

Dispersion Report

Workspace: 72341-1RiempimFSRU

Study: Riempimento FSRU-ME4

Equipment Item: 2R Compressore BOG HD

72341-1RiempimFSRU\Riempimento FSRU-ME4\2R Compressore BOG HD

Material	GAS NATURALE	
East	0	m
North	0	m

Scenario (Leak) : 25mm

72341-1RiempimFSRU\Riempimento FSRU-ME4\2R Compressore BOG HD\25mm

Material to track	GAS NATURALE
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Weather: Category 2/F

Wind speed [m/s]	2
Pasquill stability	F stable - night with moderate clouds and light/moderate wind
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5
Mixing layer height [m]	100

Observer Release Data and Observer Mass Data

Observer number	Release type	Start time [s]	Start downwind distance [m]	Unit	Masses or mass rates		
					Release	Rainout	Final
1	Continuous	0	0	kg/s	0,147362	0	0,147362
2	Continuous	1088,71	0	kg/s	0,147362	0	0,147362

Time-varying Observer Dispersion Data (before along-wind-diffusion effects)

Dispersion data correspond to an averaging time of: 18,75 s

Observer number	Time [s]	Down wind distance [m]	C/Line height [m]	C/Line conc [ppm]	Effective width [m]	Effective depth [m]	C/Line vapour temperature [degC]	C/Line liquid fraction	Centroid velocity [m/s]	C/Line cloud density [kg/m ³]
1	0	0	12,5	999.99 9,41	0,0180 3	0,0090 107	-133,705	0	300	1,5117 5
1	0,01	0,76150 6	12,5	214.36 6,00	0,1446 72	0,0724 093	3,68548	0	43,630 5	1,1597 7
1	0,02	1,12563	12,5	154.63 8,38	0,2034 8	0,1018 38	9,89291	0	31,321 5	1,1624 2
1	0,03	1,40841	12,5	126.99 5,14	0,2484 49	0,1243 38	12,4177	0	25,838 9	1,1648
1	0,04	1,64887	12,5	110.15 2,85	0,2863 07	0,1432 79	13,8616	0	22,562 1	1,1665 5
1	0,05	1,86252	12,5	98.482, 45	0,3196 89	0,1599 8	14,8233	0	20,319 1	1,1678 8
1	0,06	2,05717	12,5	89.768, 79	0,3499 19	0,1751 03	15,5216	0	18,658 8	1,1689 4
1	0,07	2,23697	12,50 01	82.952, 12	0,3777 03	0,1890 02	16,0566	0	17,368 5	1,1697 9
1	0,08	2,40505	12,50 01	77.425, 96	0,4035 67	0,2019 39	16,4833	0	16,327 9	1,1705 1
1	0,09	2,56321	12,50 01	72.835, 54	0,4278 17	0,2140 69	16,833	0	15,467 2	1,1711 2
1	0,1	2,71328	12,50 01	68.937, 08	0,4507 54	0,2255 42	17,1267	0	14,738 8	1,1716 5
1	0,11	2,85686	12,50 01	65.563, 09	0,4726 33	0,2364 86	17,3785	0	14,110 4	1,1721 1
1	0,12	2,99463	12,50 01	62.608, 34	0,4935 72	0,2469 58	17,5971	0	13,561 5	1,1725 2
1	0,13	3,12743	12,50 01	59.989, 92	0,5137 05	0,2570 28	17,7896	0	13,076 2	1,1728 9

