



St David St Speed Statistics

Grand Total

Site: St David St
Description: 50 St David St
Filter time: 16:00 Tuesday, May 01, 2018 => 16:00 Saturday, May 05, 2018
Author: Joseph Kelly
RSU Installers: Joseph Kelly, Kaynan D'Sa

Vehicles = 5585 (Daily Avg: 1396)

Posted speed limit = 50 km/h, Exceeding = 1500 (26.86%), Mean Exceeding = 55.22 km/h

Maximum = 141.9 km/h, Minimum = 10.2 km/h, Mean = 45.0 km/h

85% Speed = 52.9 km/h, 95% Speed = 58.3 km/h, Median = 45.0 km/h

16 km/h Pace = 38 - 54, Number in Pace = 3812 (68.25%)

Variance = 76.88, Standard Deviation = 8.77 km/h

Speed Bins

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 10	0 0.0%	0 0.0%	5585 100.0%	0.00	0.00	0.00
10 - 20	35 0.6%	35 0.6%	5550 99.4%	0.00	0.00	0.00
20 - 30	213 3.8%	248 4.4%	5337 95.6%	0.00	0.00	0.00
30 - 40	1189 21.3%	1437 25.7%	4148 74.3%	0.00	0.00	0.00
40 - 50	2648 47.4%	4085 73.1%	1500 26.9%	0.00	0.00	0.00
50 - 60	1300 23.3%	5385 96.4%	200 3.6%	0.00	0.00	0.00
60 - 70	185 3.3%	5570 99.7%	15 0.3%	0.00	0.00	0.00
70 - 80	10 0.2%	5580 99.9%	5 0.1%	0.00	0.00	0.00
80 - 90	2 0.0%	5582 99.9%	3 0.1%	0.00	0.00	0.00
90 - 100	0 0.0%	5582 99.9%	3 0.1%	0.00	0.00	0.00
100 - 110	0 0.0%	5582 99.9%	3 0.1%	0.00	0.00	0.00
110 - 120	1 0.0%	5583 100.0%	2 0.0%	0.00	0.00	0.00
120 - 130	0 0.0%	5583 100.0%	2 0.0%	0.00	0.00	0.00
130 - 140	0 0.0%	5583 100.0%	2 0.0%	0.00	0.00	0.00
140 - 150	2 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00
150 - 160	0 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00
160 - 170	0 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00
170 - 180	0 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00
180 - 190	0 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00
190 - 200	0 0.0%	5585 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00

