

Godfrey Drive Speed Study

Eastbound

Speed, mph	Number of Observations, n	Middle Speed,s	n x s	n x s <sup>2</sup>	Cumulative	Cumulative Frequency
9	3	9	27	243	3	0.7%
10	5	10	50	500	8	1.8%
11	7	11	77	847	15	3.3%
12	4	12	48	576	19	4.2%
13	5	13	65	845	24	5.3%
14	7	14	98	1372	31	6.8%
15	11	15	165	2475	42	9.3%
16	10	16	160	2560	52	11.5%
17	16	17	272	4624	68	15.0%
18	29	18	522	9396	97	21.4%
19	17	19	323	6137	114	25.1%
20	31	20	620	12400	145	31.9%
21	36	21	756	15876	181	39.9%
22	36	22	792	17424	217	47.8%
23	32	23	736	16928	249	54.8%
24	45	24	1080	25920	294	64.8%
25	40	25	1000	25000	334	73.6%
26	27	26	702	18252	361	79.5%
27	31	27	837	22599	392	86.3%
28	16	28	448	12544	408	89.9%
29	18	29	522	15138	426	93.8%
30	12	30	360	10800	438	96.5%
31	6	31	186	5766	444	97.8%
32	3	32	96	3072	447	98.5%
33	4	33	132	4356	451	99.3%
34	3	34	102	3468	454	100.0%
35	0	35	0	0	454	100.0%
36	0	36	0	0	454	100.0%
454			10176	239118		

Mean 22.414 mph  
s 4.935 mph  
85% 27 mph  
Median 23 mph  
Mode 24 mph

Standard 25 mph  
0.524  
Mean + s 27.349

z*	1.460
29.619 85% Limits	
15.209	