1	0,14	3,25567	12,50	57.650,	0,5331	0,2667	17,9604	0	12,643	1,1732
			01	37	06	31			5	2
1	0,15	3,37995	12,50	55.541,	0,5518	0,2761	18,1135	0	12,254	1,1735
			01	72	67	13			2	2
1	0,16	3,50058	12,50	53.628,	0,5700	0,2852	18,2516	0	11,901	1,1738
			01	84	44	04			7	
1	0,17	3,61787	12,50	51.883,	0,5876	0,2940	18,3771	0	11,580	1,1740
			01	36	91	29			5	5
1	0,18	3,73215	12,50	50.281,	0,6048	0,3026	18,4918	0	11,286	1,1742
			01	79	56	13			2	8
1	0,19	3,8436	12,50	48.805,	0,6215	0,3109	18,597	0	11,015	1,1745
			01	89	74	73			3	
1	0,2	3,95241	12,50	47.440,	0,6378	0,3191	18,6941	0	10,765	1,1747
			01	23	76	25				
1	0,212	4,0798	12,50	45.928,	0,6569	0,3286	18,8011	0	10,488	1,1749
			01	33	38	57			2	3
1	0,226	4,2285	12,5	44.272,	0,6791	0,3397	18,9179	0	10,185	1,1751
	4			02	57	67			3	7
1	0,243	4,40155	12,5	42.477,	0,7049	0,3526	19,0439	0	9,8576	1,1754
	68			21	76	78			1	4
1	0,264	4,60233	12,49	40.554,	0,7348	0,3676	19,1783	0	9,5071	1,1757
	416		99	71	81	31			3	3
1	0,289	4,83454	12,49	38.519,	0,7694	0,3848	19,3198	0	9,1367	1,1760
	299		98	67	09	95			4	4
1	0,319	5,10198	12,49	36.393,	0,8091	0,4047	19,4669	0	8,7503	1,1763
	159		96	14	12	45			6	7
1	0,354	5,40874	12,49	34.199,	0,8545	0,4274	19,6179	0	8,3524	1,1767
	991		94	26	9	82			5	
1	0,397	5,75971	12,49	31.961,	0,9065	0,4534	19,771	0	7,9472	1,1770
	989		9	32	58	62			8	5
1	0,449	6,15949	12,49	29.706,	0,9657	0,4830	19,9245	0	7,5398	1,1774
	587		85	99	2	38			9	
1	0,511	6,61361	12,49	27.460,	1,0329	0,5166	20,0765	0	7,1346	1,1777
	504		77	40	3	32			3	5
1	0,585	7,12845	12,49	25.242,	1,1096	0,5549	20,4913	0	6,7353	1,1771
	805		66	75	3	74				6
1	0,637	7,47302	12,49	23.921,	1,1610	0,5806	20,7401	0	6,4976	1,1768
	854		56	22	4	68			6	

1	0,674 966	7,71033	12,49 49	23.074, 46	1,1965 8	0,5984 29	20,8997	0	6,3455 1	1,1765 7
1	0,781 959	8,35765	12,49 24	20.984, 38	1,2944 7	0,6473 57	21,2937	0	5,9703 7	1,176
1	0,910 351	9,08855	12,48 91	18.969, 86	1,4055 5	0,7028 7	21,6739	0	5,6093 1	1,1754 6
1	1,064 42	9,91428	12,48 46	17.042, 72	1,5317	0,7659 07	22,038	0	5,2643 6	1,1749 3
1	1,249 31	10,8554	12,47 87	15.209, 60	1,6753 7	0,8376 98	22,3846	0	4,9366 1	1,1744 4
1	1,471 17	11,9197	12,47 1	13.482, 41	1,8388 9	0,9194 01	22,7115	0	4,6280 5	1,1739 7
1	1,737 4	13,1189	12,46 1	11.868, 07	2,0251 3	1,0124 5	23,0172	0	4,3397 9	1,1735 3
1	2,056 88	14,4669	12,44 82	10.370, 96	2,2374 9	1,1185 4	23,301	0	4,0724 9	1,1731 3
1	2,440 26	15,9832	12,43 18	8.991,0 1	2,4804 6	1,2399 2	23,5626	0	3,8259 8	1,1727 5
1	2,900 31	17,688	12,41 11	7.728,0 7	2,7593 4	1,3792 3	23,8023	0	3,6000 9	1,1724 1
1	3,274 83	19,0044	12,39 37	6.914,9 1	2,9788	1,4888 6	23,9566	0	3,4543 9	1,1722
2	1088, 71	0	12,5	999.99 9,41	0,0180 3	0,0090 107	-133,705	0	300	1,5117 5
2	1088, 72	0,76150 6	12,5	214.36 6,00	0,1446 72	0,0724 093	3,68548	0	43,630 5	1,1597 7
2	1088, 73	1,12563	12,5	154.63 8,38	0,2034 8	0,1018 38	9,89291	0	31,321 5	1,1624 2
2	1088, 74	1,40841	12,5	126.99 5,14	0,2484 49	0,1243 38	12,4177	0	25,838 9	1,1648
2	1088, 75	1,64887	12,5	110.15 2,85	0,2863 07	0,1432 79	13,8616	0	22,562 1	1,1665 5
2	1088, 76	1,86252	12,5	98.482, 45	0,3196 89	0,1599 8	14,8233	0	20,319 1	1,1678 8
2	1088, 77	2,05717	12,5	89.768, 79	0,3499 19	0,1751 03	15,5216	0	18,658 8	1,1689 4
2	1088, 78	2,23697	12,50	82.952, 79	0,3777	0,1890	16,0566	0	17,368	1,1697