Total Moving Energy (Estimated) = 0.00

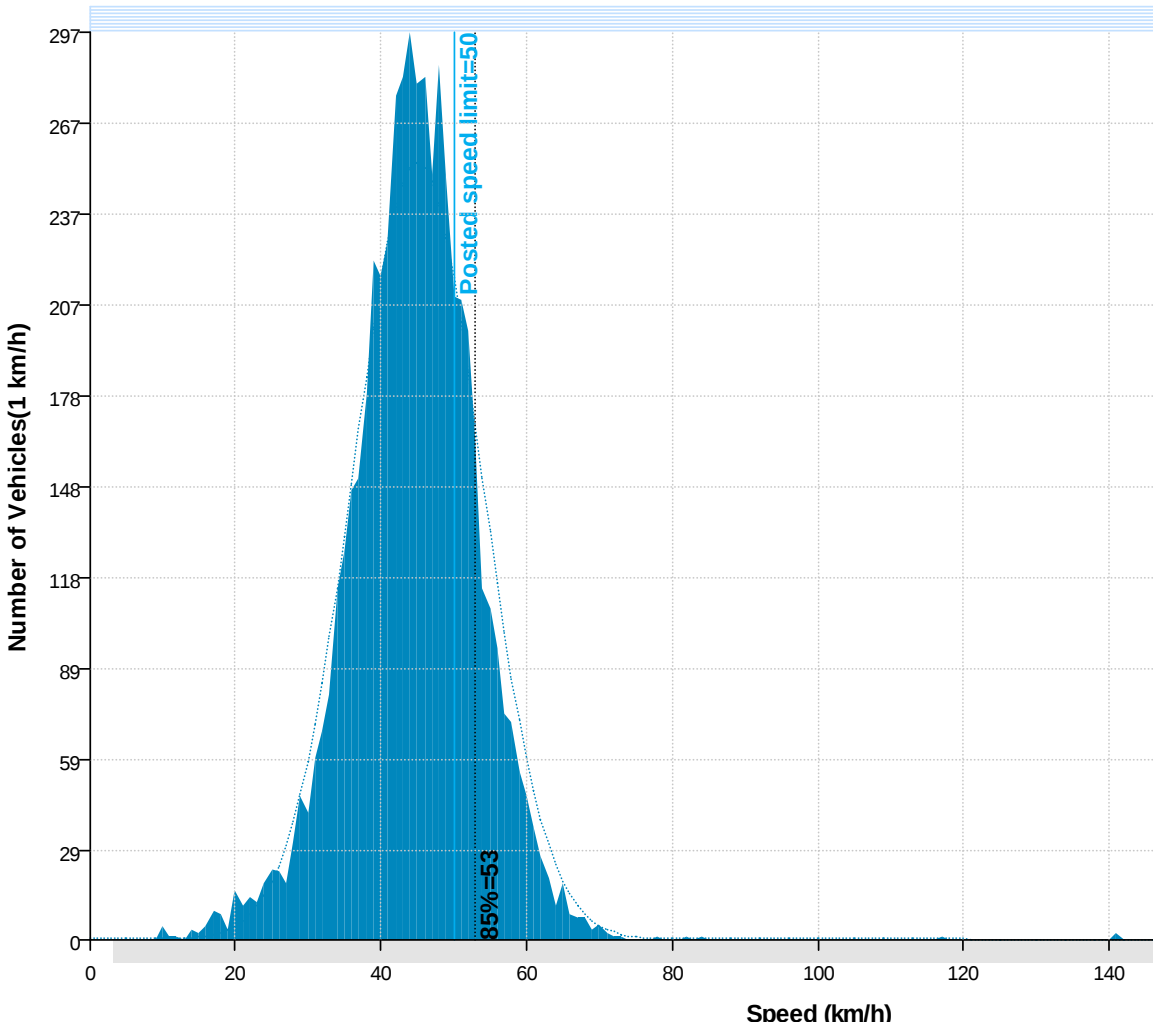
Speed limit fields

Limit	Below	Above
0 50 (PSL)	4085 73.1%	1500 26.9%

Speed Histogram

Speed Histogram

Speed-Hist-4 (Metric) **Site:** St David St.0.0N
Description: 50 St David
Filter time: 16:00 Tuesday, May 01, 2018 => 16:00 Saturday, May 05, 2018
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100)
Scheme: Vehicle classification (ARX)



Speed Statistics by Hour

Hour Bins

Time	Bin		Min	Max	Mean	Median	85%	95%	>PSL 50 km/h	
0000	25	0.4%	14.1	59.7	45.4	46.8	50.8	58.7	6	24.0%
0100	21	0.4%	10.2	68.9	45.9	45.7	59.4	60.8	8	38.1%
0200	12	0.2%	17.4	61.4	44.5	50.0	54.7	57.6	7	58.3%
0300	10	0.2%	39.1	65.9	50.6	50.8	60.8	65.5	6	60.0%
0400	22	0.4%	34.3	62.2	48.1	47.5	53.3	58.0	7	31.8%
0500	35	0.6%	25.4	70.9	45.4	46.4	53.6	54.4	8	22.9%
0600	114	2.0%	15.5	65.9	45.7	46.1	54.7	58.0	35	30.7%
0700	248	4.4%	17.8	71.2	47.7	47.9	56.5	62.3	99	39.9%
0800	352	6.2%	20.1	66.7	47.5	47.5	54.7	59.8	130	36.9%
0900	384	6.8%	11.6	69.0	45.8	45.7	54.4	58.7	108	28.1%
1000	335	5.9%	18.2	71.8	45.8	45.4	53.3	59.0	100	29.9%
1100	362	6.4%	17.0	66.6	45.1	45.0	53.3	58.3	93	25.7%
1200	402	7.1%	12.7	73.8	44.8	44.3	52.6	57.2	101	25.1%
1300	390	6.9%	16.7	82.2	44.7	44.6	52.9	58.0	98	25.1%
1400	340	6.0%	21.0	70.4	44.5	44.3	52.2	57.2	81	23.8%
1500	435	7.7%	16.8	72.2	44.9	44.6	52.2	58.0	121	27.8%
1600	555	9.8%	21.8	84.8	45.4	45.7	52.6	58.7	155	27.9%
1700	453	8.0%	19.2	141.9	45.5	45.4	52.9	57.6	125	27.6%
1800	320	5.6%	17.9	117.1	43.0	42.8	51.8	57.6	66	20.6%
1900	262	4.6%	10.6	70.2	43.2	42.8	51.5	57.2	50	19.1%
2000	220	3.9%	14.8	67.8	42.0	42.8	50.8	56.9	37	16.8%
2100	185	3.3%	15.9	70.8	43.0	42.5	52.2	58.3	41	22.2%
2200	131	2.3%	10.2	61.7	42.8	43.2	50.0	54.0	21	16.0%
2300	73	1.3%	29.8	65.2	45.9	46.1	52.6	57.6	20	27.4%
----	5686	100.0%	10.2	141.9	45.0	45.0	52.9	58.3	1523	26.8%

