

NANOCOM - TD5 INSTRUMENTS - TD5 ENGINE input file

Engine spe	Road speed	Coolant te	Turbo pres	Battery vol	Ambient p	Air flow (g	Air inlet te	Fuel temp.
1137	19	81.1	0.05	14.35	101.26	0	23.8	59.7
1101	18	81.1	0.03	14.38	101.26	0	23.7	59.7
964	16	81.5	0.03	14.38	101.48	0	23.7	59.7
831	14	81.3	0.02	14.48	101.58	0	23.6	60
719	12	81.3	0.02	13.65	101.26	0	23.5	60
787	12	81.5	0.04	14.48	101.48	0	23.5	60.2
987	16	81.5	0.09	14.35	101.26	0	23.3	60.2
1230	20	81.5	0.2	13.94	101.26	0	23.2	60.2
1468	25	81.5	0.24	14.57	101.16	0	23.2	60.2
1561	26	81.5	0.15	13.56	101.26	0	23.2	60.4
1607	27	81.5	0.15	13.78	101.26	0	23.2	60.2
1670	28	81.5	0.22	13.56	101.16	0	23	60.4
1734	29	81.8	0.17	14	101.05	0	23	60.4
1619	27	81.8	0.07	13.91	101.16	0	22.8	60.5
1326	23	81.8	0.05	14.1	101.26	0	22.7	60
934	16	81.8	0.03	14.13	101.48	0	22.7	60.5
761	13	81.8	0.03	14.48	101.37	0	22.5	60.7
767	13	81.8	0.05	14.16	101.37	0	22.3	60.7
1038	17	82	0.12	14.57	101.26	0	22.3	60.7
1296	22	81.9	0.17	14.1	101.26	0	22.3	60.7
1271	22	82	0.05	14.19	101.26	0	22.3	60.7
1137	19	81.9	0.04	14.13	101.48	0	22.3	60.9
717	12	81.9	0.03	13.91	101.48	0	22.2	60.9
716	5	82	0.02	13.91	101.37	0	22.2	60.9
724	3	82	0.02	14	101.58	0	22.2	61
736	2	82	0.02	14.03	101.48	0	22.2	61
704	2	82	0.02	14.19	101.37	0	22.2	61
798	2	82	0.03	14	101.26	0	22.2	61
742	0	82	0.03	14.19	101.26	0	22.2	61
746	0	82.5	0.03	14.48	101.37	0	22.2	61.2
757	0	82.5	0.03	14.57	101.37	0	22.2	61.2
1363	5	82.5	0.15	14.13	101.26	0	22.2	61.2
1532	14	82.5	0.27	14.19	100.95	0	22.2	61.4
2107	19	82.5	0.52	14.6	99.7	0	22.2	61.4
2095	24	82.6	0.23	14.48	100.95	0	22.2	61.4
1363	23	82.6	0.1	14	101.26	0	22.1	61.4
1563	26	82.6	0.4	13.78	100.33	0	22	61.5
2040	35	82.6	1.3	13.78	98.25	0	22	61.4
2628	45	82.6	1.32	13.31	96.26	0	22	61.4
3151	55	82.6	1.26	14.54	95.23	0	22.2	61.7
3599	62	82.6	1.27	14.64	93.98	0	22.8	61.7
4033	70	83	1.21	14.48	94.08	0	23.7	61.7
4098	74	83	0.68	14.29	98.98	0	24.7	61.7
3944	69	83.3	0.45	14.45	99.7	0	25.7	61.7
2393	66	83.5	0.24	14.42	100.84	0	26.7	62
2393	62	83.9	0.15	14.29	100.84	0	27.1	62
2231	59	84.1	0.13	14.29	100.84	0	27.2	62

2104	56	84.1	0.11	14.51	101.05	0	27.2	62
1994	52	84.1	0.09	14.32	100.95	0	27.2	62
1893	50	84.5	0.09	14.1	101.05	0	27.1	62.2
1793	47	84.5	0.08	14.35	101.16	0	26.8	62.2
1706	45	84.5	0.07	14.29	101.26	0	26.7	62
1610	42	84.8	0.06	14.48	101.37	0	26.3	62
1535	40	84.3	0.06	13.4	101.05	0	26.1	62
1521	40	84.8	0.1	14.35	101.16	0	25.8	62
1558	41	85	0.25	14.51	100.95	0	25.7	61.9
1642	44	84.9	0.32	14.42	100.84	0	25.5	61.9
1698	45	85	0.31	14.57	100.95	0	25.2	62.5
1720	46	84.9	0.19	14.35	101.16	0	25.1	61
1687	45	85	0.14	14.42	101.26	0	24.8	62
1635	44	84.9	0.12	14.54	101.26	0	24.7	62
1614	42	85	0.12	14.29	101.16	0	24.5	62
1579	41	85	0.12	14.48	101.16	0	24.2	61.9
1585	41	85	0.13	14.54	101.16	0	24.1	62
1543	40	85	0.11	14.35	101.16	0	23.8	62.2
1522	40	85	0.1	14.45	101.26	0	23.7	62.2
1472	39	85	0.08	13.56	101.16	0	23.6	62.2
1442	38	85.4	0.07	14.29	101.37	0	23.2	62.2
1409	37	85.1	0.08	13.72	101.26	0	23.2	62.2
1382	36	85.1	0.1	14.51	101.26	0	23.1	62.2
1381	36	85.1	0.11	14.42	101.26	0	23	64
1390	36	85.4	0.11	14.38	101.26	0	22.7	62.5
1413	37	85.1	0.15	14.73	101.16	0	22.6	62.5
1465	38	85.1	0.23	14.45	101.16	0	22.3	62.7
1502	40	85.4	0.19	14.45	101.05	0	22.2	62.7
1509	39	85.4	0.14	14.54	101.16	0	22.2	62.7
1547	40	85.1	0.26	14.51	100.95	0	22.1	62.7
1660	44	85.4	0.38	14.48	101.05	0	22.1	62.7
1706	45	85.4	0.28	13.59	100.75	0	22	62.9
1745	46	85.4	0.22	14.6	101.05	0	21.8	62.9
1750	46	85.4	0.2	14.67	101.05	0	21.7	63
1670	45	85.4	0.12	13.81	101.05	0	21.6	63
1673	44	85.4	0.11	14.6	101.26	0	21.5	63
1611	42	85.8	0.12	14.54	101.05	0	21.2	63
1597	42	85.8	0.13	14.6	101.16	0	21.2	63.2
1604	42	85.9	0.16	14.35	101.26	0	21.2	63.2
1616	42	85.9	0.19	14.64	101.16	0	21.1	63.2
1667	44	85.5	0.29	13.94	101.16	0	21	63.2
1686	45	85.5	0.18	14.7	101.05	0	21	63.4
1626	42	85.5	0.08	14.35	101.16	0	20.7	63.4
1540	40	85.8	0.06	14.51	101.26	0	20.7	63.4
1452	38	85.5	0.05	13.69	101.16	0	20.6	63.4
1373	36	85.5	0.05	14.64	101.37	0	20.6	63.4
1322	35	85.5	0.06	14.76	101.16	0	20.5	63.5
1309	34	85.8	0.06	14.26	101.26	0	20.3	63.5
1266	33	85.5	0.07	14.76	101.26	0	20.2	63.5
1242	33	85.5	0.07	14.07	101.37	0	20.2	63.5

1154	30	85.5	0.04	14.29	101.26	0	20.2	63.7
1071	28	85.5	0.03	14.13	101.37	0	20.2	63.7
985	26	85.5	0.03	14.26	101.48	0	20	63.7
898	23	85.5	0.03	14.22	101.16	0	20	63.7
828	22	85.5	0.02	14.38	101.48	0	19.8	63.7
757	19	85.1	0.02	14.22	101.37	0	19.8	64
716	16	85.1	0.02	14.6	101.26	0	19.8	63.9
723	12	85.4	0.02	14.1	101.37	0	19.7	63.9
729	6	85.1	0.02	13.97	101.48	0	19.7	64
730	4	85.4	0.02	14.35	101.48	0	19.8	64
734	3	85.4	0.02	13.94	101.48	0	19.8	64
739	2	85.1	0.02	14.51	101.26	0	19.7	64
737	1	85.1	0.02	14.1	101.48	0	19.7	64
741	1	85.1	0.02	14.48	101.48	0	19.7	64.1
733	1	85.1	0.02	14.07	101.48	0	19.7	64.1
733	0	85.1	0.03	14.13	101.37	0	19.7	64.1
722	0	84.9	0.03	14.03	101.48	0	19.7	64.1
778	0	85	0.02	14.1	101.37	0	19.7	64.3
760	0	87.9	0.03	14.38	101.48	0	19.7	64.3
824	0	85.9	0.05	14.19	101.37	0	19.7	64.3
1016	7	85.5	0.09	13.69	101.26	0	19.7	64.5
1573	15	85.1	0.21	14.1	100.65	0	19.7	64.5
1931	18	85.1	0.25	14.42	100.84	0	19.7	64.5
1295	19	85.1	0.09	14.42	101.16	0	19.7	64.5
1059	18	85.4	0.08	13.72	101.26	0	19.7	64.5
1306	22	85.1	0.25	14.51	100.95	0	19.6	64.6
1640	27	85.1	0.55	14.57	100.44	0	19.6	64.6
1972	34	85.4	0.54	14.64	100.54	0	19.5	64.6
2053	35	85.4	0.36	14.6	100.65	0	19.5	65
1978	35	85.1	0.18	14.19	100.95	0	19.5	65
1881	33	85.1	0.12	14.35	100.95	0	19.5	64.8
1772	30	85.1	0.11	14.45	101.16	0	19.3	64.8
1672	28	85.1	0.11	14.32	101.16	0	19.2	65
1622	27	85.4	0.12	14.13	101.16	0	19.2	65
1598	27	85.4	0.11	14.38	101.05	0	19.2	65
1539	26	85.4	0.1	14.22	101.05	0	19.1	65
1498	26	85.4	0.09	14.45	101.16	0	19.1	65
1389	24	85.4	0.07	14.83	101.16	0	19	65
1299	23	85.4	0.05	14.22	101.26	0	18.8	65
1188	20	85.4	0.04	14.7	101.26	0	18.8	65
1090	18	85.4	0.04	14.22	101.26	0	18.8	65
1054	17	85.1	0.05	14.38	101.37	0	18.8	66.9
1088	18	85.4	0.09	14.48	101.26	0	18.8	65
1252	20	85.1	0.15	14.54	101.16	0	18.6	65
1433	24	85.1	0.21	14.67	101.05	0	18.6	65
1597	27	85.1	0.2	14.48	101.16	0	18.6	65
1653	28	85.1	0.15	14.57	100.84	0	18.6	65
1645	28	85.1	0.13	14.13	101.05	0	18.5	65
1640	28	85.1	0.13	13.43	101.16	0	18.3	65
1661	28	85.1	0.14	13.4	100.84	0	18.3	65