	78		01	12	03	02		5	9	
2	1088,79	2,40505	12,5001	77.425,96	0,403567	0,201939	16,4833	0	16,3279	1,17051
2	1088,8	2,56321	12,5001	72.835,54	0,427817	0,214069	16,833	0	15,4672	1,17112
2	1088,81	2,71328	12,5001	68.937,08	0,450754	0,225542	17,1267	0	14,7388	1,17165
2	1088,82	2,85686	12,5001	65.563,09	0,472633	0,236486	17,3785	0	14,1104	1,17211
2	1088,83	2,99463	12,5001	62.608,34	0,493572	0,246958	17,5971	0	13,5615	1,17252
2	1088,84	3,12743	12,5001	59.989,92	0,513705	0,257028	17,7896	0	13,0762	1,17289
2	1088,85	3,25567	12,5001	57.650,37	0,533106	0,266731	17,9604	0	12,6435	1,17322
2	1088,86	3,37995	12,5001	55.541,72	0,551867	0,276113	18,1135	0	12,2542	1,17352
2	1088,87	3,50058	12,5001	53.628,84	0,570044	0,285204	18,2516	0	11,9017	1,17387
2	1088,88	3,61787	12,5001	51.883,36	0,587691	0,294029	18,3771	0	11,5805	1,17405
2	1088,89	3,73215	12,5001	50.281,79	0,604856	0,302613	18,4918	0	11,2862	1,17428
2	1088,9	3,8436	12,5001	48.805,89	0,621574	0,310973	18,597	0	11,0153	1,17453
2	1088,91	3,95241	12,5001	47.440,23	0,637876	0,319125	18,6941	0	10,765	1,1747
2	1088,92	4,0798	12,5001	45.928,33	0,656938	0,328657	18,8011	0	10,4882	1,17493
2	1088,94	4,2285	12,5	44.272,02	0,679157	0,339767	18,9179	0	10,1853	1,17517
2	1088,95	4,40155	12,5	42.477,21	0,704976	0,352678	19,0439	0	9,85761	1,17544
2	1088,97	4,60233	12,4999	40.554,71	0,734881	0,367631	19,1783	0	9,50713	1,17573
2	1089	4,83454	12,4998	38.519,67	0,769409	0,384895	19,3198	0	9,13674	1,17604
2	1089,	5,10198	12,49	36.393,	0,8091	0,4047	19,4669	0	8,7503	1,1763