Daily Summaries

Column Legend:

0 [Time]	24-hour time (0000 - 2359)
1 [Total]	Number in time step
2 [Vbin]	Speed bin totals
3 [Mean]	Average speed
4 [Vpp]	Percentile speed

* Tuesday, May 01, 2018

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
1600	117	0	3	13	54	39	7	1	0	0	0	0	0	0	0	0	48.5	55.4
1700	103	1	1	6	48	43	4	0	0	0	0	0	0	0	0	0	48.8	55.8
1800	90	1	4	20	41	24	0	0	0	0	0	0	0	0	0	0	43.8	52.9
1900	61	2	1	12	27	14	5	0	0	0	0	0	0	0	0	0	45.7	53.6
2000	52	0	4	10	29	6	3	0	0	0	0	0	0	0	0	0	43.9	50.0
2100	42	1	3	10	14	13	0	1	0	0	0	0	0	0	0	0	44.2	54.4
2200	33	2	1	12	12	6	0	0	0	0	0	0	0	0	0	0	40.8	51.5
2300	14	0	0	2	6	6	0	0	0	0	0	0	0	0	0	0	48.0	52.2
07-19	310	2	8	39	143	106	11	1	0	0	0	0	0	0	0	0	47.2	54.4
06-22	465	5	16	71	213	139	19	2	0	0	0	0	0	0	0	0	46.4	54.4
06-00	512	7	17	85	231	151	19	2	0	0	0	0	0	0	0	0	46.1	54.0
00-00	512	7	17	85	231	151	19	2	0	0	0	0	0	0	0	0	46.1	54.0

* Wednesday, May 02, 2018

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	4	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	40.0	-
0100	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	36.0	-
0200	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	34.1	-
0300	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	57.0	-
0400	5	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	50.2	-
0500	11	0	1	3	3	3	0	1	0	0	0	0	0	0	0	0	46.5	51.1
0600	31	1	2	2	18	8	0	0	0	0	0	0	0	0	0	0	45.1	51.5
0700	74	1	1	6	29	31	6	0	0	0	0	0	0	0	0	0	49.0	57.6
0800	113	0	2	10	61	37	3	0	0	0	0	0	0	0	0	0	47.8	55.1
0900	108	0	1	10	54	34	9	0	0	0	0	0	0	0	0	0	49.0	56.5
1000	105	0	3	12	49	35	6	0	0	0	0	0	0	0	0	0	47.8	54.7
1100	119	0	2	25	51	36	5	0	0	0	0	0	0	0	0	0	46.5	56.2
1200	114	2	2	20	63	25	2	0	0	0	0	0	0	0	0	0	44.9	51.8
1300	103	0	4	16	51	30	2	0	0	0	0	0	0	0	0	0	45.6	53.3
1400	114	0	2	22	57	32	1	0	0	0	0	0	0	0	0	0	45.7	52.2
1500	121	0	1	23	62	31	3	1	0	0	0	0	0	0	0	0	46.0	52.2
1600	124	0	5	28	64	23	4	0	0	0	0	0	0	0	0	0	44.7	51.8
1700	111	0	5	22	54	26	4	0	0	0	0	0	0	0	0	0	45.3	52.6
1800	73	1	3	12	36	15	5	0	0	0	0	1	0	0	0	0	46.1	52.2
1900	80	2	4	17	41	13	2	1	0	0	0	0	0	0	0	0	43.5	51.1
2000	52	1	2	11	27	11	0	0	0	0	0	0	0	0	0	0	43.7	51.8
2100	39	0	0	6	25	5	3	0	0	0	0	0	0	0	0	0	46.4	51.1
2200	36	0	0	9	22	5	0	0	0	0	0	0	0	0	0	0	44.0	49.7
2300	16	0	1	2	10	2	1	0	0	0	0	0	0	0	0	0	45.5	51.5
07-19	1279	4	31	206	631	355	50	1	0	0	0	1	0	0	0	0	46.5	54.0
06-22	1481	8	39	242	742	392	55	2	0	0	0	1	0	0	0	0	46.2	53.6
06-00	1533	8	40	253	774	399	56	2	0	0	0	1	0	0	0	0	46.1	53.6
00-00	1559	10	42	256	782	408	57	3	0	0	0	1	0	0	0	0	46.1	53.6