1717	29	85.1	0.2	14.76	101.05	0	18.2	65
1796	30	85.4	0.21	14.48	100.84	0	18.2	65
1829	31	85.4	0.17	14.6	100.95	0	18.2	65.3
1713	29	85.4	0.08	14.38	100.95	0	18.2	65.3
1568	27	85.1	0.06	14.51	101.16	0	18.1	65.3
1373	23	85.4	0.05	14.26	101.16	0	18.1	65.3
909	19	85.1	0.04	14.38	101.16	0	18	65.3
717	14	85.1	0.03	14.13	101.48	0	17.8	65.3
722	11	85.1	0.02	14.76	101.16	0	17.8	65.3
754	11	84.9	0.02	14.48	101.48	0	17.8	65.3
703	9	84.9	0.03	13.62	101.26	0	17.8	65.3
798	12	85	0.04	14.1	101.37	0	18	65.3
910	15	85	0.06	14.19	101.16	0	18	65.3
1076	17	85	0.09	14.7	101.26	0	18	65.5
1233	20	84.9	0.12	13.72	101.26	0	18	65.5
1390	23	84.9	0.26	14.64	100.95	0	18	65.5
1702	29	85.4	0.48	13.53	100.44	0	18	65.4
1712	34	85.4	0.22	14.16	101.26	0	18	65.5
1191	31	85.1	0.07	14.51	101.37	0	18	65.5
1005	26	85.1	0.04	13.62	101.48	0	17.8	65.4
716	18	85.4	0.03	14.51	101.16	0	17.8	65.5
724	12	85.1	0.02	14.38	101.48	0	17.8	65.5
728	9	85.4	0.02	14.29	101.48	0	17.8	65.5
734	8	85.4	0.02	14.32	101.16	0	17.8	65.5
768	11	85.4	0.05	14.03	101.16	0	17.8	65.5
875	14	85.4	0.08	14.73	101.26	0	17.8	65.8
1132	18	85.4	0.18	14.64	101.16	0	17.8	65.8
1420	24	85.4	0.26	14.7	101.05	0	17.8	65.8
1631	27	85.4	0.25	14.57	101.05	0	17.8	65.8
1633	28	85.4	0.13	14.13	100.84	0	17.8	65.8
1606	27	85.8	0.08	14.38	101.16	0	17.7	65.8
1436	25	86	0.05	14.48	101.26	0	17.7	65.8
1111	18	86	0.04	14.29	101.37	0	17.7	66
934	16	85.9	0.03	14.42	101.37	0	17.7	65.9
869	14	86	0.03	14.54	101.48	0	17.7	65.9
877	14	85.9	0.06	14.13	101.16	0	17.6	65.9
1099	18	86	0.14	14.35	101.26	0	17.6	65.9
1382	23	86	0.3	14.51	100.84	0	17.6	66
1591	27	86	0.18	14.45	101.16	0	17.6	66.1
1560	27	86	0.1	13.78	101.26	0	17.6	66
1462	25	86	0.06	14.1	101.16	0	17.6	66
1331	23	86	0.05	13.88	101.26	0	17.5	65.6
1253	20	86	0.05	14.1	101.26	0	17.3	65.6
1235	20	85.9	0.07	14.26	101.26	0	17.3	66
1275	22	87.1	0.1	14.54	101.05	0	17.3	66
1471	25	87.9	0.27	14.67	101.05	0	17.2	66
1811	31	86.4	0.56	14.51	100.23	0	17.2	66
2069	36	86.4	0.55	14.7	100.01	0	17.2	66.1
2254	38	86.4	0.61	14.42	99.91	0	17.2	66.1
1967	39	86.4	0.23	14.26	101.16	0	17.3	66

1484	39	86.4	0.1	14.48	101.05	0	17.5	66.1
1471	38	86.4	0.16	14.42	101.05	0	17.5	66
1524	40	86.4	0.21	14.48	101.16	0	17.5	66
1594	42	86.4	0.31	14.6	101.05	0	17.5	66.1
1676	45	86.4	0.32	14.22	101.05	0	17.5	66
1727	46	86.4	0.31	14.67	100.84	0	17.5	66.1
1766	47	86.4	0.31	14.64	100.95	0	17.5	65.6
1784	47	86.4	0.27	14.64	100.95	0	17.5	66.3
1763	47	86.4	0.19	14.26	101.16	0	17.5	66.3
1691	45	86.4	0.11	14.38	101.16	0	17.5	66.3
1624	42	86.4	0.07	14.35	101.16	0	17.5	66.3
1528	40	86.4	0.05	13.97	101.26	0	17.3	66.3
1422	37	86.4	0.05	14.7	101.26	0	17.3	66.3
1351	36	86.4	0.05	14.32	101.26	0	17.2	66.3
1311	34	86.4	0.1	14.7	101.16	0	17.2	66.3
1404	37	86.4	0.34	14.64	101.05	0	17.2	66.3
1549	40	86.4	0.56	14.76	100.84	0	17.2	66.3
1730	46	86.4	0.9	14.67	99.91	0	17.2	66.3
1931	51	86.4	1.04	14.7	100.54	0	17.2	66.3
2028	53	86.4	0.47	14.57	100.65	0	17.3	66.3
2033	53	81	0.38	14.51	100.84	0	17.5	66.3
2027	53	86.3	0.35	14.51	100.75	0	17.7	66.3
2035	53	86.3	0.3	14.48	100.65	0	17.7	66.3
2018	53	86.3	0.32	13.81	100.84	0	17.7	66.3
2012	53	86.3	0.36	14.67	100.75	0	17.7	66.3
2046	53	86.3	0.5	14.07	100.23	0	17.7	66.3
2106	56	86.3	1.03	14	98.87	0	17.8	66.9
2298	60	86.3	1.15	14.42	99.4	0	18	66.4
2316	61	86.3	0.59	14.22	100.33	0	18.2	68.4
2239	60	86.3	0.33	14.29	100.75	0	18.6	68.4
1737	57	86.1	0.13	14.67	101.26	0	18.8	66.4
1008	55	86.1	0.06	13.5	101.26	0	18.8	66.4
2236	48	84.5	0.07	14.89	100.33	0	18.8	66.4
2726	46	85.8	0.66	14.45	97	0	18.8	66.3
2997	51	86	1.28	14.29	95.95	0	18.8	66.3
3439	59	84.9	1.26	13.91	92.73	0	19.1	66.3
3856	67	85.8	1.21	13.15	93.05	0	19.7	66.3
4232	73	85.8	1.18	14.26	91.8	0	20.8	66.3
4485	78	86	0.89	14.38	94.81	0	22.1	66.3
4280	79	86	0.68	13.62	97.62	0	23.2	66.3
3068	82	86	1.29	13.78	95.95	0	24.3	66.3
3236	85	86	1.28	14.73	95.12	0	25.2	66.3
3384	90	86.3	1.29	14.6	95.33	0	26.2	66.3
3520	94	85.9	1.3	14.7	94.7	0	27.1	65.9
3649	97	86.5	1.32	14.76	93.98	0	28	66
3759	101	86.5	1.3	13.37	94.3	0	28.8	66.1
3889	104	86.9	1.3	14.54	93.87	0	29.7	66.1
4030	107	87.1	1.3	13.53	94.4	0	30.7	66
3897	108	87.1	0.76	14.51	98.87	0	31.8	66
3739	101	87.1	0.58	14.29	99.29	0	32.7	66

