

CITY OF SEATTLE

Department of Transportation

ON STREET : : RAINIER AVE S
 LOCATED : : NW/O (SOUTHBOUND)
 CROSS STREET : : 42 AVE S

Site: 412
 Tuesday, 4/22/2014 12:00 PM -
 Tuesday, 4/29/2014 11:00 AM

Speed Grand Totals

mph	Hourly Averages SB (WL)																
	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
12:00 AM	50.0	0.0	0.0	0.6	0.9	4.1	9.3	12.3	13.6	6.3	1.9	1.0	0.1	0.0	0.0	0.0	0.0
1:00 AM	31.4	0.0	0.0	0.9	0.9	1.9	6.1	8.3	7.0	4.0	1.6	0.6	0.1	0.0	0.1	0.0	0.0
2:00 AM	27.3	0.1	0.0	0.0	0.6	1.7	3.9	7.9	6.1	3.4	2.0	0.9	0.4	0.3	0.0	0.0	0.0
3:00 AM	14.0	0.0	0.0	0.0	0.7	0.9	1.4	3.4	4.6	2.0	0.6	0.3	0.0	0.0	0.0	0.1	0.0
4:00 AM	13.6	0.0	0.0	0.0	0.3	1.4	2.0	4.7	2.7	1.4	0.7	0.0	0.1	0.0	0.1	0.0	0.0
5:00 AM	20.1	0.0	0.0	0.3	1.6	1.4	3.1	4.6	4.3	3.1	1.1	0.4	0.0	0.0	0.1	0.0	0.0
6:00 AM	50.7	0.3	0.4	0.6	1.1	3.3	6.1	10.6	11.9	9.1	4.9	1.3	0.6	0.6	0.0	0.0	0.0
7:00 AM	129.1	0.1	0.1	0.1	1.3	6.4	13.9	27.9	35.9	29.0	9.1	3.9	0.9	0.3	0.3	0.0	0.0
8:00 AM	176.7	0.1	0.1	0.7	2.1	6.9	18.1	41.0	50.6	35.1	12.3	6.9	1.7	0.7	0.0	0.3	0.0
9:00 AM	193.4	0.0	0.3	0.6	3.9	7.7	22.1	46.7	52.3	32.6	16.9	8.1	1.3	0.6	0.4	0.0	0.0
10:00 AM	226.4	0.4	1.0	1.9	5.3	15.1	31.9	60.1	53.6	34.9	15.0	4.4	1.9	0.4	0.4	0.1	0.0
11:00 AM	243.0	0.2	0.3	1.7	3.0	12.2	36.5	68.0	64.7	36.0	12.7	6.0	1.2	0.5	0.0	0.0	0.2
12:00 PM	283.0	0.1	0.6	1.1	5.1	16.9	41.4	72.4	75.7	43.6	17.4	6.9	1.0	0.4	0.1	0.0	0.1
1:00 PM	298.7	0.3	0.4	1.7	3.1	14.3	41.1	84.1	78.7	45.3	19.7	7.0	1.9	0.4	0.4	0.1	0.0
2:00 PM	323.4	0.3	0.6	2.4	4.6	17.9	42.0	83.1	87.6	52.1	23.3	6.9	1.9	0.6	0.0	0.1	0.1
3:00 PM	378.1	0.6	0.6	2.9	7.7	24.9	60.0	100.1	94.0	52.3	21.1	9.9	3.0	0.9	0.1	0.1	0.0
4:00 PM	392.6	0.0	0.9	2.4	7.0	22.3	59.3	97.4	106.9	58.6	24.4	9.3	3.0	0.7	0.4	0.0	0.0
5:00 PM	434.6	0.3	0.6	2.6	8.7	24.4	62.9	120.9	121.4	58.1	25.3	6.4	1.6	0.7	0.3	0.3	0.1
6:00 PM	364.1	1.0	1.0	1.6	8.4	22.9	55.4	102.0	92.6	48.9	19.9	7.3	2.4	0.6	0.1	0.1	0.0
7:00 PM	279.9	0.3	1.4	0.9	6.1	15.1	41.7	77.9	73.9	38.4	16.3	4.1	3.0	0.4	0.1	0.1	0.0
8:00 PM	227.4	0.3	0.0	1.4	2.0	18.1	42.0	66.1	52.6	28.0	11.4	3.0	1.7	0.6	0.0	0.1	0.0
9:00 PM	183.7	0.3	0.1	1.1	5.3	15.3	35.3	48.7	44.3	21.3	7.1	3.1	1.3	0.1	0.1	0.0	0.1
10:00 PM	125.1	0.3	0.0	0.6	3.0	7.6	21.9	34.4	27.4	18.0	7.9	2.4	1.1	0.3	0.1	0.1	0.0
11:00 PM	78.3	0.0	0.0	0.4	2.9	5.4	11.7	21.6	18.9	11.9	4.1	1.1	0.3	0.0	0.0	0.0	0.0
Daily Average	4544.9	5.0	8.5	26.4	85.6	268.0	669.2	1204.3	1181.0	673.4	276.7	101.1	30.5	9.1	3.6	1.9	0.7

