17,137	485,192	83,364
14,296	51,467	15,071	54,255	0,726	0,7667	0,5928	0,5930	17,137	485,166	83,359
14,306	51,503	15,081	54,292	0,726	0,7667	0,5928	0,5930	17,138	485,154	83,365
14,316	51,537	15,091	54,328	0,726	0,7667	0,5928	0,5930	17,138	485,159	83,379
14,323	51,563	15,099	54,356	0,726	0,7666	0,5928	0,5929	17,136	485,212	83,409
14,345	51,643	15,122	54,440	0,727	0,7668	0,5929	0,5930	17,139	485,134	83,400
14,360	51,697	15,138	54,497	0,727	0,7669	0,5930	0,5931	17,142	485,051	83,389
14,358	51,687	15,135	54,487	0,723	0,7634	0,5903	0,5905	17,064	487,271	83,026
14,298	51,471	15,072	54,258	0,711	0,7505	0,5803	0,5804	16,776	495,607	85,151
14,289	51,439	15,062	54,225	0,727	0,7672	0,5932	0,5934	17,148	484,859	83,216
14,254	51,315	15,026	54,095	0,727	0,7675	0,5934	0,5936	17,154	484,701	83,112
14,249	51,296	15,021	54,074	0,727	0,7675	0,5935	0,5936	17,156	484,630	83,084
14,258	51,329	15,030	54,109	0,727	0,7676	0,5935	0,5937	17,157	484,623	83,092
14,266	51,357	15,038	54,138	0,727	0,7675	0,5935	0,5937	17,157	484,627	83,103
14,273	51,384	15,046	54,167	0,727	0,7674	0,5933	0,5935	17,153	484,739	83,158
14,286	51,430	15,060	54,215	0,727	0,7672	0,5932	0,5934	17,150	484,820	83,206
14,293	51,456	15,068	54,243	0,727	0,7671	0,5932	0,5933	17,147	484,892	83,244
14,298	51,472	15,072	54,260	0,727	0,7672	0,5932	0,5933	17,148	484,880	83,244
14,308	51,509	15,083	54,299	0,727	0,7672	0,5932	0,5934	17,148	484,867	83,251
14,318	51,543	15,093	54,335	0,727	0,7672	0,5932	0,5934	17,148	484,859	83,259
14,324	51,565	15,099	54,358	0,727	0,7672	0,5932	0,5934	17,149	484,847	83,262
14,346	51,646	15,123	54,443	0,727	0,7672	0,5932	0,5934	17,149	484,837	83,281
14,363	51,707	15,141	54,508	0,727	0,7673	0,5933	0,5935	17,151	484,773	83,280
14,360	51,697	15,138	54,497	0,724	0,7644	0,5911	0,5912	17,086	486,632	82,971
14,300	51,479	15,074	54,267	0,712	0,7510	0,5807	0,5809	16,788	495,261	84,992