3466	92	87.5	0.46	14.35	99.8	0	33.2	65.9
3225	85	87.5	0.38	14.32	100.12	0	33.4	65.9
3042	81	87.9	0.35	14.51	100.12	0	33.4	65.9
2909	78	87.9	0.41	14.7	100.01	0	33	67.1
2801	74	87.9	0.48	14.67	99.59	0	32.7	65.5
2748	73	87.9	0.93	13.37	98.66	0	32.4	65.5
2779	74	87.9	1.09	14.13	98.25	0	32	65.4
2819	74	87.5	0.86	14.54	99.08	0	31.7	65.4
2747	73	87.5	0.74	14.32	99.4	0	31.6	65.1
2725	72	87.5	0.83	14.42	99.29	0	31.3	65.1
2729	72	87.5	0.48	14.8	100.23	0	31.2	65
2585	69	87.5	0.35	14.73	100.44	0	31.1	65
2482	67	89	0.35	14.83	100.44	0	30.7	65
2361	62	87.5	0.29	14.19	100.65	0	30.6	65
2247	60	87.3	0.18	14.51	100.95	0	30.2	65
2072	55	87	0.14	14.22	100.84	0	29.7	65
1885	50	87.1	0.11	14.29	101.16	0	29.3	65
1732	46	87	0.1	14.51	101.05	0	29	65
1644	44	87	0.08	14.38	101.05	0	28.6	65
1561	41	87	0.07	14.35	101.05	0	28.1	65
1497	39	87	0.07	14.48	101.37	0	27.7	65
1152	38	87	0.06	14.6	101.26	0	27.3	65.5
710	33	87	0.04	14	101.16	0	27	65.1
727	27	86.6	0.03	14.07	101.26	0	26.7	65.1
707	22	86.6	0.03	14.38	101.16	0	26.3	65.1
717	15	86.6	0.02	14.32	101.48	0	26.2	65.3
723	7	86.4	0.02	14.42	101.26	0	26	65.3
727	4	86.5	0.02	14.26	101.37	0	25.7	65.3
732	2	86.4	0.02	14	101.48	0	25.6	65.3
740	2	86.4	0.02	14.38	101.26	0	25.3	65.3
771	0	86.4	0.03	14.19	101.48	0	25.2	65.3
752	0	86.5	0.03	14.22	101.37	0	25	65.5
762	0	86.4	0.03	13.88	101.37	0	24.8	65.5
761	0	86.4	0.03	14.32	101.26	0	24.7	65.5
739	0	86.5	0.03	13.97	101.16	0	24.5	65.5
857	0	86.5	0.05	14.48	101.26	0	24.3	65.5
862	0	86.5	0.05	14	101.26	0	24.2	65.5
834	0	86.5	0.04	14.26	101.16	0	24.1	65.5
1128	4	86.5	0.09	14.35	100.95	0	23.8	65.8
1401	12	86.5	0.26	14.6	100.84	0	23.7	65.8
2116	20	86.9	0.77	14.38	98.45	0	23.6	65.8
2984	29	86.9	1.2	14.48	95.86	0	23.3	66
3860	38	86.9	1.08	13.43	94.7	0	23.5	66
4481	45	86.9	0.84	14.48	98.45	0	23.8	66
2425	44	86.9	0.6	14.45	98.15	0	24.3	66
2921	50	86.9	1.3	14.48	96.26	0	24.8	66.1
3381	58	86.9	1.29	13.4	95.23	0	25.3	66.5
3798	66	86.6	1.27	14.35	93.87	0	26.1	66.3
4182	72	86.6	1.23	13.72	94.3	0	27	66.3
4462	78	86.6	0.98	14.67	95.75	0	28.1	66.3

4580	80	89	0.89	14.73	96.06	0	29.2	66
4626	81	89	0.99	14.48	98.15	0	30.2	66.1
2958	79	86.6	0.87	14.51	96.79	0	31.1	66.1
3100	82	86.6	1.3	14.57	96.69	0	31.6	66.1
3265	86	86.6	1.29	14	96.06	0	32.2	66.1
3399	91	86.9	1.31	14.7	95.86	0	32.7	66.1
3545	94	86.9	1.32	14.45	95.01	0	33.2	66.1
3662	97	87.1	1.34	14.64	94.91	0	33.9	66.1
3790	101	87.5	1.32	14.67	94.81	0	34.4	66.1
3905	104	87.5	1.29	13.72	94.3	0	35.2	66.1
4010	107	88.8	1.31	14.07	94.7	0	35.7	66
4092	110	88	1.25	14.73	94.19	0	36.5	66
4207	112	88	1.29	14.1	94.3	0	37.4	65.9
4305	115	88.5	1.25	14.03	94.7	0	38.2	65.9
4364	116	88.5	1.18	13.72	95.12	0	39	65.6
4399	117	88.5	1.08	14.35	94.7	0	39.7	65.6
4413	118	88.8	1.08	14.35	95.86	0	40.5	65.6
4420	118	88.8	1.05	14.38	96.06	0	41	65.5
4442	118	85.9	1.06	14.51	96.06	0	41.4	65.5
4443	118	88.8	1.07	14.57	95.75	0	41.7	65.4
3478	115	88.8	1.29	14.35	97	0	41.7	65.1
3142	117	88.5	1.33	14.19	97	0	42	65.1
3166	117	88.5	1.3	13.4	97.2	0	42	65.1
3169	118	88.5	1.31	14.22	97.2	0	42.2	65
3183	118	88.5	1.31	13.62	97	0	42.2	64.8
3188	118	88.5	1.32	14.03	95.95	0	42.2	64.8
3184	118	88.5	1.31	14.32	97.11	0	42.2	64.8
3184	118	88.8	1.32	14.64	97.11	0	42.2	64.8
3183	118	88.8	1.32	14.67	97.11	0	42.2	64.5
3170	117	89	1.32	14.7	97	0	42.2	64.4
3162	117	88.9	1.31	14.45	97	0	42.2	64.4
3172	118	89	1.31	14.42	96.9	0	42.5	64.4
3177	118	88.9	1.32	13.31	96.9	0	42.5	64.3
3188	118	89	1.32	14.35	96.79	0	42.5	64
3200	119	89.3	1.32	14.38	96.79	0	42.5	64
3210	121	89	1.33	14.51	96.69	0	42.5	63.9
3223	121	88.9	1.33	13.56	96.58	0	42.7	64
3244	121	89	1.33	14.26	96.48	0	42.7	63.9
3254	122	88.9	0.97	14.42	97.2	0	42.7	63.9
3207	119	88.9	0.71	14.35	99.4	0	42.7	63.7
3019	113	88.9	0.49	14.29	99.91	0	42.7	63.7
2863	107	88.9	0.41	14.45	100.01	0	42.2	63.7
2733	102	88.9	0.35	14.42	100.12	0	41.7	63.7
2608	97	88.9	0.31	14.16	100.33	0	41.2	63.7
2510	93	88.5	0.28	14.07	100.44	0	40.4	63.7
2423	90	88.5	0.26	14.32	100.54	0	39.7	64.1
2343	86	88.3	0.24	14.16	100.54	0	39	63.5
2285	85	88	0.27	14.32	100.54	0	38.5	63.5
2251	83	87.5	0.45	14.57	100.33	0	37.7	63.5
2210	82	87.5	0.29	14	100.54	0	37.2	63.4

2161	81	87.3	0.21	14.54	100.75	0	36.5	63.4
2106	79	87.3	0.17	14.03	100.75	0	36	63.4
2050	75	86.6	0.17	14.48	100.84	0	35.4	63.4
1999	74	86.6	0.15	14.26	100.75	0	34.7	63.4
1957	72	86.4	0.14	14.26	100.95	0	34.2	63.4
1898	70	85.9	0.14	14.6	100.75	0	33.7	63.4
1822	68	85.9	0.12	14.29	100.75	0	33.2	63.4
1685	62	85.9	0.11	14	100.95	0	32.7	63.4
1523	57	85.9	0.1	14.38	101.05	0	32.2	63.4
866	47	85.9	0.06	14.45	101.26	0	31.8	63.4
1428	36	85.9	0.05	14.19	101.05	0	31.3	63.5
834	26	85.5	0.05	13.97	101.26	0	31.1	63.5
715	13	85.1	0.03	14.13	100.95	0	30.7	63.5
723	8	85.4	0.03	14.48	101.05	0	30.6	63.7
913	7	85.1	0.03	14.35	101.26	0	30.3	63.7
963	8	85.1	0.07	14.51	100.95	0	30.1	63.7
1577	15	85.1	0.35	14.57	99.91	0	29.8	64
2487	24	85.1	1.24	14.26	96.37	0	29.7	64
2428	30	85.1	0.4	14.48	100.65	0	29.5	64.1
1774	29	85.4	0.28	14.51	100.65	0	29.3	64.1
1875	33	85.4	0.52	13.59	100.12	0	29.2	65.3
2044	35	85.4	0.47	14.54	100.33	0	29.1	64.4
2081	36	85.8	0.45	14.51	100.44	0	29	64.4
2117	36	85.8	0.41	13.43	100.33	0	28.7	64.5
2115	36	85.8	0.37	13.88	100.23	0	28.7	64.5
2149	37	85.8	0.41	14.35	100.12	0	28.5	64.4
2189	37	86	0.42	14.51	100.12	0	28.2	64.5
2226	38	86	0.45	13.78	100.23	0	28	64.5
2267	39	86	0.45	14.22	99.91	0	27.8	64.5
2319	40	86	0.5	14.26	99.91	0	27.7	64.5
2352	40	86.3	0.43	14.35	99.59	0	27.6	64.6
2389	41	86.1	0.47	14.38	99.8	0	27.5	64.5
2373	40	86.1	0.38	14.45	99.91	0	27.3	64.6
2370	40	85.9	0.48	14.35	99.91	0	27.2	64.5
2417	41	85.9	0.62	14.19	98.66	0	27.1	64.6
2557	44	85.9	0.87	14.54	98.45	0	27.1	64.6
2674	46	85.9	0.94	14.48	97.62	0	27.1	64.6
2828	49	85.5	1.17	14.45	96.9	0	27.1	64.6
2894	49	85.8	0.57	14.48	99.08	0	27.2	64.6
2643	46	85.5	0.38	13.62	99.8	0	27.5	65
2541	44	85.5	0.34	14.22	100.12	0	27.6	64.8
2386	41	85.5	0.3	14.7	100.33	0	27.7	65
2206	39	85.5	0.43	14.54	99.59	0	27.7	65
2339	40	85.5	0.91	14	97.62	0	27.6	65
2586	45	85.8	1.22	14.67	97.94	0	27.6	65
2836	49	85.8	1.28	14.42	95.12	0	27.7	65
3246	57	85.1	1.24	14.54	93.45	0	28	65
3644	63	85.8	1.27	14.67	92.62	0	28.6	65
3982	69	85.8	1.22	13.85	92.11	0	29.2	65
4326	75	86.1	1.13	14.67	93.36	0	30.2	65