	03		96	14	12	45			6	7
2	1089, 07	5,40874	12,49 94	34.199, 26	0,8545 9	0,4274 82	19,6179	0	8,3524 5	1,1767
2	1089, 11	5,75971	12,49 9	31.961, 32	0,9065 58	0,4534 62	19,771	0	7,9472 8	1,1770 5
2	1089, 16	6,15949	12,49 85	29.706, 99	0,9657 2	0,4830 38	19,9245	0	7,5398 9	1,1774
2	1089, 22	6,61361	12,49 77	27.460, 40	1,0329 3	0,5166 32	20,0765	0	7,1346 3	1,1777 5
2	1089, 3	7,12845	12,49 66	25.242, 75	1,1096 3	0,5549 74	20,4913	0	6,7353	1,1771 6
2	1089, 35	7,47302	12,49 56	23.921, 22	1,1610 4	0,5806 68	20,7401	0	6,4976 6	1,1768
2	1089, 39	7,71033	12,49 49	23.074, 46	1,1965 8	0,5984 29	20,8997	0	6,3455 1	1,1765 7
2	1089, 49	8,35765	12,49 24	20.984, 38	1,2944 7	0,6473 57	21,2937	0	5,9703 7	1,176
2	1089, 62	9,08855	12,48 91	18.969, 86	1,4055 5	0,7028 7	21,6739	0	5,6093 1	1,1754 6
2	1089, 77	9,91428	12,48 46	17.042, 72	1,5317	0,7659 07	22,038	0	5,2643 6	1,1749 3
2	1089, 96	10,8554	12,47 87	15.209, 60	1,6753 7	0,8376 98	22,3846	0	4,9366 1	1,1744 4
2	1090, 18	11,9197	12,47 1	13.482, 41	1,8388 9	0,9194 01	22,7115	0	4,6280 5	1,1739 7
2	1090, 45	13,1189	12,46 1	11.868, 07	2,0251 3	1,0124 5	23,0172	0	4,3397 9	1,1735 3
2	1090, 77	14,4669	12,44 82	10.370, 96	2,2374 9	1,1185 4	23,301	0	4,0724 9	1,1731 3
2	1091, 15	15,9832	12,43 18	8.991,0 1	2,4804 6	1,2399 2	23,5626	0	3,8259 8	1,1727 5
2	1091, 61	17,688	12,41 11	7.728,0 7	2,7593 4	1,3792 3	23,8023	0	3,6000 9	1,1724 1
2	1091, 99	19,0044	12,39 37	6.914,9 1	2,9788	1,4888 6	23,9566	0	3,4543 9	1,1722

Weather: Category 5/D

Wind speed [m/s]	5
Pasquill stability	D neutral - little sun and high wind or overcast/windy night
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5
Mixing layer height [m]	800

Observer Release Data and Observer Mass Data

Observer number	Release type	Start time [s]	Start downwind distance [m]	Unit	Masses or mass rates		
					Release	Rainout	Final
1	Continuous	0	0	kg/s	0,147362	0	0,147362
2	Continuous	1088,71	0	kg/s	0,147362	0	0,147362

Time-varying Observer Dispersion Data (before along-wind-diffusion effects)

Dispersion data correspond to an averaging time of: 18,75 s

Observer number	Time [s]	Down wind distance [m]	C/Line height [m]	C/Line conc [ppm]	Effective width [m]	Effective depth [m]	C/Line vapour temperature [degC]	C/Line liquid fraction	Centroid velocity [m/s]	C/Line cloud density [kg/m3]
1	0	0	12,5	999.99 9,41	0,0180 396	0,00900 589	-133,705	0	300	1,5117 5
1	0,01	0,78019 9	12,5	211.55 3,24	0,1424 78	0,07123 92	3,47686	0	45,602 1	1,1621 2
1	0,02	1,16417	12,5	151.03 7,77	0,1997 73	0,09988 64	9,76348	0	33,292 4	1,1647 8
1	0,03	1,46663	12,5	123.00	0,2434	0,12172	12,3197	0	27,806	1,1672

				2,16	47	3			8	
1	0,04	1,72688	12,5	105.89 6,92	0,2801 92	0,14009 6	13,7827	0	24,524 4	1,1689 8
1	0,05	1,9603	12,5	94.037, 65	0,3125 83	0,15629 2	14,7571	0	22,276 6	1,1703 4
1	0,06	2,17435	12,5	85.193, 28	0,3418 71	0,17093 5	15,4636	0	20,615	1,1714 1
1	0,07	2,37354	12,5 001	78.269, 91	0,3688 04	0,18440 2	16,0052	0	19,322 9	1,1722 8
1	0,08	2,56063	12,5 001	72.664, 27	0,3938 5	0,19692 5	16,4364	0	18,282 3	1,1730 1
1	0,09	2,73814	12,5 001	67.996, 57	0,4174 04	0,20870 2	16,7906	0	17,419 5	1,1736 4
1	0,1	2,90808	12,5 001	64.021, 23	0,4397 69	0,21988 4	17,0889	0	16,687 4	1,1741 8
1	0,11	3,0713	12,5 001	60.586, 14	0,4610 95	0,23054 8	17,3442	0	16,056 7	1,1746 5
1	0,12	3,2287	12,5 001	57.578, 73	0,4815 26	0,24076 3	17,5659	0	15,506	1,1750 7
1	0,13	3,38108	12,5 001	54.915, 31	0,5011 86	0,25059 3	17,7607	0	15,019 5	1,1754 5
1	0,14	3,52894	12,5 001	52.535, 60	0,5201 58	0,26007 9	17,9337	0	14,585 7	1,1757 9
1	0,15	3,67272	12,5 001	50.392, 86	0,5385 15	0,26925 8	18,0886	0	14,195 9	1,1760 9
1	0,16	3,81285	12,5 001	48.449, 64	0,5563 25	0,27816 3	18,2283	0	13,842 9	1,1763 7
1	0,17	3,94969	12,5 001	46.676, 68	0,5736 4	0,28682	18,3552	0	13,521 4	1,1766 3
1	0,18	4,08353	12,5	45.050, 29	0,5905 08	0,29525 4	18,4711	0	13,226 9	1,1768 7
1	0,19	4,21459	12,5	43.551, 59	0,6069 65	0,30348 3	18,5775	0	12,955 8	1,1770 9
1	0,2	4,34303	12,5	42.165, 08	0,6230 39	0,31152	18,6756	0	12,705 4	1,1773
1	0,212	4,49388	12,5	40.631, 66	0,6418 54	0,32092 8	18,7836	0	12,428 7	1,1775 3
1	0,226	4,6705	12,4	38.954,	0,6638	0,33190	18,9013	0	12,126	1,1777

