

Column1	Road Speed (Km/h)	Idle Speed Error (rpm)	Battery (V)	Air Flow (gr/hr)	Ambient Pressure (Kpa)	Manifold Turbo Pressure (Kpa)	Air Inlet Temp. (°C)	Coolant Temp. (°C)	Fuel Temp. (°C)	EGR Inlet (%)	EGR Modulator (%)	Wastegate Modulator(%)	Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5
NANOCOM - TDSENG.APP - TD5 ENGINE input file																	
Engine Speed (rpm)	Road Speed (Km/h)	Idle Speed Error (rpm)	Battery (V)	Air Flow (gr/hr)	Ambient Pressure (Kpa)	Manifold Turbo Pressure (Kpa)	Air Inlet Temp. (°C)	Coolant Temp. (°C)	Fuel Temp. (°C)	EGR Inlet (%)	EGR Modulator (%)	Wastegate Modulator(%)	Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5
750	0	14	14.42	63.2	100.12	103.25	18.7	79.5	41.7	0.00	0.00	0.00	12	14	-14	1	-15
795	0	-19	14.48	66.5	100.12	103.54	18.7	79.8	41.7	0.00	0.00	0.00	12	14	-12	2	-14
1088	0	453	14.45	109.5	100.00	105.30	18.7	79.8	41.7	0.00	0.00	0.00	35	2	-26	-2	-18
1472	0	750	14.35	159.6	100.00	115.41	18.7	79.8	41.7	0.00	0.00	0.00	21	15	-14	-15	-7
1697	8	939	14.48	204.8	99.87	126.51	18.8	79.5	41.7	0.00	0.00	0.00	20	17	-12	-18	-7
1722	12	1007	14.22	224.3	99.47	132.92	19.0	79.5	41.7	0.00	0.00	0.00	20	16	-10	-17	-7
2176	17	1500	14.38	367.5	98.94	169.88	19.0	79.5	41.7	0.00	0.00	34.43	35	17	3	-38	-17
2380	23	1653	14.51	398.7	98.29	181.41	19.2	79.5	42.5	0.00	0.00	40.00	32	22	-2	-38	-19
2517	27	1798	14.45	421.7	98.41	176.89	19.5	79.5	41.7	0.00	0.00	39.36	27	23	-6	-26	-18
2698	31	1862	14.26	418.3	98.68	175.27	19.6	79.4	41.7	0.00	0.00	0.00	17	17	-5	-17	-10
2491	31	1558	14.00	290.1	99.33	134.82	19.8	79.5	41.5	0.00	0.00	0.00	5	6	0	-8	-3
1940	30	876	14.42	187.8	100.00	117.47	20.2	79.5	41.5	0.00	0.00	0.00	-1	4	-1	-2	0
793	29	27	14.38	67.4	100.00	106.36	20.3	79.4	41.5	0.00	0.00	0.00	12	9	-10	0	-24
772	26	-11	14.38	62.5	100.12	103.83	20.5	79.5	41.5	0.00	0.00	0.00	12	13	-8	-2	-13
769	20	-21	14.48	64.6	100.12	103.54	20.5	79.5	41.5	0.00	0.00	0.00	14	13	-12	0	-15
758	16	-24	14.29	63.0	100.00	103.16	20.5	79.5	41.5	0.00	0.00	0.00	16	13	-14	0	-15
734	11	-29	14.32	60.0	100.12	103.44	20.6	79.5	41.5	0.00	0.00	0.00	16	14	-13	1	-17
807	7	11	14.38	69.5	100.00	103.83	20.6	79.5	41.7	0.00	0.00	0.00	17	18	-15	0	-14
1600	7	880	14.48	182.8	100.00	115.52	20.6	79.8	41.7	0.00	0.00	0.00	20	16	-12	-18	-6
1562	11	837	14.22	175.0	99.87	120.68	20.6	79.8	41.7	0.00	0.00	0.00	22	16	-12	-18	-8
1564	12	770	14.32	172.3	99.87	123.43	20.6	80.0	42.0	0.00	0.00	0.00	21	15	-13	-17	-7
1613	13	828	14.48	178.8	99.87	123.58	20.6	79.9	42.0	0.00	0.00	0.00	20	17	-12	-18	-9
1802	16	1056	14.51	221.0	99.73	130.30	20.6	80.0	42.0	0.00	0.00	0.00	18	13	-8	-19	-5
1851	19	1102	14.48	228.1	99.87	132.92	20.5	80.0	42.0	0.00	0.00	0.00	14	11	-6	-16	-3
2264	23	1488	14.48	328.0	99.20	157.89	20.3	80.0	42.0	0.00	0.00	36.61	28	11	3	-29	-13
2487	26	1726	14.57	406.6	98.15	177.02	20.3	80.0	42.0	0.00	0.00	38.02	31	21	-9	-28	-15
2644	30	1861	14.42	442.7	98.55	181.11	20.3	80.0	42.0	0.00	0.00	40.00	23	19	-5	-22	-15
2096	33	1309	14.42	314.3	99.08	159.22	20.5	80.3	42.0	0.00	0.00	40.00	24	8	1	-27	-7
2113	36	1334	14.38	307.2	99.08	155.41	20.6	80.3	42.0	0.00	0.00	40.00	23	7	4	-24	-8
2166	38	1381	14.45	304.3	99.08	153.08	20.7	80.3	42.0	0.00	0.00	40.00	25	4	5	-26	-9
2192	39	1425	14.35	315.8	99.59	156.28	20.7	80.5	42.0	0.00	0.00	40.00	25	8	3	-26	-9
2234	40	1431	14.54	322.7	99.20	155.69	20.8	80.5	42.0	0.00	0.00	40.00	25	8	2	-26	-9
2236	41	1503	14.51	330.6	99.20	158.33	21.0	80.9	42.0	0.00	0.00	40.00	26	10	2	-26	-11
2307	43	1579	14.45	342.2	98.94	161.72	21.0	80.9	42.0	0.00	0.00	40.00	27	16	-3	-28	-13
2351	44	1591	14.38	351.2	98.94	163.60	21.2	81.1	42.0	0.00	0.00	40.00	24	16	-2	-26	-13
2437	45	1621	14.48	367.5	99.08	165.52	21.2	81.5	42.0	0.00	0.00	40.00	24	18	-2	-26	-14
2448	46	1879	14.48	409.3	96.97	173.50	21.2	81.5	42.2	0.00	0.00	35.22	38	31	-8	-34	-26
3139	51	2350	14.38	595.5	96.97	210.61	21.3	81.8	42.2	0.00	0.00	35.02	26	39	-11	-29	-24
3245	56	2468	14.10	609.0	96.44	212.94	22.0	81.8	42.5	0.00	0.00	35.56	25	37	-12	-28	-22
3362	61	2603	14.64	631.2	96.56	213.75	22.6	81.8	42.5	0.00	0.00	35.47	21	39	-13	-29	-20
3501	65	2794	14.51	642.5	96.44	216.07	23.2	82.5	42.5	0.00	0.00	35.41	20	32	-10	-28	-16
3661	69	2922	14.60	651.9	96.05	215.19	24.1	82.6	42.5	0.00	0.00	35.36	19	32	-8	-25	-16
3763	72	3028	14.54	662.7	96.05	210.89	25.0	82.6	42.2	0.00	0.00	35.34	19	34	-8	-27	-14
3801	75	2454	14.51	452.6	98.80	169.44	26.0	83.5	42.2	0.00	0.00	0.00	-2	9	-2	-3	2
1870	68	829	14.38	173.8	100.00	118.63	26.7	83.9	42.2	0.00	0.00	0.00	-2	2	1	-2	0
981	57	103	14.64	76.5	100.12	106.94	27.1	84.1	42.2	0.00	0.00	0.00	-2	1	0	0	0
818	47	34	14.48	66.6	100.12	104.33	27.2	84.8	42.2	0.00	0.00	0.00	7	6	-2	6	-5
798	41	11	14.38	65.5	100.26	103.73	27.2	85.4	42.5	0.00	0.00	0.00	6	7	-5	1	-9
1205	40	560	14.42	116.8	100.12	105.76	27.2	85.4	42.5	0.00	0.00	0.00	25	11	-20	-13	-8
1512	39	787	13.91	160.5	100.00	116.58	27.1	86.0	42.5	0.00	0.00	0.00	17	13	-11	-13	-5
1758	39	1017	14.57	217.0	100.00	130.30	26.8	86.3	42.7	0.00	0.00	0.00	20	14	-8	-21	-5
2009	40	1296	14.48	293.7	99.87	155.28	26.7	86.5	43.0	0.00	0.00	34.52	28	11	1	-33	-7
1893	42	1026	14.45	244.1	99.87	150.16	26.2	86.9	43.0	0.00	0.00	0.00	16	10	-7	-18	-2
1867	42	965	14.48	237.6	99.73	141.99	26.2	87.1	43.2	0.00	0.00	0.00	14	7	-5	-18	-1
1629	42	841	14.45	181.3	99.87	125.65	25.8	87.5	43.2	0.00	0.00	0.00	20	11	-9	-14	-6
1998	43	1216	14.51	276.0	99.33	148.99	25.7	87.5	43.4	0.00	0.00	34.86	23	8	-2	-27	-4
2384	45	1606	14.70	426.0	98.41	196.28	25.5	92.1	42.5	0.00	0.00	35.50	39	23	-7	-39	-16
2422	49	1222	14.48	302.1	99.73	172.36	25.5	88.0	43.5	0.00	0.00	0.00	20	3	4	-22	-5
1851	49	1079	14.60	223.1	99.87	134.99	25.6	88.0	43.5	0.00	0.00	0.00	15	12	-7	-14	-7
1797	49	1006	14.57	209.1	99.73	127.80	25.6	88.0	43.5	0.00	0.00	0.00	15	9	-5	-12	-8
1797	49	1044	14.54	206.6	99.73	126.51	25.5	88.1	43.5	0.00	0.00	0.00	16	10	-6	-15	-5
1974	49	1200	14.57	252.6	99.73	141.39	25.5	88.5	43.5	0.00	0.00	0.00	17	10	-3	-19	-4
1998	50	1187	14.45	268.7	99.59	146.36	25.3	88.5	43.5	0.00	0.00	0.00	14	9	-4	-19	-2
1336	49	490	14.60	120.6	100.00	114.08	25.2	88.5	43.5	0.00	0.00	0.00	1	3	0	-4	1
1815	48	1042	13.97	212.0	99.87	124.47	25.1	88.5	43.5	0.00	0.00	0.00	17	10	-7	-13	-7