4530	79	86.3	0.92	14.51	94.81	0	31.6	65
4605	80	86.3	0.9	14.64	94.3	0	32.5	65
4032	80	86.3	0.64	14.64	98.98	0	33.5	65
2893	78	86.5	0.56	14.67	98.25	0	34	65
2870	77	86.9	1.14	14.38	97.11	0	34.4	65
2876	77	86.6	0.92	13.24	97.62	0	34.5	65
2851	75	86.6	0.98	14	96.69	0	34.7	65
2835	75	86.9	1.11	14.38	96.69	0	34.9	65.5
2870	77	86.9	1.29	13.34	95.33	0	35	65.4
2958	79	86.9	0.94	14.51	97.11	0	35.2	65.4
2892	78	86.9	0.64	14.67	98.76	0	35.2	65.1
2870	75	86.9	0.63	14.29	98.55	0	35.4	65.1
2792	74	86.9	0.69	14.7	98.25	0	35.2	65.3
2780	74	86.9	0.8	14.35	97.73	0	35.2	65.1
2794	74	86.9	0.9	14.32	97.51	0	35	65.1
2836	75	86.6	1.05	14.6	96.16	0	35	65
2916	78	87.1	1.17	14.32	95.86	0	34.7	65
3053	81	87.5	1.14	14.48	96.26	0	34.9	65
3183	84	87.3	0.96	14.54	98.98	0	35	65
2288	84	87.5	0.32	14.22	100.33	0	35.2	65
2290	84	87.9	1.12	13.46	97.94	0	35.2	65.3
2393	89	87.5	1.3	14.67	98.04	0	35	65.1
2519	94	87.5	1.08	13.5	98.76	0	35	65.1
2628	97	87.5	1.3	14.6	97.51	0	35.2	65.3
2749	102	87.5	1.3	14.57	96.69	0	35.2	65.1
2860	106	87.9	1.14	14.32	97.41	0	35.4	65.3
2946	110	87.9	1.1	14.64	98.25	0	35.5	65.3
2949	110	87.9	0.52	14.38	100.12	0	35.7	65.3
2880	107	87.9	0.33	14.35	100.33	0	35.7	65.3
2821	105	88.5	0.29	14.54	100.33	0	35.7	65.3
2749	103	88.5	0.33	13.85	100.12	0	35.5	65.3
2714	101	88.5	0.35	14.32	100.12	0	35.2	65.1
2659	99	88.5	0.32	13.75	100.12	0	34.7	65.5
2606	96	88.5	0.29	14.29	100.33	0	34.2	65.5
2552	95	88.3	0.31	14.73	100.33	0	33.9	65.5
2528	94	88.3	0.41	14.76	100.01	0	33.4	65.4
2496	93	88	0.57	14.57	99.59	0	32.9	65.5
2487	93	88	0.71	14.57	99.08	0	32.5	65.5
2478	92	87.5	0.77	14.26	99.08	0	32.2	65.5
2466	92	87.5	0.79	14.6	99.4	0	31.8	65.5
2473	91	87.3	0.89	13.94	98.36	0	31.6	65.5
2487	93	87	1.17	13.18	98.66	0	31.3	65.5
2508	93	87	0.82	14.51	99.08	0	31.3	65.5
2483	93	87.5	0.65	14.29	99.5	0	31.2	65.5
2465	92	87	0.62	14	99.59	0	31.2	65.5
2435	91	87	0.63	14.45	99.5	0	31.2	65.8
2414	91	87.1	0.66	13.72	99.59	0	31.1	65.8
2425	90	87.5	0.81	13.59	98.87	0	30.8	65.8
2420	91	87.5	1.01	14.42	98.15	0	30.7	65.8
2431	91	86.4	0.9	14.03	98.98	0	30.7	65.6

2434	91	86.9	0.77	14.57	99.4	0	30.7	65.8
2438	90	86.9	0.7	14.26	99.08	0	30.7	66
2409	90	86.9	0.67	13.94	99.59	0	30.7	66
2407	90	86.9	0.67	14.32	99.4	0	30.7	66
2402	90	86.9	0.83	13.34	98.87	0	30.6	66
2426	90	86.9	0.93	14.64	98.98	0	30.5	66
2445	90	86.9	0.77	13.97	99.4	0	30.5	66
2424	90	86.9	0.7	14.54	99.59	0	30.5	66
2407	90	86.9	0.65	14.57	22.97	0	30.5	66
2396	90	88.8	0.64	14.35	99.8	0	30.3	66.1
2393	89	88.8	0.68	14.29	99.29	0	30.2	66.1
2383	89	86.6	0.66	14.26	99.59	0	30.2	66.1
2383	89	87.1	0.66	14.64	99.8	0	30	66
2392	89	87	0.67	14.64	99.59	0	29.8	66.1
2390	89	187.8	0.82	14.1	99.5	0	-66.5	-273.2
2408	90	87	0.87	14.57	98.66	0	29.7	66
2450	91	86.6	1.17	14.67	97.62	0	29.7	66
2527	94	86.9	1.1	14.86	97.94	0	29.7	66
2565	95	86.9	0.87	14.64	99.4	0	29.7	65.4
2544	95	86.9	0.66	13.62	99.4	0	30.1	66
2522	94	86.9	0.67	14	99.59	0	30.2	66
2523	94	87.1	0.72	14.42	99.08	0	30.2	66
2503	93	86.6	0.78	14.19	99.4	0	30.2	66
2499	93	86.9	0.86	14.48	98.55	0	30.2	66.1
2500	93	86.9	0.88	14.57	98.66	0	30.2	66
2502	93	86.9	0.82	13.94	99.4	0	30.2	66
2503	93	87.1	0.81	13.94	98.98	0	30.2	66
2493	93	87	0.81	14.42	98.76	0	30.2	66
2493	93	87	0.81	14.48	98.87	0	30.2	66.6
2493	93	87	0.81	14.48	99.4	0	30.2	66
2479	93	87	0.82	14.7	98.87	0	30.2	65.9
2480	92	87.1	0.82	13.62	98.76	0	30.2	66
2486	92	87.1	0.81	14.51	98.87	0	30.2	66
2477	93	87.1	0.84	14.57	98.76	0	30.2	66
2475	92	87	0.85	14.13	98.87	0	30.2	66
2514	93	87.1	1.21	13.24	96.9	0	30.2	65.9
2559	95	87	1.24	13.88	98.04	0	30.2	66
2589	96	87.1	0.94	13.56	98.55	0	30.5	66
2567	95	85.5	0.69	13.94	99.4	0	30.7	66
2522	94	87.1	0.62	14.51	99.5	0	30.7	65.9
2517	94	87.1	0.61	14.54	99.8	0	30.8	65.9
2480	92	87.5	0.56	14.16	99.91	0	30.7	65.9
2446	91	89	0.58	14.6	100.12	0	30.7	65.9
2422	90	87	0.63	13.56	99.7	0	30.6	65.9
2411	90	87.1	0.76	14.6	99.59	0	30.3	65.1
2448	91	87.5	1.25	14.57	98.25	0	30.2	65.8
2527	94	87.3	1.31	14.67	97.41	0	30.2	65.8
2627	97	87.3	1.2	14.7	98.15	0	30.2	65.8
2670	101	89	0.96	14.7	99.08	0	30.5	66
2681	100	87.3	0.72	14.76	99.4	0	30.7	65.9

2649	99	87.5	0.95	14.32	98.98	0	30.8	66.6
2638	99	87.5	0.99	14.7	98.15	0	31	65.6
2678	100	87.3	1.3	14.19	96.26	0	31.2	65.6
2747	102	87.5	1.3	14.6	96.06	0	31.3	65.8
2824	106	87.5	1.25	14.42	96.69	0	31.6	65.6
2913	108	87.5	1.14	14.35	98.45	0	32	65.8
2873	108	87.9	0.69	14.54	99.8	0	32.4	65.6
2831	106	87.5	0.58	14.64	99.7	0	32.7	65.6
2761	103	87.9	0.75	14.64	99.5	0	32.7	65.6
2771	103	88.1	1.26	14.38	98.04	0	32.7	65.6
2785	104	88.5	0.9	13.56	99.91	0	32.7	65.5
2715	101	88	0.41	14.57	100.33	0	32.9	65.5
2626	97	88.1	0.29	14.35	100.54	0	32.9	65.5
2541	94	88.1	0.27	14.42	100.65	0	32.7	65.5
2466	92	88	0.37	14.57	100.12	0	32.5	65.5
2431	91	88.1	0.86	14.42	99.4	0	32.2	65.4
2464	91	88	1.21	14.51	98.76	0	32	65.4
2467	92	88	1.22	14.32	97.94	0	31.7	65.4
2487	93	87.5	0.99	14.29	99.5	0	31.7	65.1
2469	92	87.5	0.73	14.03	99.8	0	31.7	65.3
2463	91	87.9	0.68	14.51	100.01	0	31.7	65.3
2402	90	87.3	0.71	14.7	99.5	0	31.7	65.3
2408	90	87.5	0.96	14.54	99.19	0	31.7	65.3
2408	90	87.3	0.91	14.64	99.7	0	31.6	65.3
2351	89	87.3	0.43	14.8	100.65	0	31.6	65.1
2310	86	87.3	0.42	14.45	100.44	0	31.3	65.1
2287	85	87.3	0.53	14.6	100.12	0	31.2	65.1
2247	83	87.3	0.42	14.57	100.54	0	31	65.1
2191	82	87.5	0.25	14.22	100.95	0	30.7	67.8
2134	79	87.3	0.15	14.22	100.95	0	30.6	65.4
2059	77	87.3	0.12	14.6	101.05	0	30.2	65.4
1978	73	87.3	0.12	14.07	101.16	0	29.8	65.1
1904	71	87.3	0.11	14.07	101.05	0	29.5	65.3
1834	68	87.3	0.1	14.29	100.95	0	29.2	65.8
1774	66	87.3	0.09	14.45	101.16	0	28.8	65.1
1715	63	87	0.08	14.22	101.05	0	28.6	65.1
1645	61	87	0.08	14.38	101.05	0	28.1	65.3
1549	58	87	0.07	14.19	101.26	0	27.7	65.3
918	49	87	0.05	13.97	101.26	0	27.5	65.1
718	41	87	0.03	14.35	101.26	0	27.2	65.3
1170	31	86.6	0.03	13.97	101.16	0	27	65.3
702	22	86.6	0.03	14.1	101.16	0	26.7	65.3
720	15	86.6	0.03	14.64	101.48	0	26.5	65.3
756	13	86.6	0.03	13.59	101.48	0	26.3	65.3
900	14	88.1	0.07	14.86	101.26	0	26.2	65.3
1113	18	88.1	0.17	14.76	101.16	0	26.1	64.4
1418	24	86.6	0.42	13.94	100.75	0	25.8	66.1
1897	33	86.6	1.19	14.54	98.76	0	25.7	65.5
2520	42	86.6	1.32	14.48	97.41	0	25.7	65.4
3087	53	86.6	1.27	13.69	95.23	0	25.7	65.4