	4		999	22	08	4			5	8
1	0,243 68	4,87677	12,4 999	37.139, 83	0,6893 48	0,34467 4	19,0281	0	11,8	1,1780 5
1	0,264 416	5,11707	12,4 998	35.200, 19	0,7189 77	0,35948 9	19,163	0	11,451 6	1,1783 4
1	0,289 299	5,39659	12,4 996	33.150, 11	0,7532 83	0,37664 2	19,3049	0	11,083 9	1,1786 6
1	0,319 159	5,72083	12,4 994	31.010, 75	0,7928 91	0,39644 6	19,4522	0	10,700 9	1,1789 9
1	0,354 991	6,09621	12,4 992	28.805, 59	0,8385 22	0,41926 2	19,6032	0	10,306 7	1,1793 3
1	0,397 989	6,52993	12,4 988	26.560, 59	0,8911 39	0,44557 1	19,8596	0	9,9062 4	1,1793 1
1	0,449 587	7,03017	12,4 982	24.302, 41	0,9518 17	0,47590 9	20,2836	0	9,5041 2	1,1786 9
1	0,459 283	7,12195	12,4 981	23.921, 22	0,9629 29	0,48146 5	20,3552	0	9,4363 2	1,1785 9
1	0,511 504	7,60594	12,4 973	22.058, 90	1,0214 3	0,51071 4	20,7052	0	9,1053 4	1,1780 9
1	0,585 805	8,26867	12,4 962	19.854, 96	1,1013	0,55064 9	21,12	0	8,7142 8	1,1774 9
1	0,674 966	9,03095	12,4 947	17.714, 95	1,1929 6	0,59647 8	21,5231	0	8,3352 1	1,1769 1
1	0,781 959	9,90591	12,4 927	15.662, 18	1,2981 5	0,64907 5	21,9103	0	7,9721 8	1,1763 5
1	0,910 351	10,9097	12,4 901	13.714, 95	1,4190 5	0,70952 7	22,2779	0	7,6283 2	1,1758 3
1	0,931 517	11,0712	12,4 896	13.435, 35	1,4385 3	0,71926 6	22,3307	0	7,5789 8	1,1757 5
2	1088, 71	0	12,5	999.99 9,41	0,0180 396	0,00900 589	-133,705	0	300	1,5117 5
2	1088, 72	0,78019 9	12,5	211.55 3,24	0,1424 78	0,07123 92	3,47686	0	45,602 1	1,1621 2
2	1088, 73	1,16417	12,5	151.03 7,77	0,1997 73	0,09988 64	9,76348	0	33,292 4	1,1647 8
2	1088, 74	1,46663	12,5	123.00 2,16	0,2434 47	0,12172 3	12,3197	0	27,806 8	1,1672