Average (Mean) 33.1 mph **Minimum** 10.5 mph **Maximum** 65.9 mph **Pace Range** 28.0 - 38.0 mph 23700 vehicles (75.1%)

Percentile Speeds
 (mph) 10% 15% 50% 85% 90%
 27.4 28.6 33.0 37.5 38.8

Speeds Exceeded
25 mph 30 mph 35 mph 40 mph 45 mph 50 mph 55 mph
 95.8 % (30259) 76.6 % (24186) 31.9 % (10058) 6.6 % (2078) 1.0 % (318) 0.2 % (53) 0.1 % (16)

Study Grand Totals

	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
SB (WL)	31571	35 0.1 %	59 0.2 %	183 0.6 %	596 1.9 %	1864 5.9 %	4648 14.7 %	8362 26.5 %	8202 26.0 %	4678 14.8 %	1924 6.1 %	702 2.2 %	212 0.7 %	63 0.2 %	25 0.1 %	13 0.0 %	5 0.0 %

CITY OF SEATTLE

Department of Transportation

ON STREET : : RAINIER AVE S
 LOCATED : : NW/O (SOUTHBOUND)
 CROSS STREET : : 42 AVE S

Site: 412
 Tuesday, 4/22/2014 12:00 PM -
 Tuesday, 4/29/2014 11:00 AM

Speed Grand Totals

mph	Hourly Averages																
	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
12:00 AM	93.0	0.0	0.1	0.6	0.4	2.6	11.0	25.9	26.3	15.6	7.9	1.0	1.1	0.4	0.0	0.1	0.0
1:00 AM	65.0	0.0	0.1	0.0	0.3	1.6	6.7	20.0	20.0	11.0	2.9	1.4	0.9	0.1	0.0	0.0	0.0
2:00 AM	61.1	0.0	0.0	0.0	0.7	1.9	5.6	17.4	17.9	11.1	4.3	1.6	0.3	0.1	0.0	0.3	0.0
3:00 AM	38.3	0.0	0.1	0.3	0.7	1.6	5.1	9.4	10.9	6.3	1.6	1.1	0.4	0.3	0.3	0.1	0.0
4:00 AM	33.6	0.0	0.0	0.0	0.3	1.6	5.3	9.0	6.9	5.9	2.3	0.9	0.6	0.0	0.3	0.6	0.1
5:00 AM	41.7	0.0	0.0	0.1	0.1	1.7	5.4	9.6	10.9	8.3	3.3	1.6	0.6	0.1	0.0	0.0	0.0
6:00 AM	88.1	0.0	0.0	0.0	0.6	1.6	4.7	17.0	27.0	22.0	10.9	3.6	0.6	0.3	0.0	0.0	0.0
7:00 AM	179.6	0.0	0.0	0.0	0.4	2.0	10.1	35.1	58.0	44.9	21.4	6.1	1.1	0.3	0.0	0.0	0.0