3594	62	86.9	1.27	14.54	92.94	0	26	65.4
4061	70	87.1	1.24	13.75	92.41	0	26.7	65.5
4465	78	87	0.89	14.26	98.25	0	27.6	66.3
2894	78	87.1	0.42	14.19	100.23	0	28.7	65.4
2818	74	87.1	0.29	14.32	100.23	0	29.3	65.5
2706	72	87.5	0.25	14.42	100.54	0	29.7	65.5
2616	69	87.5	0.22	14.19	100.44	0	29.7	65.5
2514	67	87.5	0.2	14.19	100.54	0	29.7	65.5
2409	63	87.5	0.18	14.32	100.65	0	29.6	65.5
2316	61	87.3	0.17	14.45	100.84	0	29.3	65.5
2219	59	87.5	0.2	14.38	100.84	0	29.1	65.5
2148	57	88.5	0.18	14.6	100.95	0	28.7	65.5
2070	55	87	0.14	14.42	101.05	0	28.5	65.5
1968	51	87	0.14	14.38	100.95	0	28.1	65.5
1913	50	86.6	0.17	14.48	100.95	0	27.7	65.4
1854	49	86.6	0.2	14.42	101.05	0	27.3	65.4
1859	48	86.6	0.14	14.42	101.16	0	27.2	65.5
1554	41	86.6	0.09	14.19	101.26	0	26.8	65.5
978	30	86.6	0.06	14.26	101.26	0	26.5	65.4
716	23	86.6	0.04	13.46	101.37	0	26.2	65.4
718	16	86.6	0.03	13.97	101.48	0	26	65.4
772	13	86.6	0.03	14.22	101.48	0	25.8	65.4
839	13	86.6	0.04	14.26	101.37	0	25.7	65.5
993	16	86.6	0.11	13.37	101.26	0	25.6	65.5
1213	19	86.6	0.21	13.21	101.26	0	25.5	65.4
1510	25	86.6	0.47	13.53	100.75	0	25.2	65.5
1950	33	86.9	1.14	14.57	98.55	0	25.2	65.5
2423	41	86.9	1.26	14.19	98.45	0	25.1	65.5
2050	45	87.1	0.29	14.48	101.26	0	25.2	65.5
1592	42	87.1	0.24	14.6	101.16	0	25.2	65.5
1668	45	87.1	0.38	14.51	100.84	0	25.2	65.5
1697	45	87	0.26	13.69	101.05	0	25.2	65.5
1648	44	87.5	0.15	14.45	101.05	0	25.2	65.8
1582	41	87.5	0.1	14.35	101.05	0	25	65.8
1505	39	87.5	0.07	13.62	101.26	0	24.8	65.8
1423	37	87.9	0.07	14.54	101.26	0	24.7	65.8
1337	36	88.5	0.09	14.6	101.26	0	24.6	65.8
1365	36	88.3	0.15	14.48	101.26	0	24.3	66
1449	38	88.5	0.3	14.54	100.95	0	24.2	66
1532	40	88.5	0.22	14.57	100.95	0	24.1	65.9
1546	40	88.5	0.14	14.7	101.26	0	24	66
1537	40	88.5	0.1	14.51	101.05	0	23.8	66
1471	38	88.8	0.07	14.45	101.16	0	23.7	66
1378	36	88.8	0.06	14.42	101.16	0	23.5	66
1150	30	88.8	0.05	14.1	101.26	0	23.2	66
721	24	88.5	0.04	14.45	101.26	0	23.2	66
720	18	88.5	0.03	14.32	101.37	0	23.1	66
727	14	88.5	0.03	14.38	101.48	0	23	66
726	7	88.5	0.03	14.48	101.26	0	23	66
731	3	88.5	0.03	14.8	101.26	0	22.8	66.1

736	3	88.5	0.03	13.91	101.16	0	22.7	66.1
735	3	88.5	0.03	13.43	101.26	0	22.7	66.1
738	3	88.5	0.02	14.19	101.48	0	22.7	66
740	3	88.5	0.02	14.16	101.37	0	22.7	66.3
739	3	88.5	0.02	14.6	101.26	0	22.5	66.3
740	0	88.5	0.02	14.54	101.26	0	22.5	66.3
739	0	88.5	0.02	14.64	101.26	0	22.3	66.3
739	0	90	0.02	14.38	101.48	0	22.3	66.3
741	0	88.9	0.02	14.07	101.48	0	22.3	66.3
741	0	88.9	0.02	14.32	101.48	0	22.3	66.3
742	0	88.9	0.02	14.03	101.58	0	22.3	66.3
741	0	88.9	0.02	14.26	101.58	0	22.2	66.3
742	0	88.9	0.02	14.19	101.48	0	22.2	66.5
738	0	89	0.02	14.13	101.48	0	22.2	66.5
740	0	88.9	0.03	14.26	101.58	0	22.2	66.5
744	0	88.9	0.03	14.03	101.58	0	22.2	66.5
744	0	89	0.03	14.07	101.58	0	22.1	66.5
743	0	89	0.03	13.97	101.48	0	22	66.5
741	0	89	0.03	14.16	101.26	0	22	66.6
740	0	88.9	0.03	14.35	101.37	0	22	66.6
740	0	90.6	0.03	14.19	101.37	0	22	66.5
741	0	89	0.02	14.42	101.48	0	21.8	66.5
745	0	89	0.02	14.22	101.48	0	21.8	66.5
743	0	89	0.02	14.35	101.37	0	21.7	66.6
743	0	89.3	0.03	14.1	101.58	0	21.7	66.6
745	0	89	0.02	14.54	101.26	0	21.7	66.6
741	0	89	0.02	13.5	101.26	0	21.7	66.6
739	0	89	0.03	13.91	101.58	0	21.7	66.6
742	0	89.3	0.02	14.29	101.26	0	21.6	66.6
740	0	89.3	0.02	14.26	101.48	0	21.6	66.6
742	0	89	0.02	14.35	101.26	0	21.5	66.9
742	0	89	0.02	14.57	101.16	0	21.5	66.9
739	0	89	0.03	13.94	101.48	0	21.5	66.8
744	0	89.3	0.03	14.48	101.37	0	21.5	66.9
739	0	89	0.03	14	101.48	0	21.5	67.8
742	0	89	0.02	13.81	101.48	0	21.5	67
744	0	89	0.02	13.91	101.37	0	21.5	67
744	0	89	0.02	14.35	101.26	0	21.5	67
744	0	89	0.02	13.88	101.26	0	21.3	67
745	0	89	0.02	13.72	101.37	0	21.3	67
745	0	89.3	0.02	14.42	101.26	0	21.3	67
744	0	89	0.02	14.57	101.26	0	21.3	67
741	0	89	0.02	14.29	101.26	0	21.3	67
738	0	89.3	0.02	13.97	101.37	0	21.2	67
741	0	89	0.02	14.07	101.48	0	21.2	67
743	0	89.3	0.02	13.81	101.48	0	21.2	67
743	0	89.3	0.02	14.35	101.37	0	21.2	67
741	0	89	0.02	14.35	101.26	0	21.2	67.1
741	0	89	0.02	14.26	101.48	0	21.2	67.1
742	0	88.9	0.02	14.13	101.48	0	21.1	67.1