1920	48	1231	14.60	260.6	99.33	138.02	25.0	88.5	43.5	0.00	0.00	32.84	21	10	-2	-22	-3
2234	49	1423	14.57	345.7	99.08	172.64	24.7	88.5	43.7	0.00	0.00	39.36	33	10	3	-33	-13

2420	51	1630	14.10	426.5	98.68	194.25	24.7	88.5	43.7	0.00	0.00	39.41	37	24	-5	-36	-20
2015	52	1182	14.45	281.2	99.47	153.66	24.7	88.5	43.7	0.00	0.00	0.00	15	11	-3	-18	-3
1899	52	1131	14.60	233.6	99.87	136.74	24.6	88.5	43.7	0.00	0.00	0.00	14	11	-5	-14	-7
1888	51	1111	14.57	230.6	99.87	132.77	24.5	88.5	44.0	0.00	0.00	0.00	14	10	-4	-13	-6
1607	51	838	14.64	169.5	100.00	118.63	24.3	88.5	44.0	0.00	0.00	0.00	8	5	-4	-6	-4
1719	50	937	14.51	186.1	100.00	117.16	24.2	88.5	44.0	0.00	0.00	0.00	12	7	-7	-10	-5
1295	48	449	14.51	115.8	100.26	109.69	24.1	88.5	44.0	0.00	0.00	0.00	0	0	0	-2	1
1069	46	260	14.45	93.0	100.12	105.19	23.8	88.5	44.2	0.00	0.00	0.00	0	0	0	0	0
921	44	110	14.60	77.4	100.26	104.02	23.7	88.5	44.2	0.00	0.00	0.00	-1	-1	2	0	-1
841	42	52	14.57	66.8	100.26	103.54	23.6	88.5	44.2	0.00	0.00	0.00	-2	3	-8	2	-8
786	34	3	14.45	64.8	100.12	103.16	23.2	88.5	44.5	0.00	0.00	0.00	7	6	-6	4	-8
701	23	-50	14.45	57.5	100.00	103.15	23.2	88.5	44.5	0.00	0.00	0.00	13	15	-12	-5	-14
698	15	-17	14.42	57.5	100.00	103.83	23.1	88.5	44.7	0.00	0.00	0.00	25	32	-28	-5	-26
791	12	-24	14.22	62.7	100.26	104.33	23.0	88.5	44.7	0.00	0.00	0.00	15	20	-17	3	-17
807	8	3	14.48	71.0	100.12	104.62	22.8	88.5	44.7	0.00	0.00	0.00	19	23	-19	4	-23
751	4	49	14.48	69.0	100.26	104.72	22.7	88.5	45.0	0.00	0.00	0.00	21	26	-19	2	-26
813	2	66	14.57	72.6	100.26	105.19	22.5	88.5	45.0	0.00	0.00	0.00	20	21	-15	-2	-27
1254	0	687	14.13	137.6	99.87	110.55	22.3	88.8	45.0	0.00	0.00	0.00	28	18	-21	-17	-9
1126	0	-128	14.54	67.0	100.26	115.41	22.2	88.5	45.0	0.00	0.00	0.00	-3	6	-1	-2	4
769	3	3	14.29	67.0	100.12	106.06	22.2	88.5	45.7	0.00	0.00	0.00	23	20	-20	0	-21
858	0	17	14.54	66.3	100.00	105.19	22.0	88.5	45.2	0.00	0.00	0.00	11	15	-13	0	-15
930	0	440	14.54	102.6	100.00	105.76	21.7	88.5	45.2	0.00	0.00	0.00	39	14	-26	-2	-25
1239	0	-58	13.91	73.9	100.12	112.50	21.7	88.5	45.2	0.00	0.00	0.00	-3	13	-31	6	15
705	0	-30	14.45	63.0	100.12	104.91	21.5	88.5	45.2	0.00	0.00	0.00	23	19	-20	0	-22
784	0	-2	14.48	67.3	100.12	104.62	21.5	88.5	45.2	0.00	0.00	0.00	18	17	-16	-1	-19
775	0	-22	14.48	64.8	100.26	104.61	21.3	88.5	45.2	0.00	0.00	0.00	19	18	-15	-1	-20
789	0	-13	14.57	67.8	100.00	104.04	21.2	88.5	45.2	0.00	0.00	0.00	19	19	-14	0	-19
814	0	51	14.29	70.4	100.12	104.12	21.1	88.5	45.2	0.00	0.00	0.00	12	15	-10	-1	-14
801	0	22	14.35	66.1	100.12	104.12	21.1	88.8	45.2	0.00	0.00	0.00	13	12	-9	-3	-13
775	0	9	14.45	67.0	100.00	103.73	21.0	88.5	45.2	0.00	0.00	0.00	13	14	-14	-2	-14
755	0	-10	14.51	63.5	100.00	103.44	20.7	88.5	45.2	0.00	0.00	0.00	12	12	-10	0	-14
762	0	-8	14.45	62.2	100.12	103.73	20.7	88.5	45.2	0.00	0.00	0.00	13	13	-13	0	-13
669	0	-37	14.29	53.2	100.12	103.73	20.6	88.5	45.2	0.00	0.00	0.00	17	18	-9	-4	-7
1637	0	949	14.13	199.0	99.47	122.12	20.6	88.5	45.2	0.00	0.00	0.00	21	15	-11	-21	-6
1606	0	727	14.42	170.8	100.00	125.34	20.6	88.3	45.2	0.00	0.00	0.00	19	13	-12	-15	-5
673	9	-92	14.29	56.7	100.26	107.52	20.5	88.3	45.2	0.00	0.00	0.00	19	18	-11	-6	-14
810	6	4	14.35	64.0	100.00	104.62	20.3	88.3	45.2	0.00	0.00	0.00	17	17	-15	-2	-15
740	3	-33	13.91	64.6	100.12	104.04	20.2	88.3	45.2	0.00	0.00	0.00	18	19	-16	-1	-20
821	0	88	14.42	72.6	100.26	104.04	20.2	88.3	45.2	0.00	0.00	0.00	13	16	-10	2	-16
822	0	39	14.38	68.0	100.00	104.04	20.2	88.3	45.2	0.00	0.00	0.00	11	10	-8	-3	-12
774	0	-1	14.45	65.5	100.26	103.44	20.1	88.0	45.2	0.00	0.00	0.00	14	10	-6	-3	-13
750	0	13	14.51	62.9	100.12	103.16	20.0	88.0	45.2	0.00	0.00	0.00	15	7	-6	-4	-12
740	0	-22	14.45	61.0	100.12	103.16	20.0	88.0	45.2	0.00	0.00	0.00	15	7	-6	-5	-11
758	0	6	14.22	62.5	100.00	103.16	19.8	88.0	45.2	0.00	0.00	0.00	17	7	-3	-2	-12
751	0	-6	14.35	64.0	100.12	103.44	19.8	88.0	45.5	0.00	0.00	0.00	16	6	-5	-5	-13
744	0	4	14.45	62.0	100.12	103.16	19.8	88.0	45.2	0.00	0.00	0.00	15	5	-3	-4	-12
745	0	-19	14.45	62.7	100.12	103.25	19.8	88.0	45.5	0.00	0.00	0.00	17	5	-5	-4	-13
782	0	11	14.32	66.0	100.12	103.44	19.7	88.0	45.5	0.00	0.00	0.00	13	9	-12	-3	-15
757	0	-11	14.38	63.7	100.12	103.16	19.7	88.0	45.5	0.00	0.00	0.00	13	11	-9	-1	-14
756	0	3	14.42	62.5	100.26	103.16	19.7	88.0	45.7	0.00	0.00	0.00	14	7	-7	-4	-11
735	0	-26	14.45	61.2	100.12	103.25	19.7	88.0	45.7	0.00	0.00	0.00	16	7	-8	-2	-13
764	0	10	13.94	63.0	100.12	103.26	19.7	88.0	45.7	0.00	0.00	0.00	17	7	-5	-5	-12
751	0	-13	14.45	63.2	100.12	103.16	19.7	88.0	45.7	0.00	0.00	0.00	16	4	-3	-5	-12
772	0	2	14.22	62.2	100.00	103.16	19.7	88.0	45.7	0.00	0.00	0.00	16	6	-4	-5	-11
742	0	-16	14.51	63.2	100.26	103.16	19.7	88.0	45.7	0.00	0.00	0.00	17	5	-3	-7	-12
785	0	19	14.32	63.7	100.12	103.16	19.7	88.0	45.7	0.00	0.00	0.00	14	5	-3	-3	-12
749	0	-17	14.42	62.2	100.12	103.16	19.7	88.0	45.7	0.00	0.00	0.00	16	5	-4	-6	-11
775	0	6	14.19	62.0	100.00	103.16	19.7	88.0	45.7	0.00	0.00	0.00	16	5	-4	-5	-15
748	0	-12	14.29	63.0	100.12	103.44	19.7	88.0	46.0	0.00	0.00	0.00	15	6	-5	-6	-12
780	0	15	14.35	62.7	100.12	103.16	19.7	88.0	46.0	0.00	0.00	0.00	15	5	-3	-5	-11
746	0	-30	14.54	62.7	100.26	103.16	19.7	87.5	46.0	0.00	0.00	0.00	15	6	-4	-5	-12
762	0	0	14.38	62.7	100.26	103.44	19.7	87.9	46.0	0.00	0.00	0.00	15	4	-2	-5	-11
737	0	6	14.35	62.7	100.26	103.44	19.7	87.5	46.0	0.00	0.00	0.00	17	5	-6	-3	-12
773	0	5	14.38	63.5	100.12	103.44	19.7	87.5	46.0	0.00	0.00	0.00	15	6	-4	-6	-10
742	0	-21	14.45	62.7	100.00	103.16	19.7	87.5	46.0	0.00	0.00	0.00	16	5	-5	-2	-14
704	0	-42	14.38	61.7	100.26	103.16	19.7	87.5	46.2	0.00	0.00	0.00	23	12	-9	-11	-19
795	0	29	14.51	69.3	100.12	103.73	19.7	87.5	46.2	0.00	0.00	0.00	14	16	-12	-2	-16
768	0	0	14.22	66.1	100.12	103.73	19.7	87.5	46.2	0.00	0.00	0.00	14	15	-11	-1	-17
754	0	-5	14.26	60.9	100.26	103.44	19.7	87.5	46.2	0.00	0.00	0.00	16	16	-14	-2	-19
755	0	39	14.45	66.0	100.00	103.73	19.7	87.3	46.2	0.00	0.00	0.00	17	17	-14	0	-20
783	0	47	14.26	66.0	100.12	104.02	19.7	87.3	46.2	0.00	0.00	0.00	15	15	-14	1	-16

784	0	0	14.35	63.2	100.12	104.12	19.7	87.3	46.2	0.00	0.00	0.00	15	16	-13	0	-17
721	0	45	14.48	63.4	100.12	103.44	19.7	87.3	46.2	0.00	0.00	0.00	19	11	-15	0	-21
778	0	29	14.13	64.1	100.00	103.16	19.7	87.3	46.2	0.00	0.00	0.00	14	11	-11	1	-13