8:00 AM	234.4	0.0	0.0	0.1	0.4	1.7	12.4	50.1	78.0	58.1	24.4	7.1	1.6	0.0	0.3	0.0	0.0
9:00 AM	282.1	0.3	0.1	0.4	0.9	4.3	24.7	63.1	100.1	59.6	20.1	5.3	2.4	0.6	0.0	0.0	0.1
10:00 AM	307.4	0.1	0.1	0.7	0.7	5.4	22.9	77.0	109.3	63.1	22.0	5.0	0.6	0.3	0.0	0.1	0.0
11:00 AM	337.5	0.0	0.2	0.2	1.2	6.3	38.3	84.0	111.7	65.3	22.7	5.3	1.7	0.2	0.2	0.2	0.2
12:00 PM	398.9	0.1	0.0	0.3	1.1	8.9	34.9	109.6	131.9	77.9	24.7	6.3	2.9	0.4	0.0	0.0	0.0
1:00 PM	427.6	0.0	0.4	0.9	0.9	7.3	37.3	116.9	142.0	85.1	27.1	7.1	2.3	0.1	0.0	0.1	0.0
2:00 PM	456.6	0.3	0.7	1.9	3.1	10.6	48.3	126.6	144.0	86.3	24.4	8.9	1.4	0.1	0.0	0.0	0.0
3:00 PM	502.7	0.1	0.3	0.7	3.7	14.4	57.7	146.6	156.7	83.9	28.9	7.6	1.7	0.3	0.0	0.1	0.0
4:00 PM	538.0	0.6	0.4	2.0	3.9	15.4	52.1	150.1	172.1	98.7	31.1	8.0	2.3	0.9	0.0	0.3	0.0
5:00 PM	552.6	0.4	1.1	0.9	3.1	15.6	62.9	154.7	175.3	93.3	34.3	7.1	3.0	0.6	0.1	0.1	0.0
6:00 PM	496.4	0.6	1.4	0.9	2.9	10.7	56.7	136.0	156.0	89.3	30.6	7.7	2.6	0.9	0.1	0.0	0.1
7:00 PM	404.1	0.1	0.3	0.7	1.4	9.7	39.0	108.7	138.6	72.4	24.7	5.9	1.3	0.7	0.6	0.0	0.0
8:00 PM	304.1	0.4	0.4	0.4	2.1	10.1	37.7	92.1	89.6	48.6	16.1	5.0	0.6	0.1	0.1	0.1	0.4
9:00 PM	258.0	0.3	0.3	0.1	2.4	11.7	38.6	80.7	69.6	35.4	13.3	3.6	1.4	0.1	0.0	0.1	0.3
10:00 PM	199.4	0.3	0.3	0.4	1.6	5.1	26.7	58.7	61.6	27.7	10.6	3.9	1.4	0.7	0.1	0.1	0.1
11:00 PM	138.3	0.1	0.0	0.1	1.1	4.1	16.3	42.7	41.1	19.9	8.4	2.9	0.9	0.1	0.1	0.0	0.3
Daily Average	6438.6	3.9	6.6	11.7	34.2	155.9	660.5	1741.1	2055.2	1189.6	418.0	113.9	33.5	7.9	2.3	2.6	1.7

Average (Mean) 33.9 mph **Minimum** 11.3 mph **Maximum** 67.5 mph **Pace Range** 28.9 - 38.9 mph 36906 vehicles (82.5 %)