741	0	89	0.02	14.26	101.26	0	21.1	67.1
739	0	91.9	0.02	14.38	101.48	0	21.1	67.1
765	0	89	0.03	13.97	101.26	0	21.1	66.8
958	0	89	0.06	13.78	101.26	0	21.1	67.1
1075	0	89	0.09	13.72	101.16	0	21.1	67.1
1532	14	89	0.16	13.12	101.05	0	21	67.1
1856	17	89	0.23	14.32	100.84	0	21	67.1
2004	19	89	0.21	14.45	101.26	0	20.7	67.1
1231	20	88.9	0.09	14.51	101.26	0	20.7	67.1
1277	22	89	0.21	14.48	100.84	0	20.6	70.1
1626	27	89	0.51	14.57	100.44	0	20.6	67.1
2020	35	89	0.81	13.69	99.4	0	20.6	67.1
2329	40	89	0.98	14.19	98.25	0	20.6	67.5
2556	44	89	0.65	14.6	100.01	0	20.7	67.3
2439	42	89	0.29	14.1	100.44	0	21	67.3
2340	40	89	0.16	14.13	100.65	0	21.1	67.3
2163	37	88.9	0.12	14.29	100.84	0	21.1	67.3
1991	35	88.9	0.1	14.29	101.05	0	21.1	67.3
1881	31	88.9	0.12	14.42	100.84	0	21.1	69.4
1902	33	88.5	0.24	14.26	100.75	0	21.1	67.3
2120	36	88.8	0.69	14.57	99.29	0	21	67.3
2473	42	88.5	1.22	13.91	97.73	0	21	67.3
2740	48	88	1.02	13.81	97.2	0	21.1	67.3
2960	51	88	1.01	14.6	97.83	0	21.3	67.3
2999	52	87.5	0.7	14.35	98.25	0	21.8	67.3
2950	51	87.5	0.54	14.57	99.19	0	22.2	67.5
3076	52	87.5	1.18	14.26	96.06	0	22.7	67.5
3404	59	87.3	1.27	13.65	94.3	0	23.1	67.5
3874	67	87.3	1.23	14.51	93.05	0	23.7	67.3
4272	74	87.3	1.15	13.85	93.87	0	24.6	67.3
3903	77	87.3	0.57	14.16	99.7	0	25.7	67.3
2808	74	87.3	0.28	14.26	100.44	0	26.8	67.3
2643	70	87.3	0.22	14.19	100.65	0	27.3	67.3
2524	67	87.3	0.18	14.6	100.75	0	27.6	67.3
2401	64	87.5	0.17	14.13	100.84	0	27.6	68.1
2304	60	87.5	0.15	14.03	100.84	0	27.5	67.3
2173	58	87.5	0.13	14.07	100.95	0	27.2	67.1
2071	55	87.9	0.13	14.07	100.95	0	27.1	67.1
2007	53	87.9	3.88	14.48	100.95	3495.1	26.7	67.1
2105	56	87.5	1.08	14.48	98.36	0	26.3	67.1
2348	62	87.5	1.24	14.64	98.98	0	26.2	67
2443	66	87.5	0.68	14.32	100.23	0	26.2	67
2404	63	87.9	0.3	14.42	100.75	0	26.2	67
2307	62	87.5	0.45	14.29	99.91	0	26.2	66.8
2402	63	87.5	1.18	14.32	98.25	0	26.1	66.8
2492	67	87.5	0.82	14.35	98.98	0	26.1	66.9
2502	67	87.3	0.54	14.19	100.23	0	26.1	66.8
2471	66	87.3	0.33	14.26	100.23	0	26.2	66.8
2390	63	87.3	0.28	14.22	100.65	0	26.2	66.8
2362	62	87.3	0.25	13.91	100.65	0	26.1	66.8

2249	60	87.5	0.21	13.31	100.75	0	25.8	66.8
2184	58	87.3	0.19	14.07	100.75	0	25.7	66.8
2148	57	87.3	0.27	14.22	100.54	0	25.6	66.8
2108	56	87.3	0.26	14.51	100.65	0	25.2	66.8
2046	55	87.3	0.14	14.32	100.95	0	25.1	66.8
1955	51	87	0.11	14.07	101.05	0	24.8	66.8
1852	49	87.1	0.09	14.45	101.26	0	24.6	66.9
1719	45	87	0.08	14.22	101.16	0	24.3	66.8
1495	39	85.9	0.07	14.19	101.37	0	24.2	66.8
799	33	86.5	0.05	14.6	101.26	0	24	66.8
785	25	86.9	0.03	14.13	101.48	0	23.7	66.9
1184	19	86.9	0.03	14.29	101.48	0	23.6	66.9
1044	17	86.6	0.03	14.26	101.26	0	23.3	66.9
864	14	86.6	0.03	14.45	101.58	0	23.2	66.9
713	12	86.6	0.03	13.81	101.37	0	23.2	66.9
655	11	86.6	0.03	14.54	101.26	0	23.1	66.9
879	9	86.6	0.03	14.35	101.48	0	23	66.9
776	8	86.4	0.03	14.19	101.26	0	22.7	66.9
779	7	86.5	0.03	14	101.58	0	22.7	66.9
756	6	86.5	0.03	14.64	101.37	0	22.7	67.8
776	7	86.4	0.03	14.26	101.48	0	22.3	67.1
781	7	86.4	0.03	14.16	101.48	0	22.3	67.1
761	7	86.5	0.03	14	101.26	0	22.3	67.1
764	7	86.4	0.03	14.48	101.58	0	22.2	67.1
719	7	86.5	0.03	13.94	101.26	0	22.2	67.1
776	7	86.5	0.03	14.48	101.48	0	22.1	67.1
774	7	86.5	0.03	14.6	101.37	0	22	67.1
763	7	86.9	0.02	14.29	101.58	0	22	67.1
761	7	86.9	0.03	14.26	101.26	0	21.8	67.1
19894	7	86.9	0.03	14.35	101.37	0	21.7	66.8
991	8	86.9	0.04	14.57	101.26	0	21.6	67.5
1111	11	86.9	0.05	13.81	101.26	0	21.5	67.5
1231	12	86.9	0.06	14.26	101.16	0	21.5	67.5
1340	13	86.9	0.07	13.69	101.26	0	21.3	67.5
1293	13	86.9	0.06	14.42	101.16	0	21.2	67.5
1290	13	87.1	0.06	14.7	101.26	0	21.1	67.3
1296	13	87	0.07	14.57	101.26	0	21	67.3
1244	12	87.1	0.05	14.64	101.37	0	20.7	67.5
1111	11	87	0.05	14.1	101.26	0	20.7	67.5
1288	12	87.1	0.1	13.88	101.05	0	20.6	68.5
1904	17	87.1	0.42	14.35	100.54	0	20.5	67.5
1568	22	87.1	0.14	14.73	101.26	0	20.5	67.5
1270	22	87.1	0.17	13.46	101.16	0	20.3	67.3
1587	27	87.1	0.51	14.54	100.33	0	20.2	67.5
2032	35	87.1	0.89	13.4	99.19	0	20.2	67.1
2249	39	87.1	0.42	14.07	100.95	0	20.2	67.5
1359	38	87.1	0.1	14.51	101.37	0	20.2	67.5
1392	36	87.1	0.05	14.57	101.37	0	20.2	67.5
1315	35	87.1	0.05	14.07	101.26	0	20.2	67.3
1237	31	87.5	0.04	14.35	101.26	0	20.2	67.5

1139	29	87.3	0.04	14.54	101.48	0	20.2	67.5
1019	26	87.3	0.03	14.13	101.37	0	20.2	67.3
874	23	87	0.03	13.78	101.58	0	20	67.5
770	19	87.1	0.03	14	101.58	0	20	67.5
760	18	87.1	0.03	14.1	101.37	0	19.8	67.3
826	20	87.5	0.06	14.13	101.48	0	19.7	67.1
926	22	91	0.07	13.91	101.48	0	19.7	68.1
811	22	87.3	0.04	14.45	101.37	0	19.7	67.3
988	20	87.5	0.02	14.32	101.37	0	19.7	67.3
1146	19	87.5	0.04	13.56	101.16	0	19.7	67.3
1031	17	87.5	0.04	14.03	101.26	0	19.7	67.3
893	15	87.5	0.03	14.32	101.26	0	19.6	67.3
713	11	87.5	0.03	14.73	101.48	0	19.6	67.3
710	8	87.5	0.03	14.45	101.48	0	19.5	67.3
733	6	87.5	0.02	14.26	101.58	0	19.5	67.3
737	3	87.5	0.02	13.97	101.48	0	19.3	67.3
728	2	87.5	0.02	14.07	101.58	0	19.2	67.3
714	1	88.5	0.03	14.38	101.26	0	19.2	67.3
714	0	87.5	0.03	14.67	101.26	0	19.2	67.1
733	0	87.5	0.03	14.51	101.26	0	19.2	67.1
733	0	87.5	0.03	14.73	101.26	0	19.2	67.1
770	0	87.5	0.03	14.07	101.26	0	19.2	67.1
767	3	87.5	0.03	14.22	101.48	0	19.2	67.1
763	4	87.5	0.02	14.38	101.26	0	19.2	67.5
762	4	87.9	0.02	14.29	101.26	0	19.2	67.5
798	0	87.9	0.03	14.42	101.37	0	19.1	67.5
780	0	87.9	0.03	13.53	101.26	0	19.1	67.5
777	0	87.9	0.03	14.03	101.48	0	19.1	67.3
776	0	87.9	0.04	13.91	101.48	0	19.1	67.3
846	3	87.9	0.03	13.81	101.26	0	19.1	67.3
788	2	87.9	0.03	14.22	101.37	0	19	67.3
777	2	87.9	0.03	14.26	101.48	0	19	67.1
771	2	87.5	0.03	14.35	101.26	0	19	67.1
767	2	87.9	0.02	13.85	101.48	0	19	67.1
758	2	87.9	0.03	14.54	101.48	0	19	67.5
755	0	87.9	0.02	12.93	101.58	0	19	67.1
323	0	87.9	0.03	11.53	101.48	0	19	67.1
0	0	87.9	0.02	11.44	101.48	4	19	67.5
0	0	87.9	0.02	11.4	101.48	4	19	67.3

Cyl. 1	Cyl. 2	Cyl. 3	Cyl. 4	Cyl. 5	Accel. trac	Accel. trac	Accel. trac	Accel. supp
-6	0	-10	5	7	1.233	3.795	5	5
1	4	4	-4	5	0.98	4.045	5	5
-3	1	-1	2	1	0.98	4.045	5	5
0	-1	-2	0	-1	0.883	4.142	5	5
8	4	-5	-10	-11	1.335	3.698	5	5
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-1	-1	0	0	-4	1.648	3.385	5	5