768	0	-11	14.38	63.2	100.12	103.44	19.7	89.5	46.2	0.00	0.00	0.00	14	11	-10	-1	-16
739	0	5	14.38	63.5	100.26	103.44	19.7	87.3	46.2	0.00	0.00	0.00	13	8	-6	-3	-13
743	0	-17	14.22	63.4	100.00	103.16	19.7	87.0	46.2	0.00	0.00	0.00	16	10	-8	-3	-15
771	0	8	14.35	61.7	100.12	103.16	19.7	87.0	46.5	0.00	0.00	0.00	15	5	-5	-5	-13
761	0	-11	14.38	62.7	100.12	103.44	19.8	87.0	46.5	0.00	0.00	0.00	15	6	-4	-5	-13
741	0	4	14.48	62.9	100.00	103.44	19.8	87.0	46.5	0.00	0.00	0.00	15	4	-4	-4	-13
772	0	-3	14.48	64.8	100.00	103.44	20.0	87.0	46.5	0.00	0.00	0.00	13	13	-10	1	-13
752	0	-12	14.45	64.0	100.00	103.16	20.1	86.6	46.5	0.00	0.00	0.00	13	10	-8	-2	-13
762	0	-3	14.42	61.7	100.26	103.44	20.1	86.9	46.4	0.00	0.00	0.00	16	7	-6	-4	-13
728	0	-38	14.22	61.2	100.12	103.16	20.2	86.9	46.5	0.00	0.00	0.00	16	6	-6	-4	-12
794	0	25	14.35	66.5	100.12	103.44	20.2	86.6	46.5	0.00	0.00	0.00	11	12	-11	2	-14
756	0	-3	14.32	64.1	100.12	103.16	20.2	86.6	46.5	0.00	0.00	0.00	13	10	-8	-1	-14
768	0	10	14.45	61.7	100.26	103.16	20.2	86.6	46.5	0.00	0.00	0.00	14	6	-5	-2	-13
730	0	-19	14.35	62.2	100.12	103.25	20.2	86.6	46.5	0.00	0.00	0.00	17	8	-8	-4	-13
759	0	25	14.38	64.0	100.12	103.44	20.3	86.6	46.5	0.00	0.00	0.00	12	11	-8	-2	-14
767	0	-3	14.29	64.0	100.12	103.44	20.3	86.6	46.5	0.00	0.00	0.00	13	12	-10	1	-15
742	0	-25	14.38	62.5	100.26	103.16	20.3	86.6	46.5	0.00	0.00	0.00	13	9	-6	-3	-13
776	0	0	14.45	64.5	100.26	103.54	20.5	86.6	46.5	0.00	0.00	0.00	13	12	-11	3	-14
752	0	-16	14.38	64.0	100.12	103.16	20.5	86.4	46.5	0.00	0.00	0.00	13	11	-9	-1	-14
769	0	-5	14.35	63.2	100.12	103.44	20.5	86.4	46.5	0.00	0.00	0.00	14	8	-8	-2	-13
744	0	-10	14.32	62.5	100.12	103.25	20.5	86.4	46.5	0.00	0.00	0.00	12	15	-10	-2	-15
765	0	-14	14.42	64.0	100.12	103.44	20.5	86.4	46.5	0.00	0.00	0.00	13	10	-7	-2	-13
748	0	11	14.29	62.5	100.26	103.16	20.5	86.4	46.5	0.00	0.00	0.00	14	8	-7	-2	-14
756	0	-12	14.32	64.1	100.26	103.16	20.5	86.4	46.5	0.00	0.00	0.00	14	8	-4	-6	-13
730	0	19	13.88	63.7	100.12	103.16	20.5	86.4	46.5	0.00	0.00	0.00	18	5	-6	-3	-13
768	0	-2	14.38	64.1	100.26	103.16	20.5	86.4	46.5	0.00	0.00	0.00	15	6	-4	-6	-12
741	0	9	14.38	64.0	100.12	103.16	20.5	86.1	46.5	0.00	0.00	0.00	15	5	-4	-4	-12
766	0	-3	14.32	65.0	100.26	103.16	20.5	86.1	46.5	0.00	0.00	0.00	15	6	-4	-5	-12
741	0	8	14.48	62.7	100.12	103.16	20.5	86.1	46.5	0.00	0.00	0.00	17	7	-3	-2	-13
767	0	-5	14.42	64.5	100.12	103.16	20.5	86.1	46.7	0.00	0.00	0.00	15	7	-3	-4	-13
745	0	8	14.29	63.7	100.26	103.16	20.6	85.9	46.7	0.00	0.00	0.00	15	6	-4	-6	-15
768	0	-19	14.42	61.7	100.12	103.44	20.6	86.0	46.7	0.00	0.00	0.00	16	4	-4	-3	-14
744	0	22	14.26	65.0	100.12	103.16	20.6	86.0	46.7	0.00	0.00	0.00	16	6	-5	-6	-13
772	0	-6	14.42	64.6	100.12	103.16	20.6	86.0	46.7	0.00	0.00	0.00	16	4	-4	-5	-11
731	0	-6	14.29	62.5	100.26	103.16	20.6	85.9	46.7	0.00	0.00	0.00	15	6	-4	-4	-12
767	0	-12	14.38	61.7	100.12	103.44	20.6	85.9	46.7	0.00	0.00	0.00	15	5	-4	-5	-12
744	0	16	14.07	63.0	100.12	103.44	20.6	85.9	46.7	0.00	0.00	0.00	15	5	-5	-3	-14
765	0	-8	14.32	64.0	100.12	103.16	20.6	85.9	46.7	0.00	0.00	0.00	14	6	-3	-6	-11
750	0	-17	14.35	64.1	100.12	103.16	20.6	85.9	46.7	0.00	0.00	0.00	17	3	-4	-2	-14
768	0	12	14.29	66.4	100.12	103.44	20.6	85.9	46.7	0.00	0.00	0.00	16	5	-3	-6	-10
758	0	-9	14.35	64.4	100.12	103.16	20.6	85.9	46.7	0.00	0.00	0.00	16	5	-4	-3	-14
766	0	3	14.26	63.2	100.12	103.16	20.6	85.9	46.7	0.00	0.00	0.00	16	4	-4	-6	-12
737	0	-27	14.26	61.5	100.12	103.16	20.6	85.9	46.7	0.00	0.00	0.00	16	5	-4	-4	-11
773	0	18	14.19	64.5	100.12	103.54	20.6	85.9	46.9	0.00	0.00	0.00	16	6	-3	-5	-12
757	0	-19	14.48	63.2	100.26	103.25	20.6	85.5	46.9	0.00	0.00	0.00	14	5	-2	-6	-11
769	0	-2	14.48	63.0	100.26	103.44	20.6	85.5	46.9	0.00	0.00	0.00	17	5	-4	-3	-13
743	0	-22	14.22	63.2	100.00	103.16	20.6	85.5	46.9	0.00	0.00	0.00	16	5	-5	-5	-11
775	0	9	14.45	64.0	100.38	103.44	20.6	85.5	46.9	0.00	0.00	0.00	14	4	-3	-2	-14
748	0	-22	14.51	63.0	100.26	103.16	20.6	85.5	46.9	0.00	0.00	0.00	16	4	-4	-4	-12
766	0	4	14.16	64.4	100.00	102.87	20.6	85.5	46.9	0.00	0.00	0.00	15	5	-2	-3	-12
741	0	-25	14.45	63.7	100.00	103.16	20.6	85.5	46.9	0.00	0.00	0.00	15	5	-6	-3	-11
781	0	10	14.35	64.8	100.26	103.44	20.6	85.5	46.9	0.00	0.00	0.00	14	6	-4	-7	-10
752	0	-21	14.38	64.5	100.00	103.16	20.6	85.5	46.9	0.00	0.00	0.00	14	5	-4	-4	-11
766	0	-6	14.48	64.1	100.26	103.44	20.6	85.1	46.9	0.00	0.00	0.00	16	8	-4	-6	-9
745	0	12	14.29	64.0	100.26	103.16	20.6	85.1	46.9	0.00	0.00	0.00	15	6	-4	-4	-13
773	0	12	14.35	64.0	100.12	103.54	20.6	85.1	46.9	0.00	0.00	0.00	14	7	-4	-5	-12
743	0	48	14.26	64.0	100.00	103.16	20.6	85.1	46.9	0.00	0.00	0.00	19	16	-16	3	-22
802	0	48	14.35	67.0	100.12	103.44	20.6	85.1	47.0	0.00	0.00	0.00	17	16	-13	-1	-17
776	0	-5	14.51	65.0	100.12	104.02	20.6	85.1	47.0	0.00	0.00	0.00	15	15	-12	0	-16
722	0	-9	14.42	60.2	100.12	103.73	20.5	85.1	47.0	0.00	0.00	0.00	17	15	-13	1	-19
798	0	30	14.29	68.5	100.26	103.73	20.5	85.1	47.0	0.00	0.00	0.00	15	15	-13	0	-17
753	0	-17	14.19	66.0	100.12	103.44	20.5	85.1	47.0	0.00	0.00	0.00	15	15	-13	0	-17
784	0	30	14.42	64.5	100.12	103.44	20.5	85.1	47.0	0.00	0.00	0.00	16	14	-14	4	-19
794	0	16	14.22	64.4	100.26	103.44	20.5	85.1	47.0	0.00	0.00	0.00	14	14	-12	0	-17
759	0	-9	14.22	66.1	100.12	103.16	20.5	85.1	47.0	0.00	0.00	0.00	12	11	-11	1	-15
764	0	15	14.42	63.0	100.26	103.16	20.5	84.9	47.0	0.00	0.00	0.00	12	11	-12	2	-15
754	0	-15	14.19	63.9	100.12	103.15	20.5	84.9	47.0	0.00	0.00	0.00	13	9	-9	-3	-13
768	0	4	14.32	62.5	100.26	103.16	20.5	84.9	47.0	0.00	0.00	0.00	13	9	-9	1	-14

747	0	-11	14.10	64.0	100.12	103.15	20.6	84.9	47.0	0.00	0.00	0.00	13	11	-10	-2	-14
759	0	18	13.75	63.4	100.12	103.16	20.6	84.9	47.0	0.00	0.00	0.00	12	12	-12	3	-14
764	0	-16	14.38	63.5	100.12	103.16	20.6	84.9	47.0	0.00	0.00	0.00	13	10	-6	-3	-13
739	0	6	14.42	61.7	100.12	103.15	20.7	84.9	47.0	0.00	0.00	0.00	15	8	-6	-4	-14
743	0	-19	14.38	62.7	100.12	102.87	20.7	84.9	47.0	0.00	0.00	0.00	15	10	-7	-5	-13
760	0	11	14.42	63.2	100.26	103.15	20.8	84.9	47.0	0.00	0.00	0.00	15	6	-3	-4	-12
766	0	-5	14.35	64.5	100.12	103.16	20.8	84.9	47.0	0.00	0.00	0.00	17	5	-5	-6	-13
731	0	-1	14.38	62.2	100.12	103.16	21.0	84.9	47.0	0.00	0.00	0.00	15	7	-2	-5	-12
759	0	-4	14.35	65.1	100.26	103.16	21.0	84.9	47.0	0.00	0.00	0.00	17	6	-4	-4	-14