Percentile Speeds
 (mph) 10% 15% 50% 85% 90%
 29.3 30.2 33.8 37.7 38.7

Speeds Exceeded
25 mph 30 mph 35 mph 40 mph 45 mph 50 mph 55 mph
 98.7 % (44140) 86.4 % (38670) 37.1 % (16574) 5.9 % (2655) 0.7 % (334) 0.1 % (55) 0.0 % (20)

Study Grand Totals

	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
SB (EL)	44733	27	46	82	238	1085	4585	12104	14275	8262	2903	792	233	55	16	18	12
		0.1 %	0.1 %	0.2 %	0.5 %	2.4 %	10.2 %	27.1 %	31.9 %	18.5 %	6.5 %	1.8 %	0.5 %	0.1 %	0.0 %	0.0 %	0.0 %

CITY OF SEATTLE

Department of Transportation

ON STREET : : RAINIER AVE S
 LOCATED : : NW/O (SOUTHBOUND)
 CROSS STREET : : 42 AVE S

Site: 412
 Tuesday, 4/22/2014 12:00 PM -
 Tuesday, 4/29/2014 11:00 AM

Speed Grand Totals

mph	Hourly Averages Combined																
	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
12:00 AM	143.0	0.0	0.1	1.1	1.3	6.7	20.3	38.1	39.9	21.9	9.7	2.0	1.3	0.4	0.0	0.1	0.0
1:00 AM	96.4	0.0	0.1	0.9	1.1	3.4	12.9	28.3	27.0	15.0	4.4	2.0	1.0	0.1	0.1	0.0	0.0
2:00 AM	88.4	0.1	0.0	0.0	1.3	3.6	9.4	25.3	24.0	14.6	6.3	2.4	0.7	0.4	0.0	0.3	0.0
3:00 AM	52.3	0.0	0.1	0.3	1.4	2.4	6.6	12.9	15.4	8.3	2.1	1.4	0.4	0.3	0.3	0.3	0.0
4:00 AM	47.1	0.0	0.0	0.0	0.6	3.0	7.3	13.7	9.6	7.3	3.0	0.9	0.7	0.0	0.4	0.6	0.1
5:00 AM	61.9	0.0	0.0	0.4	1.7	3.1	8.6	14.1	15.1	11.4	4.4	2.0	0.6	0.1	0.1	0.0	0.0
6:00 AM	138.9	0.3	0.4	0.6	1.7	4.9	10.9	27.6	38.9	31.1	15.7	4.9	1.1	0.9	0.0	0.0	0.0
7:00 AM	308.7	0.1	0.1	0.1	1.7	8.4	24.0	63.0	93.9	73.9	30.6	10.0	2.0	0.6	0.3	0.0	0.0
8:00 AM	411.1	0.1	0.1	0.9	2.6	8.6	30.6	91.1	128.6	93.3	36.7	14.0	3.3	0.7	0.3	0.3	0.0
9:00 AM	475.6	0.3	0.4	1.0	4.7	12.0	46.9	109.9	152.4	92.1	37.0	13.4	3.7	1.1	0.4	0.0	0.1
10:00 AM	533.9	0.6	1.1	2.6	6.0	20.6	54.7	137.1	162.9	98.0	37.0	9.4	2.4	0.7	0.4	0.3	0.0
11:00 AM	580.5	0.2	0.5	1.8	4.2	18.5	74.8	152.0	176.3	101.3	35.3	11.3	2.8	0.7	0.2	0.2	0.3
12:00 PM	681.9	0.3	0.6	1.4	6.3	25.7	76.3	182.0	207.6	121.4	42.1	13.1	3.9	0.9	0.1	0.0	0.1
1:00 PM	726.3	0.3	0.9	2.6	4.0	21.6	78.4	201.0	220.7	130.4	46.9	14.1	4.1	0.6	0.4	0.3	0.0
2:00 PM	780.0	0.6	1.3	4.3	7.7	28.4	90.3	209.7	231.6	138.4	47.7	15.7	3.3	0.7	0.0	0.1	0.1
3:00 PM	880.9	0.7	0.9	3.6	11.4	39.3	117.7	246.7	250.7	136.1	50.0	17.4	4.7	1.1	0.1	0.3	0.0
4:00 PM	930.6	0.6	1.3	4.4	10.9	37.7	111.4	247.6	279.0	157.3	55.6	17.3	5.3	1.6	0.4	0.3	0.0
5:00 PM	987.1	0.7	1.7	3.4	11.9	40.0	125.7	275.6	296.7	151.4	59.6	13.6	4.6	1.3	0.4	0.4	0.1
6:00 PM	860.6	1.6	2.4	2.4	11.3	33.6	112.1	238.0	248.6	138.1	50.4	15.0	5.0	1.4	0.3	0.1	0.1
7:00 PM	684.0	0.4	1.7	1.6	7.6	24.9	80.7	186.6	212.4	110.9	41.0	10.0	4.3	1.1	0.7	0.1	0.0
8:00 PM	531.6	0.7	0.4	1.9	4.1	28.3	79.7	158.3	142.1	76.6	27.6	8.0	2.3	0.7	0.1	0.3	0.4
9:00 PM	441.7	0.6	0.4	1.3	7.7	27.0	73.9	129.4	113.9	56.7	20.4	6.7	2.7	0.3	0.1	0.1	0.4
10:00 PM	324.6	0.6	0.3	1.0	4.6	12.7	48.6	93.1	89.0	45.7	18.4	6.3	2.6	1.0	0.3	0.3	0.1
11:00 PM	216.6	0.1	0.0	0.6	4.0	9.6	28.0	64.3	60.0	31.7	12.6	4.0	1.1	0.1	0.1	0.0	0.3
Daily Average	10983.5	8.9	15.1	38.1	119.7	423.9	1329.7	2945.4	3236.2	1863.0	694.6	215.0	64.0	17.0	5.9	4.5	2.5