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1	0	10	-7	-4	3.177	1.886	5	5
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0	1	5	-5	0	2.726	2.323	5	5
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3	2	12	-8	-9	4.682	0.365	5	5
4	2	12	-7	-9	3.857	1.223	5	5
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4	1	8	-7	-5	2.855	2.204	5	5
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3	3	10	-9	-5	3.243	1.825	5	5
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5	2	8	-8	-7	4.116	0.961	5	5
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3	6	10	-10	-9	3.529	1.546	5	5
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-1	-1	1	1	-1	0.883	4.142	5	5
1	0	-2	0	2	0.883	4.142	5	5
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0	2	-1	-1	0	0.883	4.142	5	5
-1	1	0	2	-2	0.883	4.142	5	5
0	0	0	0	0	0.883	4.142	5	5

0	0	0	0	0	0.883	4.142	5	5
-1	1	0	-1	-1	1.023	4.005	5	5
2	-2	-5	-2	-2	2.176	2.875	5	5
-4	1	4	0	-3	2.424	2.631	5	5
1	3	0	-1	5	2.434	2.614	5	5
-3	-3	3	1	-1	2.446	2.602	5	5
-1	2	4	-1	-3	2.543	2.512	5	5
-2	3	1	-2	0	0.883	4.142	5	5
1	5	7	-2	-4	2.424	2.625	5	5
-2	3	-2	0	1	3.253	1.807	5	5
0	4	5	-3	-3	3.367	1.705	5	5
1	-4	10	-7	0	3.275	1.784	5	5
8	7	6	-11	-11	3.339	1.722	5	5
1	4	4	-4	-5	2.148	2.891	5	5
-2	4	3	-4	-1	1.766	3.266	5	5
-1	0	1	0	0	1.077	3.948	5	5
-1	0	0	2	-1	0.889	4.142	5	5
-2	4	0	-2	1	1.141	3.891	5	5
-1	1	5	-8	0	1.977	3.073	5	5
-1	2	3	-3	-3	3.022	2.046	5	5
3	-4	12	-5	-5	3.441	1.631	5	5
5	2	12	-8	-11	3.599	1.472	5	5
1	-2	14	-8	-5	3.275	1.789	5	5
2	5	3	-5	-6	3.151	1.914	5	5
10	9	3	-11	-12	2.839	2.216	5	5
1	3	0	0	-4	2.51	2.529	5	5
-2	8	7	-3	-10	4.682	0.365	5	5
-5	2	9	-5	1	4.682	0.365	5	5
-6	6	3	-3	0	4.682	0.365	5	5
1	3	7	-4	-7	4.682	0.365	5	5
-5	11	0	-8	0	0.883	4.142	5	5
-1	0	2	0	0	0.889	4.136	5	5
-4	3	2	-1	0	0.889	4.142	5	5
-3	2	1	0	0	0.889	4.142	5	5
-1	1	1	0	-1	0.889	4.142	5	5
0	1	2	-1	-2	0.889	4.142	5	5
-2	3	0	-1	0	1.103	3.926	5	5
-2	2	1	-3	0	1.577	3.466	5	5
-5	7	-9	-7	-2	2.628	2.427	5	5
4	0	7	-5	-5	3.987	1.085	5	5
8	5	9	-5	-12	2.994	2.052	5	5
10	4	10	-15	-8	2.042	2.993	5	5
0	-1	-2	-2	1	2.042	3	5	5
6	-2	8	-9	-5	2.822	2.227	5	5
3	6	6	-8	-10	3.809	1.256	5	5
1	-2	8	-6	-2	2.726	2.319	5	5
3	14	-9	-4	-6	2.385	2.654	5	5
4	-4	-3	1	-2	2.176	2.864	5	5
2	0	-1	-2	3	2.154	2.887	5	5
1	-2	1	1	-1	1.982	3.056	5	5

-2	4	3	-4	-1	1.853	3.181	5	5
-4	1	5	5	-6	1.783	3.25	5	5
-2	0	-1	3	-1	2.256	2.783	5	5
0	-3	0	0	5	1.972	3.068	5	5
-2	4	1	-1	-4	0.883	4.142	5	5
-3	4	2	-2	0	0.883	4.142	5	5
-2	4	2	-1	-1	0.883	4.142	5	5
0	2	-1	-2	2	0.883	4.142	5	5
-1	2	0	0	1	0.883	4.142	5	5
-1	1	-1	0	1	0.883	4.142	5	5
0	0	-1	-5	-7	0.883	4.142	5	5
3	-1	5	-3	-4	0.883	4.142	5	5
-1	2	3	-3	2	0.883	4.142	5	5
-2	1	-1	0	1	0.883	4.142	5	5
2	0	2	0	-4	0.883	4.142	5	5
10	23	13	13	-23	0.883	4.142	5	5
9	-2	-2	-1	-2	0.883	4.142	5	5
3	0	2	-3	-1	0.883	4.142	5	5
2	-1	2	-3	0	1.411	3.618	5	5
0	-1	2	0	-1	1.681	3.358	5	5
1	1	-3	-3	1	1.61	3.42	5	5
2	0	1	-1	1	1.39	3.641	5	5
4	-3	3	0	1	1.281	3.75	5	5
2	0	0	-1	-1	1.233	3.795	5	5
0	3	8	0	-3	1.141	3.885	5	5
0	-2	2	0	1	0.937	4.09	5	5
2	-4	2	-2	2	0.953	4.079	5	5
0	-4	3	-1	1	1.286	3.743	5	5
2	0	1	0	2	1.788	3.25	5	5
3	1	3	1	-2	2.138	2.908	5	5
1	0	1	0	-4	2.132	2.914	5	5
-3	4	2	-3	-2	2.095	2.948	5	5
0	1	0	0	-1	2.089	2.954	5	5
0	2	1	-1	-2	1.901	3.135	5	5
-1	3	-5	2	-7	1.761	3.278	5	5
-1	-3	-1	2	-4	1.745	3.289	5	5
0	4	2	-1	-3	1.713	3.323	5	5
-2	1	-1	0	2	1.584	3.454	5	5
0	5	2	-4	-2	2.316	2.733	5	5
0	3	7	-4	-6	2.822	2.233	5	5
1	3	6	-4	-3	2.607	2.437	5	5
-3	1	2	-3	-1	1.868	3.176	5	5
-7	0	-1	3	4	3.345	1.728	5	5
-1	1	6	-1	0	3.431	1.636	5	5
3	-2	9	-8	-2	3.533	1.534	5	5
-3	1	1	1	-1	0.883	4.142	5	5
-1	2	4	-2	-3	0.883	4.142	5	5
-1	2	-2	-4	-3	0.883	4.142	5	5
0	0	1	-2	-1	0.883	4.142	5	5
-1	2	1	-2	0	0.883	4.142	5	5

1	1	0	1	2	0.883	4.142	5	5
-2	2	2	-1	2	0.883	4.142	5	5
-4	-1	0	2	-2	0.883	4.142	5	5
3	-3	-1	-2	0	0.883	4.142	5	5
11	-23	28	-26	-3	1.998	3.039	5	5
0	-29	0	22	0	2.279	2.773	5	5
-37	-1	0	36	0	0.889	4.136	5	5
-2	-1	2	-2	3	0.948	4.072	5	5
2	-3	2	1	-2	1.729	3.318	5	5
-3	5	7	-1	-1	1.858	3.181	5	5
-5	-3	-2	6	10	0.883	4.142	5	5
-1	-1	5	-2	4	0.883	4.142	5	5
0	2	1	-2	1	0.883	4.142	5	5
0	-4	3	-1	-2	0.883	4.142	5	5
0	-1	2	0	-1	0.883	4.142	5	5
0	-1	1	-1	0	0.883	4.142	5	5
-1	1	2	1	-2	0.883	4.142	5	5
2	0	2	0	2	1.373	3.658	5	5
0	1	1	0	0	1.25	3.778	5	5
-1	0	1	1	-1	0.937	4.085	5	5
1	-2	0	2	0	1.077	3.948	5	5
-1	-1	-3	1	2	0.883	4.142	5	5
0	-2	2	0	0	0.883	4.142	5	5
0	-1	0	-1	2	0.883	4.142	5	5
0	1	-3	-1	-1	0.969	4.061	5	5
5	-18	-2	13	15	1.53	3.5	5	5
2	1	0	-3	3	1.567	3.47	5	5
0	1	-1	-2	2	1.39	3.641	5	5
2	1	-2	0	0	1.442	3.585	5	5
0	-1	-1	0	3	0.889	4.136	5	5
2	-3	4	-2	-2	0.883	4.142	5	5
0	-2	3	-3	2	0.889	4.136	5	5
1	-2	2	-3	2	0.883	4.142	5	5
0	-1	2	0	-1	0.889	4.136	5	5
2	-1	0	-1	0	0.889	4.142	5	5
0	0	0	-2	1	0.889	4.142	5	5
-1	0	-1	-1	3	0.889	4.136	5	5
-1	0	-1	-1	3	0.889	4.136	5	5
-1	0	-1	-1	3	0.889	4.136	5	5

EGR inlet (° EGR mod. Idle speed Wastegate mod.(%)

0	0	405	0
0	0	311	0
0	0	176	0
0	0	49	0
0	0	-46	0
0	0	-17	0
0	0	178	0
0	0	462	0
0	0	647	0
0	0	707	0
0	0	755	0
0	0	842	0
0	0	845	0
0	0	806	0
0	0	458	0
0	0	141	0
0	0	-54	0
0	0	-10	0
0	0	253	0
0	0	529	0
0	0	530	0
0	0	248	0
0	0	-22	0
0	0	-24	0
0	0	-9	0
0	0	-30	0
0	0	173	0
0	0	-43	0
0	0	8	0
0	0	-34	0
0	0	-39	0
0	0	516	0
29.43	0	831	29.5
0	0	1423	28.37
0	0	1034	0
0	0	558	0
0	0	821	0
25.19	0	1360	25.2
25.19	0	1934	25.18
25.13	0	2416	25.13
25.09	0	2877	25.09
25.07	0	3293	25.07
0	0	3405	0
0	0	3112	0
0	0	1702	0
0	0	1577	0
0	0	1441	0