744	0	10	14.32	63.2	100.12	103.16	21.1	84.9	47.0	0.00	0.00	0.00	14	8	-5	-6	-13
769	0	-8	14.48	61.9	100.12	103.16	21.2	84.9	47.0	0.00	0.00	0.00	15	6	-5	-6	-14
732	0	4	14.42	62.7	100.12	103.16	21.2	84.9	47.0	0.00	0.00	0.00	16	6	-4	-5	-12
766	0	3	14.35	66.6	100.26	103.15	21.2	84.5	47.0	0.00	0.00	0.00	16	6	-5	-6	-14
746	0	6	14.26	63.7	100.12	103.16	21.2	84.5	47.2	0.00	0.00	0.00	14	5	-4	-3	-13
758	0	-14	14.32	63.2	100.26	103.15	21.2	84.5	47.2	0.00	0.00	0.00	15	6	-4	-6	-12
737	0	6	14.26	63.2	100.00	103.15	21.2	84.5	47.2	0.00	0.00	0.00	16	6	-5	-5	-13
768	0	-4	14.32	65.5	100.26	103.16	21.2	84.5	47.2	0.00	0.00	0.00	15	5	-4	-5	-12
737	0	6	14.42	63.5	100.12	103.16	21.2	84.5	47.2	0.00	0.00	0.00	15	5	-3	-4	-13
760	0	-7	14.32	64.1	100.12	103.15	21.3	84.5	47.2	0.00	0.00	0.00	15	6	-5	-5	-12
736	0	8	14.19	64.1	100.26	103.16	21.3	84.5	47.2	0.00	0.00	0.00	15	5	-5	-3	-13
774	0	4	14.03	62.9	100.26	103.44	21.3	84.5	47.2	0.00	0.00	0.00	15	5	-3	-3	-13
747	0	-8	14.19	63.2	100.12	103.16	21.3	84.5	47.2	0.00	0.00	0.00	15	5	-4	-5	-12
748	0	-13	14.32	63.2	100.12	103.25	21.3	84.5	47.2	0.00	0.00	0.00	16	6	-5	-5	-11
741	0	16	14.42	63.0	100.12	103.15	21.3	84.3	47.2	0.00	0.00	0.00	16	6	-4	-5	-11
763	0	-15	14.35	63.2	100.12	103.44	21.3	84.3	47.2	0.00	0.00	0.00	17	4	-4	-3	-14
749	0	-5	14.38	62.5	100.26	103.16	21.5	84.3	47.2	0.00	0.00	0.00	14	4	-6	-2	-14
770	0	9	14.38	66.8	100.26	103.15	21.5	84.3	47.2	0.00	0.00	0.00	14	10	-11	-2	-14
757	0	5	13.91	63.9	100.12	103.16	21.5	84.3	47.2	0.00	0.00	0.00	14	10	-9	-1	-14
768	0	-1	14.26	63.2	100.12	103.16	21.5	84.3	47.2	0.00	0.00	0.00	14	12	-10	-2	-14
749	0	-14	14.42	62.9	100.12	103.15	21.5	84.3	47.2	0.00	0.00	0.00	17	9	-8	-5	-13
753	0	24	13.78	63.2	100.12	103.16	21.5	84.3	47.2	0.00	0.00	0.00	13	11	-9	-2	-13
761	0	-12	14.32	63.9	100.26	103.16	21.6	84.3	47.2	0.00	0.00	0.00	14	9	-8	-4	-13
741	0	-10	13.78	60.2	100.26	103.16	21.7	84.3	47.2	0.00	0.00	0.00	14	8	-7	-5	-12
762	0	-4	14.22	65.5	100.12	102.97	21.7	84.3	47.2	0.00	0.00	0.00	15	8	-5	-5	-13
746	0	8	14.19	62.9	100.12	103.44	21.7	84.3	47.2	0.00	0.00	0.00	15	7	-3	-7	-11
659	0	-118	14.26	56.7	100.12	103.16	21.7	84.3	47.5	0.00	0.00	0.00	29	16	-14	-10	-21
1071	0	-116	14.07	69.1	100.12	108.12	21.7	84.3	47.5	0.00	0.00	0.00	16	5	-19	2	-3
721	0	-28	14.13	63.2	100.26	104.04	21.7	84.0	47.5	0.00	0.00	0.00	23	15	-16	0	-22
774	0	-1	14.32	66.8	100.12	104.31	21.7	84.1	47.5	0.00	0.00	0.00	16	20	-15	-1	-20
1561	0	972	14.29	196.1	99.59	118.62	21.7	84.0	47.5	0.00	0.00	30.29	25	19	-13	-21	-8
2627	0	1697	14.32	496.7	98.80	213.82	21.7	84.0	47.5	0.00	0.00	30.93	36	26	-10	-27	-24
2315	19	1669	13.81	438.1	98.15	185.49	21.8	84.0	47.5	0.00	0.00	29.84	41	38	-8	-44	-27
2805	25	1816	14.26	476.3	97.62	198.61	22.1	84.0	47.5	0.00	0.00	30.42	44	41	-13	-44	-28
2652	33	1872	14.32	497.8	98.01	207.10	22.2	84.0	47.4	0.00	0.00	34.09	35	32	-12	-35	-23
2422	38	1573	14.35	399.2	99.08	184.03	22.8	84.0	47.4	0.00	0.00	0.00	31	24	-6	-31	-18
2184	39	1662	14.35	369.1	98.68	157.74	23.2	84.0	47.2	0.00	0.00	28.18	37	26	-6	-36	-21
2660	42	1868	14.22	490.3	97.09	209.44	23.7	84.1	47.2	0.00	0.00	31.04	37	31	-8	-30	-26
3029	47	2050	14.32	496.7	98.29	197.16	24.1	84.1	47.2	0.00	0.00	36.66	30	23	-9	-25	-20
2111	50	1245	14.32	287.1	99.59	163.30	24.6	84.5	47.2	0.00	0.00	36.61	24	7	1	-27	-6
1949	50	1128	14.29	244.8	99.87	143.75	25.0	84.8	47.0	0.00	0.00	0.00	16	9	-4	-20	-2
1125	49	773	14.13	134.6	100.00	111.33	25.2	84.8	47.0	0.00	0.00	0.00	23	6	-20	-12	-11
1666	48	880	14.42	178.5	100.12	118.93	25.3	85.0	47.0	0.00	0.00	0.00	15	6	-5	-12	-5
1579	47	778	14.38	165.6	100.12	116.87	25.5	85.4	47.0	0.00	0.00	0.00	12	10	-4	-13	-4
1706	46	931	13.94	189.3	99.87	120.38	25.5	85.8	47.0	0.00	0.00	0.00	16	10	-10	-13	-5
1762	46	995	14.22	203.6	100.12	125.34	25.5	85.8	47.0	0.00	0.00	0.00	16	12	-9	-15	-4
1774	46	1015	14.48	211.0	100.00	128.55	25.3	86.0	47.0	0.00	0.00	0.00	15	11	-9	-15	-3
1838	46	1048	14.45	224.0	99.87	131.77	25.2	86.0	47.0	0.00	0.00	0.00	15	10	-8	-17	-3
1870	46	1102	14.42	230.6	100.00	134.99	25.2	86.3	47.0	0.00	0.00	0.00	16	12	-8	-17	-3
1875	46	1114	14.42	233.5	99.73	135.57	25.1	86.3	47.2	0.00	0.00	0.00	13	11	-7	-15	-3
1860	46	1107	14.45	233.6	99.87	135.27	24.8	86.6	47.2	0.00	0.00	0.00	14	13	-7	-16	-4
1895	46	1103	14.51	236.6	99.73	136.44	24.7	86.6	47.2	0.00	0.00	0.00	16	11	-6	-17	-4
1897	46	1085	14.45	233.8	99.87	136.44	24.7	86.6	47.2	0.00	0.00	0.00	15	10	-6	-17	-2
1889	46	1100	14.51	235.6	100.00	136.44	24.5	87.0	47.2	0.00	0.00	0.00	14	13	-8	-16	-3
1891	46	1081	14.13	233.6	99.59	136.44	24.3	87.0	47.2	0.00	0.00	0.00	14	12	-6	-16	-4
1913	46	1200	14.42	251.5	99.73	138.47	24.2	87.0	47.2	0.00	0.00	32.59	19	10	-5	-19	-4
2383	47	1693	14.38	448.2	98.29	189.86	24.2	87.1	47.2	0.00	0.00	34.50	39	27	-7	-37	-24
2737	50	2331	14.13	622.5	97.09	221.91	24.1	87.1	47.2	0.00	0.00	33.11	34	39	-16	-31	-26
3243	55	2470	14.51	609.0	96.56	212.92	24.2	87.1	47.2	0.00	0.00	35.56	25	38	-14	-29	-22
2057	58	1226	14.60	265.7	99.59	149.72	24.7	87.5	47.2	0.00	0.00	0.00	12	5	-1	-13	-3
1734	57	932	14.57	193.8	100.12	128.85	24.8	90.3	47.2	0.00	0.00	0.00	16	10	-8	-12	-6
1675	56	889	14.42	188.1	99.87	125.05	25.1	87.5	47.2	0.00	0.00	0.00	22	6	-10	-13	-6

1678	56	892	14.38	182.1	100.12	123.58	25.2	87.9	47.2	0.00	0.00	0.00	16	14	-12	-11	-7
1648	55	870	14.22	190.5	100.00	124.58	25.2	87.9	47.2	0.00	0.00	0.00	16	12	-11	-11	-6
1655	54	872	14.54	182.5	100.12	123.58	25.2	87.9	47.2	0.00	0.00	0.00	17	13	-11	-13	-7
1661	54	871	14.45	181.8	100.12	122.72	25.2	88.1	47.2	0.00	0.00	0.00	16	15	-11	-12	-6
1657	53	867	14.45	180.1	100.12	122.43	25.1	88.1	47.5	0.00	0.00	0.00	16	13	-11	-12	-8
1657	53	866	14.48	180.1	100.12	122.43	25.0	88.1	47.5	0.00	0.00	0.00	16	12	-10	-12	-6
1649	52	855	14.42	180.0	100.12	122.43	24.8	88.1	47.5	0.00	0.00	0.00	16	13	-10	-13	-6
1515	52	747	14.57	157.8	100.12	118.33	24.7	88.5	47.5	0.00	0.00	0.00	16	11	-9	-12	-5
1552	51	772	14.48	163.1	100.12	118.05	24.6	88.5	47.7	0.00	0.00	0.00	16	12	-10	-12	-5
1625	51	831	14.48	175.0	100.12	120.38	24.3	88.5	47.7	0.00	0.00	0.00	18	13	-11	-14	-8
1615	50	825	14.57	177.1	100.00	121.83	24.2	88.5	47.7	0.00	0.00	0.00	17	13	-11	-13	-7
1585	49	846	14.48	180.8	100.12	121.54	24.1	88.5	47.9	0.00	0.00	0.00	19	14	-10	-13	-8