*** Thursday, May 03, 2018**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	7	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	47.3	-
0100	7	1	0	0	3	1	2	0	0	0	0	0	0	0	0	0	45.4	-
0200	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	53.0	-
0300	4	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0	52.5	-
0400	4	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	49.9	-
0500	9	0	0	1	6	2	0	0	0	0	0	0	0	0	0	0	44.6	-
0600	38	1	1	7	15	12	2	0	0	0	0	0	0	0	0	0	46.2	55.8
0700	86	1	1	12	41	29	2	0	0	0	0	0	0	0	0	0	46.5	53.3
0800	92	0	4	16	42	26	4	0	0	0	0	0	0	0	0	0	46.5	54.4
0900	122	1	9	28	62	21	1	0	0	0	0	0	0	0	0	0	42.9	51.8
1000	99	0	2	19	50	21	6	1	0	0	0	0	0	0	0	0	46.3	52.9
1100	94	0	1	15	49	25	4	0	0	0	0	0	0	0	0	0	46.4	53.6
1200	116	0	2	24	60	27	3	0	0	0	0	0	0	0	0	0	45.9	54.0
1300	108	1	1	21	51	28	6	0	0	0	0	0	0	0	0	0	46.3	52.9
1400	92	0	3	33	35	19	1	1	0	0	0	0	0	0	0	0	42.6	51.8
1500	132	0	10	28	56	33	5	0	0	0	0	0	0	0	0	0	44.4	51.8
1600	113	0	2	33	52	23	3	0	0	0	0	0	0	0	0	0	44.5	51.5
1700	118	0	7	38	60	13	0	0	0	0	0	0	0	0	0	0	41.8	49.0
1800	82	0	8	21	40	11	2	0	0	0	0	0	0	0	0	0	42.3	50.0
1900	59	0	4	14	27	13	1	0	0	0	0	0	0	0	0	0	44.0	53.3
2000	53	0	3	9	25	13	3	0	0	0	0	0	0	0	0	0	45.7	54.7
2100	29	0	0	4	15	9	1	0	0	0	0	0	0	0	0	0	47.0	54.0
2200	25	0	0	6	17	2	0	0	0	0	0	0	0	0	0	0	43.2	49.0
2300	17	0	0	4	7	6	0	0	0	0	0	0	0	0	0	0	46.9	53.3
07-19	1254	3	50	288	598	276	37	2	0	0	0	0	0	0	0	0	44.7	52.2
06-22	1433	4	58	322	680	323	44	2	0	0	0	0	0	0	0	0	44.8	52.6
06-00	1475	4	58	332	704	331	44	2	0	0	0	0	0	0	0	0	44.8	52.6
00-00	1509	5	58	334	722	340	48	2	0	0	0	0	0	0	0	0	44.8	52.6