0	0	1321	0
0	0	1218	0
0	0	1116	0
0	0	1020	0
0	0	935	0
0	0	851	0
0	0	724	0
0	0	642	0
0	0	713	0
0	0	803	0
0	0	854	0
0	0	892	0
0	0	862	0
0	0	816	0
0	0	782	0
0	0	727	0
0	0	743	0
0	0	735	0
0	0	704	0
0	0	670	0
0	0	629	0
0	0	582	0
0	0	525	0
0	0	541	0
0	0	530	0
0	0	546	0
0	0	620	0
0	0	672	0
0	0	656	0
0	0	722	0
0	0	825	0
0	0	860	0
0	0	882	0
0	0	900	0
0	0	920	0
0	0	832	0
0	0	795	0
0	0	741	0
0	0	729	0
0	0	767	0
0	0	806	0
0	0	867	0
0	0	855	0
0	0	767	0
0	0	687	0
0	0	597	0
0	0	519	0
0	0	472	0
0	0	434	0
0	0	400	0

0	0	404	0
0	0	304	0
0	0	219	0
0	0	132	0
0	0	63	0
0	0	-16	0
0	0	-25	0
0	0	-15	0
0	0	-11	0
0	0	-10	0
0	0	-4	0
0	0	-3	0
0	0	-1	0
0	0	1	0
0	0	-30	0
0	0	-31	0
0	0	-18	0
0	0	32	0
0	0	-46	0
0	0	-46	0
0	0	303	0
0	0	851	0
0	0	1111	0
0	0	303	0
0	0	252	0
0	0	537	0
0	0	899	0
0	0	1128	0
0	0	1204	0
0	0	1250	0
0	0	1079	0
0	0	951	0
0	0	861	0
0	0	753	0
0	0	774	0
0	0	712	0
0	0	677	0
0	0	684	0
0	0	544	0
0	0	384	0
0	0	282	0
0	0	199	0
0	0	269	0
0	0	446	0
0	0	626	0
0	0	755	0
0	0	834	0
0	0	827	0
0	0	811	0
0	0	828	0

0	0	873	0
0	0	963	0
0	0	979	0
0	0	928	0
0	0	773	0
0	0	563	0
0	0	-36	0
0	0	-20	0
0	0	-19	0
0	0	-57	0
0	0	-40	0
0	0	-33	0
0	0	98	0
0	0	251	0
0	0	370	0
0	0	617	0
29.61	0	957	28.97
0	0	710	0
0	0	449	0
0	0	152	0
0	0	-23	0
0	0	-17	0
0	0	-8	0
0	0	0	0
0	0	-69	0
0	0	81	0
0	0	358	0
0	0	622	0
0	0	796	0
0	0	934	0
0	0	764	0
0	0	635	0
0	0	292	0
0	0	155	0
0	0	-39	0
0	0	70	0
0	0	318	0
0	0	612	0
0	0	761	0
0	0	747	0
0	0	682	0
0	0	546	0
0	0	388	0
0	0	374	0
0	0	448	0
0	0	701	0
28.75	0	1043	28.57
29.43	0	1251	29.5
0	0	1432	28.67
0	0	933	0

0	0	576	0
0	0	613	0
0	0	675	0
0	0	747	0
0	0	823	0
0	0	861	0
0	0	913	0
0	0	913	0
0	0	948	0
0	0	925	0
0	0	854	0
0	0	758	0
0	0	658	0
0	0	549	0
0	0	449	0
0	0	576	0
0	0	730	0
0	0	929	0
30	0	1127	29.98
0	0	1162	0
0	0	1168	0
0	0	1173	0
0	0	1160	0
0	0	1144	0
0	0	1147	0
27.87	0	1201	28.18
25.31	0	1299	25.32
27.56	0	1435	27.2
0	0	1441	0
0	0	1467	0
0	0	729	0
0	0	401	0
0	0	1902	0
25.17	0	1812	25.17
25.15	0	2292	25.15
25.11	0	2713	25.11
25.07	0	3102	25.07
25.07	0	3458	25.07
25.78	0	3667	25.71
25.19	0	2780	25.19
25.17	0	2247	25.17
25.14	0	2407	25.15
25.13	0	2565	25.13
25.12	0	2700	25.12
25.11	0	2829	25.11
25.09	0	2953	25.1
25.07	0	3074	25.07
25.07	0	3181	25.07
0	0	3172	0
0	0	2911	0

0	0	2642	0
0	0	2428	0
0	0	2241	0
0	0	2040	0
0	0	1903	0
26.48	0	1896	26.59
26.79	0	1922	26.79
0	0	1912	0
0	0	1903	0
0	0	1831	0
0	0	1780	0
0	0	1721	0
0	0	1640	0
0	0	1598	0
0	0	1447	0
0	0	1259	0
0	0	1087	0
0	0	958	0
1.22	0	880	0
0	0	799	0
0	0	732	0
0	0	184	0
0	0	-26	0
0	0	58	0
0	0	-27	0
0	0	-26	0
0	0	-8	0
0	0	-11	0
0	0	-6	0
0	0	-3	0
0	0	-44	0
0	0	11	0
0	0	23	0
0	0	-31	0
0	0	-54	0
0	0	39	0
0	0	52	0
0	0	-22	0
0	0	494	0
0	0	681	0
25.28	0	1512	25.26
25.27	0	2395	25.23
25.5	0	3218	25.47
0	0	3439	0
25.17	0	1865	25.17
25.17	0	2195	25.17
25.12	0	2660	25.12
25.07	0	3057	25.07
25.07	0	3418	25.07
25.68	0	3647	25.64

25.86	0	3734	25.85
0	0	3754	0
25.19	0	2122	25.19
25.17	0	2286	25.17
25.14	0	2440	25.14
25.13	0	2570	25.13
25.12	0	2712	25.12
25.11	0	2835	25.11
25.09	0	2962	25.09
25.07	0	3074	25.07
25.07	0	3177	25.07
25.07	0	3263	25.07
25.07	0	3370	25.07
25.07	0	3453	25.07
25.07	0	3512	25.07
25.12	0	3537	25.1
25.13	0	3545	25.12
25.23	0	3562	25.23
25.19	0	3579	25.21
0	0	3579	0
25.18	0	2278	25.18
25.17	0	2275	25.18
25.17	0	2285	25.17
25.17	0	2297	25.17
25.17	0	2318	25.17
25.17	0	2318	25.17
25.17	0	2303	25.17
25.17	0	2316	25.17
25.17	0	2308	25.17
25.17	0	2296	25.17
25.17	0	2301	25.17
25.17	0	2308	25.17
25.17	0	2307	25.17
25.17	0	2322	25.17
25.17	0	2334	25.17
25.17	0	2354	25.17
25.17	0	2363	25.17
25.15	0	2383	25.15
0	0	2342	0
0	0	2380	0
0	0	2228	0
0	0	2084	0
0	0	1947	0
0	0	1843	0
0	0	1741	0
0	0	1652	0
0	0	1579	0
0	0	1415	0
0	0	1428	0
0	0	1438	0

0	0	1401	0
0	0	1349	0
0	0	1296	0
0	0	1249	0
0	0	1197	0
0	0	1139	0
0	0	1035	0
0	0	898	0
0	0	600	0
0	0	22	0
0	0	469	0
0	0	-32	0
0	0	-23	0
0	0	-14	0
0	0	12	0
0	0	287	0
26	0	981	26.2
0	0	1924	26.17
0	0	1318	0
0	0	846	0
30	0	1083	30
0	0	1188	0
0	0	1228	0
0	0	1272	0
0	0	1268	0
0	0	1306	0
0	0	1332	0
0	0	1382	0
0	0	1418	0
0	0	1466	0
0	0	1494	0
0	0	1531	0
0	0	1517	0
0	0	1508	0
26.79	0	1589	26.62
0	0	1729	0
26.54	0	1859	26.52
0	0	1977	0
0	0	1936	0
0	0	1846	0
0	0	1671	0
0	0	1517	0
27.5	0	1368	27.32
25.42	0	1552	25.69
25.57	0	1752	25.56
25.18	0	2102	25.19
25.13	0	2504	25.13
25.09	0	2884	25.09
25.07	0	3228	25.07
25.39	0	3540	25.35

25.79	0	3693	25.77
25.85	0	3745	25.87
0	0	2633	0
0	0	2038	0
26.62	0	2007	26.57
0	0	1997	0
0	0	1972	0
26.2	0	1980	26.19
25.46	0	2022	25.3
0	0	2092	0
0	0	2039	0
0	0	1927	0
0	0	1919	0
0	0	1923	0
0	0	1951	0
25.46	0	2003	25.52
25.29	0	2092	25.29
25.51	0	2244	25.48
0	0	2326	0
0	0	1422	0
25.23	0	1445	25.23
25.13	0	1574	25.14
25.14	0	1687	25.14
25.15	0	1793	25.15
25.17	0	1901	25.17
25.18	0	2009	25.18
0	0	2058	0
0	0	2188	0
0	0	2117	0
0	0	2060	0
0	0	1957	0
0	0	1922	0
0	0	1876	0
0	0	1815	0
0	0	1744	0
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26.45	0	1570	26.31
27.8	0	1582	27.9

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25.95	0	1966	26.06
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