1612	49	829	14.54	177.1	99.87	122.13	24.0	88.5	47.9	0.00	0.00	0.00	18	12	-11	-11	-8
1590	49	843	14.48	180.0	100.12	122.12	23.7	88.8	47.9	0.00	0.00	0.00	18	14	-9	-14	-6
1611	48	824	14.54	177.8	99.87	122.13	23.6	88.5	47.9	0.00	0.00	0.00	17	14	-11	-13	-7
1609	48	810	14.48	182.6	100.00	123.00	23.3	88.8	47.9	0.00	0.00	0.00	17	14	-11	-12	-8
1577	48	771	14.48	165.8	99.87	120.68	23.2	88.8	47.9	0.00	0.00	0.00	17	10	-10	-13	-5
1563	47	764	14.16	165.8	100.00	119.51	23.1	88.8	47.9	0.00	0.00	0.00	20	12	-10	-15	-2
1575	47	780	14.35	169.6	99.87	120.08	23.0	88.8	47.9	0.00	0.00	0.00	17	12	-10	-13	-5
1548	46	809	14.51	174.5	100.00	120.66	22.7	88.8	47.9	0.00	0.00	0.00	20	14	-11	-15	-8
1581	46	811	14.42	184.3	100.00	122.41	22.6	88.8	47.7	0.00	0.00	0.00	18	11	-13	-14	-6
928	46	53	14.48	73.4	100.12	111.04	22.3	88.8	47.7	0.00	0.00	0.00	1	0	2	-1	-2
822	45	25	14.48	69.8	100.26	104.90	22.3	88.8	47.7	0.00	0.00	0.00	6	7	-7	-2	-8
794	43	6	14.54	68.5	100.12	103.73	22.2	88.8	47.7	0.00	0.00	0.00	6	3	-2	2	-10
699	35	-44	14.38	59.4	100.12	103.44	22.1	88.8	47.7	0.00	0.00	0.00	14	8	-8	-7	-11
708	27	-58	14.57	60.7	100.26	103.16	22.0	88.8	47.7	0.00	0.00	0.00	18	15	-8	-5	-20
825	20	41	14.16	68.5	100.12	103.73	21.7	88.8	47.7	0.00	0.00	0.00	15	17	-15	-2	-18
814	12	26	14.42	66.1	100.12	104.04	21.7	88.8	47.9	0.00	0.00	0.00	15	17	-14	-2	-16
777	6	1	14.45	65.0	100.00	104.31	21.5	88.8	47.9	0.00	0.00	0.00	17	15	-12	-1	-17
1952	8	1447	14.42	329.0	98.41	152.78	21.5	88.8	47.9	0.00	0.00	29.10	39	18	-1	-35	-12
2453	18	1783	14.29	499.1	97.09	209.44	21.3	88.8	47.9	0.00	0.00	34.06	39	31	-9	-36	-28
2481	27	1681	14.16	490.7	98.41	205.91	21.3	88.8	47.9	0.00	0.00	35.77	38	31	-8	-36	-27
2221	33	1247	14.19	309.5	99.47	171.19	21.3	88.8	47.9	0.00	0.00	0.00	20	6	0	-22	-6
1870	34	1072	14.29	234.8	99.87	133.22	21.3	88.8	47.9	0.00	0.00	0.00	14	9	-6	-12	-6
1912	34	1131	14.57	235.0	99.59	132.35	21.5	88.8	47.9	0.00	0.00	0.00	16	10	-6	-15	-5
1915	35	1132	14.48	244.8	99.73	133.36	21.5	89.0	47.7	0.00	0.00	0.00	13	9	-6	-14	-4
1925	35	1145	14.51	239.5	99.73	133.22	21.5	88.9	47.7	0.00	0.00	0.00	16	8	-5	-15	-4
1920	36	1162	14.51	241.8	99.87	132.63	21.5	89.0	47.7	0.00	0.00	0.00	15	7	-6	-12	-6
1948	36	1183	13.97	250.6	99.73	134.69	21.6	89.0	47.7	0.00	0.00	0.00	14	7	-2	-15	-4
1944	36	1184	14.45	249.3	99.87	133.22	21.5	89.0	47.9	0.00	0.00	0.00	15	7	-1	-14	-4
1951	37	1149	14.26	245.8	99.73	132.33	21.5	92.1	47.7	0.00	0.00	0.00	12	7	-2	-14	-4
1942	37	1174	14.45	241.6	99.87	130.89	21.5	89.0	47.7	0.00	0.00	0.00	13	7	-3	-13	-4
1989	37	1195	14.54	246.8	99.87	132.63	21.3	89.0	47.7	0.00	0.00	0.00	12	8	-1	-16	-1
1987	38	1212	14.48	248.3	99.73	133.52	21.2	89.0	47.7	0.00	0.00	0.00	12	9	-2	-15	-4
1998	38	1216	14.45	249.6	99.87	132.94	21.2	89.0	47.7	0.00	0.00	0.00	13	7	-1	-15	-4
1985	38	1211	14.48	249.6	99.87	131.47	21.2	89.0	47.7	0.00	0.00	0.00	14	6	-2	-15	-4
1978	38	1230	14.48	249.1	99.59	131.47	21.1	89.3	47.7	0.00	0.00	0.00	12	7	-2	-16	-3
2014	38	1232	14.13	249.3	99.73	132.33	21.0	89.0	47.9	0.00	0.00	0.00	12	6	0	-15	-4
2006	39	1210	14.00	249.1	99.73	131.19	20.8	89.0	47.9	0.00	0.00	0.00	12	6	0	-14	-4
1945	39	1172	14.29	232.5	100.00	125.65	20.7	88.9	47.9	0.00	0.00	0.00	10	6	-1	-13	-3
1949	39	1105	14.38	232.1	100.00	125.33	20.7	89.0	48.0	0.00	0.00	0.00	5	5	-1	-11	-1
1493	37	982	14.51	172.5	100.00	109.27	20.6	88.9	48.0	0.00	0.00	0.00	12	10	-6	-13	-9
1986	37	1249	14.51	250.5	99.73	129.44	20.6	88.9	48.0	0.00	0.00	0.00	14	10	-3	-18	-3
2092	38	1326	14.38	283.8	99.47	143.46	20.6	88.9	48.0	0.00	0.00	30.50	24	7	1	-23	-8
2485	41	1417	14.51	389.2	99.20	183.16	20.6	88.9	48.0	0.00	0.00	0.00	26	14	-5	-24	-15
1651	41	800	14.48	171.3	100.12	116.29	20.6	88.9	48.2	0.00	0.00	0.00	-1	2	0	-3	1
1419	39	925	14.35	164.0	100.00	108.11	20.5	88.9	48.2	0.00	0.00	0.00	11	6	-6	-9	-5
1997	38	1263	14.13	251.3	99.47	130.58	20.3	88.9	48.2	0.00	0.00	0.00	20	13	-1	-24	-5
2066	38	1279	14.45	285.2	99.59	144.89	20.3	88.9	48.2	0.00	0.00	0.00	21	8	1	-24	-6
2182	39	1471	14.29	337.7	99.20	151.33	20.3	88.9	48.2	0.00	0.00	33.29	34	17	-1	-33	-17
2062	40	1268	14.57	261.7	99.73	144.75	20.3	89.0	48.4	0.00	0.00	0.00	13	4	0	-15	-3
2248	40	1456	14.35	320.2	99.33	152.50	20.5	88.9	48.5	0.00	0.00	35.24	27	9	2	-27	-11
2228	41	1412	14.48	304.8	99.73	151.63	20.5	88.9	48.5	0.00	0.00	0.00	23	4	3	-22	-11
2033	41	1249	14.45	240.8	99.59	131.60	20.5	88.9	48.5	0.00	0.00	0.00	9	5	0	-11	-1
2004	40	1234	14.48	239.8	99.87	129.13	20.6	88.9	48.7	0.00	0.00	0.00	11	5	-1	-14	-3
1991	39	1190	14.54	237.6	99.73	128.25	20.7	87.0	48.5	0.00	0.00	0.00	11	6	-1	-13	-3
1970	38	1194	14.48	233.6	100.00	127.69	20.7	87.9	48.5	0.00	0.00	0.00	11	6	-2	-12	-3
1983	38	1194	14.54	235.8	99.73	129.13	20.7	88.8	48.5	0.00	0.00	0.00	10	7	-1	-13	-3
1972	38	1177	14.42	234.6	99.73	128.83	20.7	88.8	48.5	0.00	0.00	0.00	11	7	-1	-14	-3
1951	38	1182	14.19	229.5	99.87	128.55	20.7	88.8	48.9	0.00	0.00	0.00	10	7	-3	-12	-2
1979	38	1183	14.60	242.1	99.73	129.42	20.7	88.8	48.7	0.00	0.00	0.00	15	5	-3	-13	-5

1987	38	1227	14.48	249.3	99.73	131.75	20.7	88.8	48.7	0.00	0.00	0.00	12	7	-1	-16	-2
2034	38	1242	14.60	255.5	99.73	134.97	20.7	88.8	48.7	0.00	0.00	0.00	15	5	0	-18	-6
2023	39	1228	14.54	248.3	99.73	133.80	20.7	88.8	48.7	0.00	0.00	0.00	12	7	1	-16	-2
2006	39	1225	14.54	246.3	99.73	131.75	20.7	88.8	48.7	0.00	0.00	0.00	12	6	0	-15	-4
2008	39	1224	14.48	244.1	100.00	131.17	20.7	91.0	48.7	0.00	0.00	0.00	11	7	-1	-16	-1
1993	39	1221	14.03	242.3	99.73	130.02	20.7	88.9	48.7	0.00	0.00	0.00	12	6	-2	-14	-2
1989	39	1224	14.10	239.8	99.73	129.44	20.6	88.9	48.7	0.00	0.00	0.00	11	7	-1	-15	-3
2000	39	1205	14.07	241.3	99.59	130.00	20.6	88.9	48.7	0.00	0.00	0.00	10	7	-1	-14	-3
2006	39	1225	14.51	247.1	99.59	130.58	20.6	88.9	48.9	0.00	0.00	0.00	12	7	-1	-15	-4
1999	39	1225	14.35	235.5	99.87	129.72	20.5	88.9	48.9	0.00	0.00	0.00	11	6	-1	-14	-3
1996	39	1221	13.94	237.6	99.87	129.44	20.3	88.9	48.9	0.00	0.00	0.00	11	7	-1	-15	-3
1986	39	1214	14.00	238.8	99.59	129.55	20.3	88.9	49.0	0.00	0.00	0.00	11	6	-2	-12	-3
1961	39	1189	14.48	230.3	99.73	127.81	20.2	88.9	49.0	0.00	0.00	0.00	11	7	-1	-14	-3
1957	38	1165	14.54	227.1	100.00	126.23	20.2	88.9	49.5	0.00	0.00	0.00	11	7	-2	-13	-3