*** Friday, May 04, 2018**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	5	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	50.6	-
0100	7	0	0	2	1	3	1	0	0	0	0	0	0	0	0	0	51.8	-
0200	6	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	47.0	-
0300	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	44.0	-
0400	5	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	45.7	-
0500	12	0	0	3	7	2	0	0	0	0	0	0	0	0	0	0	46.5	49.7
0600	27	0	1	5	17	3	1	0	0	0	0	0	0	0	0	0	44.7	49.7
0700	68	0	2	8	37	15	5	1	0	0	0	0	0	0	0	0	47.8	58.0
0800	91	0	0	8	42	33	8	0	0	0	0	0	0	0	0	0	49.0	56.2
0900	94	0	1	12	55	23	3	0	0	0	0	0	0	0	0	0	47.0	54.7
1000	59	0	0	15	25	19	0	0	0	0	0	0	0	0	0	0	45.8	52.9
1100	74	0	1	13	46	12	2	0	0	0	0	0	0	0	0	0	45.2	51.1
1200	96	1	1	14	45	31	3	1	0	0	0	0	0	0	0	0	47.0	55.1
1300	98	0	2	23	46	23	4	0	0	0	0	0	0	0	0	0	45.6	53.3
1400	76	0	3	18	38	13	4	0	0	0	0	0	0	0	0	0	44.7	52.2
1500	113	2	2	24	52	31	1	1	0	0	0	0	0	0	0	0	45.1	52.6
1600	126	0	4	27	55	36	3	0	1	0	0	0	0	0	0	0	45.7	52.2
1700	95	0	4	20	44	22	3	0	0	0	0	0	0	0	2	0	46.8	53.6
1800	75	1	6	37	23	5	3	0	0	0	0	0	0	0	0	0	39.7	47.9
1900	62	1	3	25	32	1	0	0	0	0	0	0	0	0	0	0	39.6	44.6
2000	63	2	13	29	18	1	0	0	0	0	0	0	0	0	0	0	35.9	44.6
2100	75	2	13	27	24	6	3	0	0	0	0	0	0	0	0	0	39.0	48.2
2200	37	0	3	10	16	7	1	0	0	0	0	0	0	0	0	0	43.0	50.0
2300	26	0	0	9	12	4	1	0	0	0	0	0	0	0	0	0	44.5	50.0
07-19	1065	4	26	219	508	263	39	3	1	0	0	0	0	0	2	0	45.8	53.3
06-22	1292	9	56	305	599	274	43	3	1	0	0	0	0	0	2	0	44.6	52.9
06-00	1355	9	59	324	627	285	45	3	1	0	0	0	0	0	2	0	44.6	52.6
00-00	1392	9	59	333	643	295	47	3	1	0	0	0	0	0	2	0	44.7	52.9

*** Saturday, May 05, 2018**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
0000	9	0	0	4	3	2	0	0	0	0	0	0	0	0	0	0	43.3	-
0100	5	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	42.1	-
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	25.1	-
0300	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	46.9	-
0400	8	0	0	2	4	2	0	0	0	0	0	0	0	0	0	0	47.2	-
0500	3	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	40.2	-
0600	18	0	1	3	5	9	0	0	0	0	0	0	0	0	0	0	47.4	56.2
0700	20	0	2	3	5	8	2	0	0	0	0	0	0	0	0	0	48.0	58.0
0800	56	0	1	13	23	16	3	0	0	0	0	0	0	0	0	0	45.9	53.3
0900	60	0	2	18	23	17	0	0	0	0	0	0	0	0	0	0	43.9	53.3
1000	72	1	6	14	39	10	2	0	0	0	0	0	0	0	0	0	42.3	50.0
1100	75	1	6	28	31	6	3	0	0	0	0	0	0	0	0	0	41.1	46.8
1200	76	0	4	38	25	8	1	0	0	0	0	0	0	0	0	0	40.3	48.6
1300	81	2	4	33	37	4	0	0	1	0	0	0	0	0	0	0	40.5	46.4
1400	58	0	4	6	38	8	2	0	0	0	0	0	0	0	0	0	44.8	50.0
1500	69	0	5	15	34	14	1	0	0	0	0	0	0	0	0	0	43.5	50.4
07-19	567	4	34	168	255	91	14	0	1	0	0	0	0	0	0	0	42.7	51.1
06-22	585	4	35	171	260	100	14	0	1	0	0	0	0	0	0	0	42.9	51.5
06-00	585	4	35	171	260	100	14	0	1	0	0	0	0	0	0	0	42.9	51.5
00-00	613	4	37	181	270	106	14	0	1	0	0	0	0	0	0	0	42.9	51.5

*** Grand Total**

Time	Total	Vbin 10 20	Vbin 20 30	Vbin 30 40	Vbin 40 50	Vbin 50 60	Vbin 60 70	Vbin 70 80	Vbin 80 90	Vbin 90 100	Vbin 100 110	Vbin 110 120	Vbin 120 130	Vbin 130 140	Vbin 140 150	Vbin 150 160	Mean	Vpp 85
--	5585	35	213	1189	2648	1300	185	10	2	0	0	1	0	0	2	0	45.0	52.9

In profile: Vehicles = 5585 / 5750 (97.13%)