2	1088, 75	1,72688	12,5	105.89 6,92	0,2801 92	0,14009 6	13,7827	0	24,524 4	1,1689 8
2	1088, 76	1,9603	12,5	94.037, 65	0,3125 83	0,15629 2	14,7571	0	22,276 6	1,1703 4
2	1088, 77	2,17435	12,5	85.193, 28	0,3418 71	0,17093 5	15,4636	0	20,615	1,1714 1
2	1088, 78	2,37354	12,5 001	78.269, 91	0,3688 04	0,18440 2	16,0052	0	19,322 9	1,1722 8
2	1088, 79	2,56063	12,5 001	72.664, 27	0,3938 5	0,19692 5	16,4364	0	18,282 3	1,1730 1
2	1088, 8	2,73814	12,5 001	67.996, 57	0,4174 04	0,20870 2	16,7906	0	17,419 5	1,1736 4
2	1088, 81	2,90808	12,5 001	64.021, 23	0,4397 69	0,21988 4	17,0889	0	16,687 4	1,1741 8
2	1088, 82	3,0713	12,5 001	60.586, 14	0,4610 95	0,23054 8	17,3442	0	16,056 7	1,1746 5
2	1088, 83	3,2287	12,5 001	57.578, 73	0,4815 26	0,24076 3	17,5659	0	15,506	1,1750 7
2	1088, 84	3,38108	12,5 001	54.915, 31	0,5011 86	0,25059 3	17,7607	0	15,019 5	1,1754 5
2	1088, 85	3,52894	12,5 001	52.535, 60	0,5201 58	0,26007 9	17,9337	0	14,585 7	1,1757 9
2	1088, 86	3,67272	12,5 001	50.392, 86	0,5385 15	0,26925 8	18,0886	0	14,195 9	1,1760 9
2	1088, 87	3,81285	12,5 001	48.449, 64	0,5563 25	0,27816 3	18,2283	0	13,842 9	1,1763 7
2	1088, 88	3,94969	12,5 001	46.676, 68	0,5736 4	0,28682	18,3552	0	13,521 4	1,1766 3
2	1088, 89	4,08353	12,5	45.050, 29	0,5905 08	0,29525 4	18,4711	0	13,226 9	1,1768 7
2	1088, 9	4,21459	12,5	43.551, 59	0,6069 65	0,30348 3	18,5775	0	12,955 8	1,1770 9
2	1088, 91	4,34303	12,5	42.165, 08	0,6230 39	0,31152	18,6756	0	12,705 4	1,1773
2	1088, 92	4,49388	12,5	40.631, 66	0,6418 54	0,32092 8	18,7836	0	12,428 7	1,1775 3
2	1088, 94	4,6705	12,4 999	38.954, 22	0,6638 08	0,33190 4	18,9013	0	12,126 5	1,1777 8

2	1088,95	4,87677	12,4999	37.139,83	0,689348	0,344674	19,0281	0	11,8	1,17805
2	1088,97	5,11707	12,4998	35.200,19	0,718977	0,359489	19,163	0	11,4516	1,17834
2	1089	5,39659	12,4996	33.150,11	0,753283	0,376642	19,3049	0	11,0839	1,17866
2	1089,03	5,72083	12,4994	31.010,75	0,792891	0,396446	19,4522	0	10,7009	1,17899
2	1089,07	6,09621	12,4992	28.805,59	0,838522	0,419262	19,6032	0	10,3067	1,17933
2	1089,11	6,52993	12,4988	26.560,59	0,891139	0,445571	19,8596	0	9,90624	1,17931
2	1089,16	7,03017	12,4982	24.302,41	0,951817	0,475909	20,2836	0	9,50412	1,17869
2	1089,17	7,12195	12,4981	23.921,22	0,962929	0,481465	20,3552	0	9,43632	1,17859
2	1089,22	7,60594	12,4973	22.058,90	1,02143	0,510714	20,7052	0	9,10534	1,17809
2	1089,3	8,26867	12,4962	19.854,96	1,1013	0,550649	21,12	0	8,71428	1,17749
2	1089,39	9,03095	12,4947	17.714,95	1,19296	0,596478	21,5231	0	8,33521	1,17691
2	1089,49	9,90591	12,4927	15.662,18	1,29815	0,649075	21,9103	0	7,97218	1,17635
2	1089,62	10,9097	12,4901	13.714,95	1,41905	0,709527	22,2779	0	7,62832	1,17583
2	1089,64	11,0712	12,4896	13.435,35	1,43853	0,719266	22,3307	0	7,57898	1,17575