1931	38	1153	14.54	4068.0	99.73	51.68	20.2	88.9	51.5	0.00	0.00	0.00	12	7	-2	-13	-2
1908	38	1028	14.48	221.0	99.87	124.47	20.0	88.9	49.0	0.00	0.00	0.00	10	8	-3	-11	-4
1926	38	1152	14.57	224.6	99.87	125.34	19.8	88.9	49.0	0.00	0.00	0.00	12	6	-3	-12	-3
1951	37	1183	14.48	232.8	99.73	127.40	19.7	88.9	49.0	0.00	0.00	0.00	11	7	-2	-14	-3
2523	39	1823	14.38	494.7	98.01	193.36	19.7	88.9	49.0	0.00	0.00	29.30	36	31	-7	-29	-30
2678	43	1795	14.42	484.2	98.55	204.47	19.7	88.9	49.0	0.00	0.00	0.00	25	26	-8	-29	-17
1857	44	999	14.51	227.6	100.12	137.32	20.1	88.9	49.0	0.00	0.00	0.00	14	9	-4	-13	-6
1686	44	896	14.16	187.0	99.87	123.88	20.2	88.9	49.0	0.00	0.00	0.00	15	11	-6	-13	-8
1654	44	879	14.51	180.8	100.00	120.38	20.2	88.9	49.0	0.00	0.00	0.00	16	11	-8	-13	-6
1648	43	865	14.54	176.5	100.12	119.51	20.2	88.9	49.0	0.00	0.00	0.00	16	9	-6	-12	-7
1641	43	854	14.48	175.5	100.12	119.22	20.2	88.9	49.0	0.00	0.00	0.00	16	11	-7	-12	-8
1623	43	835	14.54	174.1	100.00	118.93	20.3	88.9	49.2	0.00	0.00	0.00	16	10	-7	-12	-8
1610	42	815	14.51	180.8	100.12	119.79	20.3	89.3	49.2	0.00	0.00	0.00	15	12	-7	-13	-8
1612	42	842	14.51	171.1	100.00	118.63	20.2	89.0	49.2	0.00	0.00	0.00	15	9	-6	-12	-6
1618	42	824	14.54	175.0	100.00	119.22	20.2	89.0	49.5	0.00	0.00	0.00	15	12	-9	-11	-9
1597	42	808	14.48	177.8	99.87	119.50	20.2	89.0	49.2	0.00	0.00	0.00	17	8	-7	-11	-7
1023	41	144	14.48	85.4	100.26	109.00	20.2	89.0	49.2	0.00	0.00	0.00	1	0	0	0	-1
844	39	42	14.45	72.1	100.26	104.31	20.0	89.0	49.2	0.00	0.00	0.00	5	1	11	8	6
824	37	31	14.51	65.5	100.26	103.16	19.8	89.0	49.2	0.00	0.00	0.00	-1	2	-14	-6	-12
796	36	11	13.94	66.9	100.12	103.25	19.8	89.0	49.2	0.00	0.00	0.00	3	5	-1	5	-6
785	34	1	14.42	65.5	100.26	102.87	19.7	89.0	49.2	0.00	0.00	0.00	6	4	-2	3	-8
773	33	-10	14.54	65.1	100.26	102.87	19.7	89.0	49.5	0.00	0.00	0.00	4	5	-4	-2	-3
782	32	1	13.97	63.2	100.12	103.15	19.7	89.0	49.5	0.00	0.00	0.00	5	5	-3	0	-8
777	31	-19	14.42	63.2	100.26	103.15	19.7	89.3	49.5	0.00	0.00	0.00	8	5	-4	-3	-8
776	30	15	14.29	67.8	100.26	102.87	19.7	89.3	49.5	0.00	0.00	0.00	9	6	-3	-2	-10
751	28	-33	14.54	61.7	100.12	103.16	19.6	89.0	49.5	0.00	0.00	0.00	11	4	-3	-5	-6
763	24	-30	14.42	63.9	100.26	103.16	19.6	89.3	49.7	0.00	0.00	0.00	13	5	-4	-6	-8
719	21	-34	14.51	61.2	100.12	103.44	19.5	89.3	49.7	0.00	0.00	0.00	19	5	-4	-7	-11
737	14	-39	14.42	61.7	100.26	103.44	19.5	89.3	49.7	0.00	0.00	0.00	18	17	-14	-3	-18
1487	12	949	14.45	178.0	99.59	113.08	19.2	89.3	49.7	0.00	0.00	0.00	24	17	-12	-19	-8
2535	17	1801	14.54	548.5	97.76	221.11	19.2	89.3	49.7	0.00	0.00	27.59	43	40	-7	-41	-30
2787	27	2048	14.48	534.7	97.88	212.36	19.2	89.3	49.7	0.00	0.00	27.14	39	37	-16	-33	-27
2260	35	1414	14.51	348.2	99.20	174.67	19.6	89.3	49.7	0.00	0.00	33.31	30	11	2	-29	-14
1979	37	1156	14.48	242.8	99.59	139.94	19.7	89.3	49.5	0.00	0.00	0.00	11	6	-3	-12	-4
1940	37	1165	14.22	226.6	100.00	131.47	19.8	89.3	49.4	0.00	0.00	0.00	13	7	-2	-14	-4
1932	37	1150	14.45	227.6	99.87	129.14	20.1	89.3	49.4	0.00	0.00	0.00	11	7	-2	-13	-3
1845	37	1079	14.10	210.8	100.00	125.33	20.2	89.3	49.2	0.00	0.00	0.00	9	9	-4	-10	-4
1456	36	618	14.54	136.8	100.12	111.62	20.2	89.5	49.2	0.00	0.00	0.00	1	1	0	-1	0
1283	33	450	14.42	113.0	100.12	106.66	20.3	89.5	49.2	0.00	0.00	0.00	1	1	-1	-1	0
1069	31	249	14.32	91.0	100.12	104.90	20.3	89.5	49.2	0.00	0.00	0.00	-1	1	1	-1	-2
841	28	43	14.48	71.8	100.12	103.73	20.3	89.5	49.2	0.00	0.00	0.00	1	6	7	-5	-2
795	22	7	14.42	67.5	100.26	103.16	20.3	89.5	49.2	0.00	0.00	0.00	7	5	-7	2	-7
1339	20	573	14.48	129.6	100.00	106.94	20.3	90.0	49.2	0.00	0.00	0.00	18	14	-17	-11	-6
778	20	24	14.48	66.1	100.12	106.66	20.2	90.0	49.2	0.00	0.00	0.00	8	10	2	7	-16
794	18	46	13.97	63.5	100.00	103.73	20.2	90.0	49.2	0.00	0.00	0.00	9	7	-6	-3	-8
1796	19	1097	14.60	224.3	99.73	127.40	20.2	90.0	49.5	0.00	0.00	0.00	21	15	-8	-18	-8
893	22	59	14.38	69.4	100.12	112.50	20.2	90.0	49.5	0.00	0.00	0.00	1	0	3	-2	-2
1412	22	410	14.35	124.5	100.26	112.50	20.0	90.0	49.5	0.00	0.00	0.00	9	10	-11	-6	5
1434	21	793	14.45	153.3	100.12	111.02	19.8	90.0	49.5	0.00	0.00	0.00	20	14	-13	-14	-7
2272	25	1552	14.48	401.8	98.55	179.36	19.7	90.0	49.7	0.00	0.00	31.88	39	25	-4	-40	-20
2691	31	2060	14.16	548.5	96.97	213.22	19.7	90.0	49.7	0.00	0.00	33.79	37	36	-14	-33	-27
2894	39	2132	14.45	566.0	97.09	211.47	20.1	90.0	49.7	0.00	0.00	36.88	35	36	-17	-33	-25
2147	43	1276	14.35	260.7	100.00	141.71	20.3	90.0	49.7	0.00	0.00	0.00	4	1	-5	-8	-2
1762	42	957	14.38	177.1	100.00	111.62	20.6	90.0	49.7	0.00	0.00	0.00	-1	1	0	-1	1
1908	40	1172	14.51	206.5	99.73	116.27	20.7	90.0	49.7	0.00	0.00	0.00	9	5	0	-12	-2
1987	39	1216	14.26	240.8	99.59	130.00	20.8	90.0	49.5	0.00	0.00	0.00	16	6	1	-17	-4
2068	39	1141	14.45	232.3	99.73	135.86	21.0	90.0	49.5	0.00	0.00	0.00	10	4	2	-15	-2

1456	38	618	14.42	134.6	100.00	110.16	21.0	89.6	49.5	0.00	0.00	0.00	0	1	-1	-1	1
1219	36	394	14.38	106.0	100.26	106.06	21.0	89.6	49.5	0.00	0.00	0.00	0	1	0	-1	-1
1064	32	267	14.35	90.5	100.26	104.62	21.0	89.6	49.5	0.00	0.00	0.00	3	2	-1	-1	-3
889	26	61	14.29	72.3	100.12	104.04	21.0	89.6	51.0	0.00	0.00	0.00	4	7	-5	-5	-4
801	23	7	14.35	66.5	100.26	103.44	20.8	89.6	49.7	0.00	0.00	0.00	4	7	-5	-1	-7
696	19	-50	14.29	59.2	100.26	103.16	20.8	89.4	49.7	0.00	0.00	0.00	16	5	-4	-3	-5
1274	17	541	14.51	123.8	100.00	106.94	20.8	89.4	49.7	0.00	0.00	0.00	21	13	-18	-10	-6
1359	18	579	13.94	131.5	100.12	112.50	20.7	89.4	49.7	0.00	0.00	0.00	19	14	-15	-11	-6
1757	19	1038	14.45	220.1	99.47	127.68	20.7	89.4	50.0	0.00	0.00	30.50	21	14	-10	-20	-6
2222	22	1642	14.45	406.6	98.01	185.19	20.7	89.4	50.0	0.00	0.00	32.66	42	31	-7	-42	-25
2821	30	1981	14.48	537.2	97.50	211.19	20.8	89.4	50.2	0.00	0.00	33.31	40	33	-14	-33	-24
2512	38	1498	14.22	389.2	99.20	188.41	21.2	89.4	50.2	0.00	0.00	35.34	21	11	-11	4	-25
2942	42	2196	14.45	561.5	97.23	208.57	21.5	89.5	50.2	0.00	0.00	0.00	32	40	-16	-32	-24
1456	44	431	14.32	119.6	100.26	118.93	22.2	89.5	50.2	0.00	0.00	0.00	1	4	2	-2	0
889	42	61	13.97	71.8	100.26	106.08	22.2	89.5	50.2	0.00	0.00	0.00	-2	1	1	0	-1
813	39	23	14.38	67.3	100.26	103.73	22.6	89.5	50.0	0.00	0.00	0.00	7	4	10	-6	5
823	37	26	14.51	61.7	100.12	103.16	22.7	89.5	50.0	0.00	0.00	0.00	-4	8	-16	9	-15
1526	36	707	14.29	148.8	100.12	112.19	22.7	90.0	50.0	0.00	0.00	0.00	15	13	-11	-13	-5