Average (Mean) 33.6 mph **Minimum** 10.5 mph **Maximum** 67.5 mph **Pace Range** 28.6 - 38.6 mph 60431 vehicles (79.2 %)

Percentile Speeds
 (mph) 10% 15% 50% 85% 90%
 28.5 29.6 33.5 37.7 38.8

Speeds Exceeded
25 mph 30 mph 35 mph 40 mph 45 mph 50 mph 55 mph
 97.5 % (74399) 82.4 % (62856) 34.9 % (26632) 6.2 % (4733) 0.9 % (652) 0.1 % (108) 0.0 % (36)

Study Grand Totals

	Total	0 - < 15	15 - < 18	18 - < 21	21 - < 24	24 - < 27	27 - < 30	30 - < 33	33 - < 36	36 - < 39	39 - < 42	42 - < 45	45 - < 48	48 - < 51	51 - < 54	54 - < 57	57 - < 9999
Combined	76304	62	105	265	834	2949	9233	20466	22477	12940	4827	1494	445	118	41	31	17
		0.1 %	0.1 %	0.3 %	1.1 %	3.9 %	12.1 %	26.8 %	29.5 %	17.0 %	6.3 %	2.0 %	0.6 %	0.2 %	0.1 %	0.0 %	0.0 %
SB (WL)	31571	35	59	183	596	1864	4648	8362	8202	4678	1924	702	212	63	25	13	5
		0.1 %	0.2 %	0.6 %	1.9 %	5.9 %	14.7 %	26.5 %	26.0 %	14.8 %	6.1 %	2.2 %	0.7 %	0.2 %	0.1 %	0.0 %	0.0 %
SB (EL)	44733	27	46	82	238	1085	4585	12104	14275	8262	2903	792	233	55	16	18	12
		0.1 %	0.1 %	0.2 %	0.5 %	2.4 %	10.2 %	27.1 %	31.9 %	18.5 %	6.5 %	1.8 %	0.5 %	0.1 %	0.0 %	0.0 %	0.0 %