1431	35	356	14.45	121.8	100.26	114.25	22.7	90.0	50.0	0.00	0.00	0.00	7	9	-10	-8	0
820	34	84	14.32	69.6	100.26	105.19	22.7	90.0	50.0	0.00	0.00	0.00	7	4	-3	5	-8
801	33	64	14.32	71.0	100.12	106.08	22.7	90.3	50.0	0.00	0.00	0.00	8	8	-6	-3	-22
1409	31	707	14.38	148.3	99.87	112.19	22.7	90.3	50.2	0.00	0.00	0.00	20	16	-15	-13	-8
1875	32	1210	13.88	259.2	99.20	138.19	22.5	90.3	50.2	0.00	0.00	32.36	25	13	-5	-27	-5
2435	34	1715	14.48	443.3	98.01	198.33	22.3	90.3	50.2	0.00	0.00	34.11	37	30	-9	-36	-24
1999	38	832	14.32	200.1	100.00	146.94	22.3	90.3	50.4	0.00	0.00	0.00	-2	4	1	-3	0
2082	36	1503	14.35	300.6	99.33	137.30	22.3	90.3	50.4	0.00	0.00	28.98	30	15	5	-36	-14
2422	39	1714	14.48	430.6	98.29	192.99	22.3	90.3	50.4	0.00	0.00	35.18	31	30	-10	-30	-22
1672	40	849	14.35	172.6	100.12	122.43	22.3	90.3	50.4	0.00	0.00	0.00	-2	2	1	-1	-1
1829	38	816	14.38	175.3	99.87	121.83	22.5	90.3	50.4	0.00	0.00	0.00	0	-1	6	-2	-1
2460	37	1728	14.42	442.2	98.55	182.86	22.3	90.3	50.4	0.00	0.00	30.90	35	33	-8	-36	-24
2930	41	2022	14.35	548.5	99.47	210.02	22.3	90.3	50.4	0.00	0.00	0.00	25	29	-19	-24	-18
1738	41	926	14.35	176.5	99.87	115.12	22.7	90.0	50.2	0.00	0.00	0.00	1	4	-1	-1	-2
1402	34	514	14.26	123.5	100.12	108.41	22.7	90.0	50.2	0.00	0.00	0.00	-1	3	0	-1	-1
962	28	109	14.29	77.5	100.12	105.19	22.7	90.0	50.2	0.00	0.00	0.00	-2	1	2	0	-1
807	26	9	14.26	68.1	100.26	103.44	22.7	90.0	50.2	0.00	0.00	0.00	4	5	7	-8	-8
801	24	9	13.78	65.9	100.12	103.16	22.5	90.0	50.4	0.00	0.00	0.00	5	4	-1	4	-7
721	19	-57	14.48	57.7	100.26	103.15	22.5	90.0	50.4	0.00	0.00	0.00	13	7	-8	-4	-13
728	15	-16	14.32	59.9	100.12	103.44	22.3	90.0	50.5	0.00	0.00	0.00	18	11	-9	-3	-15
725	9	-34	14.22	61.7	100.12	103.44	22.3	90.0	50.7	0.00	0.00	0.00	19	22	-21	1	-21
782	5	0	14.35	66.8	100.12	104.04	22.2	90.0	50.7	0.00	0.00	0.00	17	18	-14	-1	-19
762	2	7	14.32	63.2	100.12	104.31	22.2	90.3	50.7	0.00	0.00	0.00	19	18	-21	5	-24
798	0	33	14.10	64.6	100.12	104.33	22.2	90.3	51.0	0.00	0.00	0.00	18	19	-16	-2	-18
1858	0	1313	14.42	283.5	98.94	142.57	22.2	90.3	51.0	0.00	0.00	32.54	29	15	-2	-30	-8
1637	10	885	14.32	192.3	99.87	131.47	22.1	90.3	51.0	0.00	0.00	0.00	21	15	-10	-17	-9
1691	14	867	14.35	192.8	99.87	128.69	22.0	90.3	51.0	0.00	0.00	0.00	17	14	-11	-14	-7
695	14	-92	14.19	58.9	100.12	107.23	21.7	90.3	51.0	0.00	0.00	0.00	14	12	-10	0	-16
1458	14	573	14.29	138.6	100.00	114.83	21.6	90.3	51.0	0.00	0.00	0.00	14	10	-10	-11	-3
1407	14	696	14.29	145.6	99.87	113.08	21.6	90.3	51.0	0.00	0.00	0.00	17	14	-13	-11	-8
1961	16	1447	14.29	293.7	98.94	143.74	21.5	90.3	51.0	0.00	0.00	28.30	31	15	-1	-32	-13
2994	26	2226	14.42	566.5	96.70	207.38	21.5	90.3	51.0	0.00	0.00	29.59	31	37	-16	-28	-25
3322	35	2670	14.42	633.7	96.05	214.61	21.5	90.3	51.0	0.00	0.00	31.32	24	36	-14	-30	-16
2408	39	1041	14.38	231.8	100.00	134.99	22.1	90.3	51.0	0.00	0.00	0.00	-1	6	-1	-2	3
1550	38	943	14.38	177.1	100.00	111.02	22.2	90.3	51.0	0.00	0.00	0.00	5	5	-4	-6	2
1400	35	573	14.38	126.5	100.00	107.52	22.3	90.3	50.9	0.00	0.00	0.00	0	2	0	-1	0
1083	30	242	14.32	89.5	100.00	105.19	22.6	90.3	50.9	0.00	0.00	0.00	2	1	0	0	-1
1877	28	1277	14.45	241.3	99.47	127.08	22.7	90.3	50.9	0.00	0.00	30.07	23	13	-4	-23	-6
2665	33	1854	14.07	516.4	97.50	218.47	22.7	90.0	50.9	0.00	0.00	30.25	36	29	-8	-32	-26
2651	38	1731	14.32	496.7	99.08	208.86	22.8	90.0	50.9	0.00	0.00	0.00	33	25	-11	-27	-19
1601	39	864	14.38	156.8	99.87	115.41	23.1	90.0	50.9	0.00	0.00	30.56	1	1	-1	0	1
2905	40	2192	14.38	550.5	97.76	212.92	23.2	90.0	50.9	0.00	0.00	28.26	32	40	-15	-33	-24
1885	44	1075	14.32	203.8	100.00	126.80	23.5	90.0	50.9	0.00	0.00	0.00	-2	3	1	-2	0
1756	42	948	14.26	175.0	100.00	111.62	23.7	90.0	50.9	0.00	0.00	0.00	-1	4	0	-3	0
1586	38	743	14.26	150.1	100.00	108.98	23.7	90.0	50.9	0.00	0.00	0.00	-1	2	0	-2	1
1197	31	304	14.22	99.0	100.26	106.66	23.7	90.0	50.9	0.00	0.00	0.00	1	0	-1	-1	1
817	23	33	14.35	68.0	100.26	104.31	23.7	90.0	50.9	0.00	0.00	0.00	3	9	-6	-2	-5
791	21	5	14.35	66.0	100.26	103.73	23.7	90.0	51.0	0.00	0.00	0.00	3	8	-6	-2	-4
734	18	259	14.32	73.4	100.00	103.16	23.6	90.0	51.0	0.00	0.00	0.00	23	9	5	-3	-24
1663	19	894	14.22	186.6	99.87	122.13	23.6	90.3	51.2	0.00	0.00	0.00	19	15	-11	-14	-9
1743	22	1132	14.32	217.8	99.59	130.30	23.5	90.3	51.4	0.00	0.00	27.54	24	14	-8	-22	-9
2529	27	1734	14.22	478.7	97.88	212.94	23.2	90.3	51.4	0.00	0.00	32.43	38	33	-10	-33	-24
2207	32	1408	14.38	331.7	99.08	171.47	23.3	90.3	51.5	0.00	0.00	40.00	31	12	5	-33	-15

2163	35	1389	14.29	334.2	98.94	166.22	23.5	90.3	51.5	0.00	0.00	40.00	31	12	4	-28	-16
2218	37	1410	14.29	315.7	99.47	162.13	23.5	90.3	51.5	0.00	0.00	40.00	29	10	3	-28	-13
2082	38	1184	13.94	253.5	99.87	144.91	23.7	90.3	51.5	0.00	0.00	0.00	11	4	2	-14	-3
1754	38	799	14.35	165.6	100.00	119.80	23.7	90.3	51.5	0.00	0.00	0.00	0	0	1	-1	-1
1419	36	607	14.29	129.6	100.00	107.83	23.7	90.3	51.5	0.00	0.00	0.00	0	1	0	-1	0
1269	34	460	14.32	113.5	100.12	105.77	23.7	90.0	51.5	0.00	0.00	0.00	0	2	-1	-1	0
1108	31	293	14.29	93.5	100.26	104.91	23.6	90.0	51.5	0.00	0.00	0.00	0	0	0	1	-1
1556	29	874	14.35	163.1	99.87	109.58	23.6	90.0	51.7	0.00	0.00	0.00	13	13	-10	-10	-6
1704	30	926	14.13	187.8	100.00	121.83	23.5	90.0	51.7	0.00	0.00	0.00	14	11	-8	-13	-5
1715	30	927	14.38	194.8	99.87	124.47	23.2	90.0	51.7	0.00	0.00	0.00	16	10	-7	-12	-5
1419	30	838	14.26	159.3	99.87	111.91	23.2	90.0	53.0	0.00	0.00	0.00	13	10	-9	-12	-5
1618	30	823	14.26	173.3	100.00	117.47	23.1	90.0	51.7	0.00	0.00	0.00	14	10	-6	-11	-7
1622	30	833	14.22	184.1	100.00	120.66	23.0	90.0	51.7	0.00	0.00	0.00	15	11	-8	-13	-7
973	29	164	14.19	80.9	100.12	106.94	22.7	90.0	51.7	0.00	0.00	0.00	4	4	0	-2	-8
847	25	50	14.22	68.5	100.12	104.33	22.7	90.0	51.7	0.00	0.00	0.00	4	8	-6	-1	-8
740	22	-66	14.13	60.2	100.12	103.73	22.5	90.0	51.7	0.00	0.00	0.00	13	8	-9	-3	-11
783	18	295	14.29	81.5	100.12	103.73	22.3	90.0	51.7	0.00	0.00	0.00	29	26	-26	-6	-48
1412	18	674	14.32	148.1	100.00	114.52	22.3	90.0	52.0	0.00	0.00	0.00	21	18	-15	-14	-10
1993	20	1300	14.19	299.5	98.94	152.50	22.3	90.6	52.0	0.00	0.00	33.75	33	13	0	-37	-9
2552	25	1954	14.32	530.9	97.36	220.24	22.3	90.0	52.0	0.00	0.00	31.40	39	38	-16	-34	-28
1672	31	554	14.35	145.6	100.12	130.60	22.3	92.5	52.0	0.00	0.00	0.00	0	6	1	-3	-3
1071	30	245	13.97	90.0	100.12	106.94	22.3	90.0	52.0	0.00	0.00	0.00	1	1	0	1	-2
1425	29	390	14.26	110.8	100.26	110.16	22.3	90.0	52.0	0.00	0.00	0.00	1	4	3	-4	0
865	28	90	14.29	70.0	100.26	104.91	22.3	90.0	52.0	0.00	0.00	0.00	-1	1	0	1	-1
823	26	44	14.26	66.5	100.26	103.44	22.3	90.3	52.0	0.00	0.00	0.00	0	3	-10	7	0
777	23	7	14.35	63.7	100.26	103.16	22.5	90.3	52.0	0.00	0.00	0.00	5	5	-6	1	-5
746	19	-21	14.32	62.5	100.26	103.15	22.6	90.3	52.0	0.00	0.00	0.00	11	10	-6	-2	-11
733	14	-57	14.38	57.5	100.26	103.16	22.6	90.3	52.0	0.00	0.00	0.00	17	10	-7	-5	-12
739	10	7	14.13	61.5	100.26	103.73	22.6	90.3	52.0	0.00	0.00	0.00	18	20	-16	-2	-19
828	9	34	14.29	69.8	100.12	104.04	22.7	90.3	52.0	0.00	0.00	0.00	14	15	-13	-2	-15
708	7	-43	14.26	57.2	100.26	104.33	22.7	90.3	52.0	0.00	0.00	0.00	20	20	-14	-6	-13
752	5	-29	14.32	65.1	100.12	104.33	22.7	90.6	52.0	0.00	0.00	0.00	19	24	-25	4	-25
754	3	-18	14.22	64.1	100.26	104.62	22.7	90.6	52.0	0.00	0.00	0.00	20	25	-26	5	-24
810	0	104	14.26	69.9	100.12	105.19	22.7	90.6	52.0	0.00	0.00	0.00	23	29	-21	-1	-28
757	0	-77	14.42	61.7	100.12	105.19	22.5	90.6	52.0	0.00	0.00	0.00	18	20	-15	-1	-22
872	0	111	14.35	77.8	100.12	105.19	22.5	90.6	52.0	0.00	0.00	0.00	16	19	-13	0	-19
779	0	260	14.22	82.9	100.12	106.06	22.5	90.6	52.0	0.00	0.00	0.00	49	17	16	-3	-20
1906	0	1188	14.26	275.8	99.47	141.99	22.3	90.6	52.0	0.00	0.00	31.73	25	11	-4	-27	-4
1520	12	221	13.78	113.0	100.12	137.32	22.3	90.6	52.0	0.00	0.00	0.00	0	2	3	-5	-1
700	12	-21	14.29	58.2	100.26	107.23	22.3	91.0	52.0	0.00	0.00	0.00	23	12	-13	-4	-13
816	9	-3	14.16	64.5	100.12	104.62	22.3	90.8	52.0	0.00	0.00	0.00	12	13	-10	1	-16
711	4	-23	14.19	62.9	100.26	104.04	22.2	90.8	52.0	0.00	0.00	0.00	22	19	-18	1	-24
756	2	-26	14.22	62.5	100.12	104.33	22.2	90.8	52.0	0.00	0.00	0.00	18	19	-15	-2	-20
767	0	-24	14.26	61.2	100.12	104.33	22.2	90.8	52.0	0.00	0.00	0.00	20	22	-18	0	-21
837	0	50	14.16	66.5	100.12	104.62	22.2	90.8	52.0	0.00	0.00	0.00	17	18	-15	-2	-21
1340	0	577	14.26	130.1	100.12	109.58	22.2	90.8	52.0	0.00	0.00	0.00	22	18	-18	-14	-4
651	0	-74	14.29	56.7	100.12	105.77	22.2	90.8	52.0	0.00	0.00	0.00	28	17	-11	14	6
753	3	-22	14.32	63.9	100.12	104.33	22.2	91.0	52.0	0.00	0.00	0.00	18	20	-21	5	-22
795	2	34	13.94	65.1	100.12	104.62	22.2	91.0	52.0	0.00	0.00	0.00	17	18	-15	-2	-18
766	0	-89	14.26	59.7	100.12	104.90	22.2	91.0	52.0	0.00	0.00	0.00	21	20	-21	-3	-22
990	0	144	14.19	77.9	100.26	106.66	22.2	91.0	52.2	0.00	0.00	0.00	17	9	-5	-1	-22
821	0	37	14.29	71.8	100.12	105.48	22.2	91.0	52.2	0.00	0.00	0.00	15	19	-14	-2	-18
790	0	-2	14.32	68.4	100.12	104.90	22.2	91.0	52.2	0.00	0.00	0.00	18	20	-16	-2	-21
727	0	4	14.10	61.2	100.12	104.33	22.1	91.0	52.2	0.00	0.00	0.00	21	22	-20	0	-23
831	0	60	14.19	67.0	100.12	104.33	22.1	91.5	52.2	0.00	0.00	0.00	16	19	-13	-3	-19
759	0	0	14.22	60.5	100.12	104.33	22.1	91.5	52.2	0.00	0.00	0.00	19	18	-17	-2	-19
818	0	29	14.19	70.1	100.26	104.61	22.1	91.5	52.5	0.00	0.00	0.00	15	21	-17	-1	-17
821	0	30	14.19	68.0	100.12	104.90	22.1	91.5	52.5	0.00	0.00	0.00	17	16	-13	-2	-19
810	0	3	14.19	67.0	100.26	104.61	22.1	93.8	52.5	0.00	0.00	0.00	17	17	-15	-2	-20
752	0	28	14.19	63.5	100.12	104.31	22.1	91.5	52.5	0.00	0.00	0.00	18	21	-22	3	-23
809	0	22	14.22	69.1	100.12	104.62	22.1	91.5	52.5	0.00	0.00	0.00	17	17	-13	1	-19
795	0	-4	14.32	66.8	100.12	104.72	22.1	91.5	52.5	0.00	0.00	0.00	17	16	-13	-2	-18
732	0	-16	14.10	58.2	100.26	104.04	22.1	91.5	52.5	0.00	0.00	0.00	22	25	-25	0	-24
976	0	139	14.19	77.9	100.12	106.66	22.1	91.5	52.5	0.00	0.00	0.00	22	6	-5	1	-20
788	0	-7	14.16	69.8	100.26	105.48	22.1	91.5	52.5	0.00	0.00	0.00	18	18	-16	-2	-20
771	0	-27	14.35	64.5	100.26	104.61	22.1	91.5	52.5	0.00	0.00	0.00	17	18	-16	-1	-18
792	0	53	14.10	65.5	100.12	104.33	22.1	91.9	52.5	0.00	0.00	0.00	19	26	-20	4	-23
806	0	99	14.13	73.4	100.26	104.90	22.1	91.5	52.5	0.00	0.00	0.00	19	18	-14	-5	-23
902	0	16	14.10	70.5	100.12	105.19	22.1	91.5	52.5	0.00	0.00	0.00	13	15	-11	0	-17
787	0	39	14.32	65.0	100.12	104.61	22.1	91.5	52.5	0.00	0.00	0.00	17	19	-16	-1	-21
799	0	46	14.10	64.0	100.12	104.04	22.1	91.5	52.5	0.00	0.00	0.00	17	18	-18	4	-22

796	0	27	14.10	64.5	100.26	104.61	22.1	91.5	52.5	0.00	0.00	0.00	17	18	-16	0	-18
819	0	47	14.16	67.9	100.26	104.33	22.1	91.5	52.7	0.00	0.00	0.00	17	18	-15	0	-19
813	0	7	14.22	62.5	100.26	104.33	22.2	91.9	52.7	0.00	0.00	0.00	17	16	-14	-3	-17
747	0	-15	14.22	67.5	100.26	104.04	22.2	91.9	52.7	0.00	0.00	0.00	20	23	-24	4	-24
768	0	-2	14.10	66.1	100.12	104.33	22.2	91.5	52.9	0.00	0.00	0.00	15	24	-24	3	-18
769	0	-57	14.35	63.7	100.26	104.62	22.2	91.9	52.9	0.00	0.00	0.00	18	20	-13	-3	-22
840	0	61	14.32	69.1	100.12	104.90	22.2	91.9	52.9	0.00	0.00	0.00	16	17	-20	3	-16
840	0	152	14.10	72.3	100.26	104.61	22.2	91.9	52.9	0.00	0.00	0.00	18	16	-12	-2	-20
996	0	285	14.13	85.6	100.12	104.73	22.2	91.5	53.0	0.00	0.00	0.00	12	8	-5	-1	-14
744	0	17	14.22	59.9	100.12	103.44	22.2	91.9	53.0	0.00	0.00	0.00	15	14	-13	0	-18
791	0	30	13.69	63.2	100.12	103.44	22.2	91.9	53.0	0.00	0.00	0.00	11	9	-9	1	-12
737	0	-31	14.10	60.9	100.12	103.16	22.2	91.9	53.0	0.00	0.00	0.00	14	12	-8	-5	-15
759	0	-7	14.03	60.0	100.12	103.16	22.2	91.9	53.2	0.00	0.00	0.00	16	7	-6	-3	-12
751	0	7	14.03	63.9	100.26	103.16	22.2	91.5	53.2	0.00	0.00	0.00	17	7	-5	-6	-13
716	0	-6	14.10	58.0	100.26	103.44	22.2	91.9	53.2	0.00	0.00	0.00	20	14	-4	-10	-12
750	0	1	14.13	65.1	100.12	103.44	22.2	91.9	53.2	0.00	0.00	0.00	15	16	-12	0	-18
779	0	9	14.00	65.1	100.12	103.73	22.3	91.5	53.2	0.00	0.00	0.00	14	15	-12	-2	-15
757	0	-15	14.16	60.9	100.26	104.02	22.3	91.9	53.2	0.00	0.00	0.00	17	18	-15	0	-21
807	0	34	14.07	67.9	100.26	104.02	22.3	91.5	53.2	0.00	0.00	0.00	16	16	-14	-1	-15
769	0	-34	14.10	63.5	100.12	104.02	22.3	91.5	53.2	0.00	0.00	0.00	14	14	-13	-2	-14
780	0	34	14.22	65.5	100.12	104.02	22.3	91.5	53.2	0.00	0.00	0.00	16	18	-15	2	-19
828	0	50	14.26	65.9	100.26	104.04	22.6	91.5	53.2	0.00	0.00	0.00	13	15	-12	0	-15
760	0	5	14.35	65.3	100.12	103.73	22.6	92.1	53.2	0.00	0.00	0.00	12	11	-11	3	-14
744	0	-33	14.19	60.2	100.12	103.16	22.7	91.5	53.2	0.00	0.00	0.00	12	9	-8	-1	-11
753	0	8	14.22	65.0	100.26	103.16	22.7	91.5	53.2	0.00	0.00	0.00	15	10	-9	-4	-13
774	0	4	14.19	62.9	100.26	103.16	22.7	91.5	53.2	0.00	0.00	0.00	10	10	-8	0	-12