

Erlang B Traffic Table: *Maximum offered load versus B and S*

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
1	.0001	.0005	.0010	.0050	.0101	.0204	.0526	.1111	.1765	.2499	.4285	.6666
2	.0142	.0321	.0457	.1053	.1526	.2234	.3813	.5954	.7962	.9999	1.449	2.000
3	.0868	.1517	.1938	.3490	.4554	.6022	.8994	1.271	1.602	1.930	2.633	3.480
4	.2347	.3623	.4393	.7012	.8694	1.092	1.525	2.045	2.501	2.945	3.890	5.021
5	.4519	.6486	.7621	1.132	1.361	1.657	2.218	2.881	3.454	4.010	5.188	6.595
6	.7282	.9956	1.146	1.622	1.909	2.276	2.960	3.758	4.444	5.108	6.513	8.190
7	1.054	1.392	1.578	2.157	2.501	2.935	3.738	4.666	5.461	6.230	7.856	9.799
8	1.422	1.830	2.051	2.730	3.127	3.627	4.543	5.597	6.498	7.369	9.212	11.42
9	1.826	2.302	2.557	3.333	3.782	4.345	5.370	6.546	7.551	8.521	10.58	13.04
10	2.260	2.803	3.092	3.960	4.461	5.084	6.215	7.510	8.616	9.685	11.95	14.68
11	2.721	3.329	3.651	4.610	5.160	5.841	7.076	8.487	9.691	10.86	13.33	16.31
12	3.207	3.878	4.231	5.279	5.876	6.614	7.950	9.474	10.78	12.04	14.72	17.95
13	3.713	4.446	4.830	5.963	6.607	7.401	8.834	10.47	11.87	13.22	16.11	19.60
14	4.239	5.032	5.446	6.663	7.352	8.200	9.729	11.47	12.96	14.41	17.50	21.24
15	4.781	5.634	6.077	7.375	8.108	9.009	10.63	12.48	14.07	15.61	18.90	22.89
16	5.339	6.250	6.721	8.099	8.875	9.828	11.54	13.50	15.18	16.81	20.30	24.54
17	5.911	6.878	7.378	8.833	9.651	10.66	12.46	14.52	16.29	18.01	21.70	26.19
18	6.496	7.519	8.045	9.578	10.44	11.49	13.38	15.55	17.40	19.21	23.10	27.84
19	7.092	8.169	8.724	10.33	11.23	12.33	14.31	16.58	18.52	20.42	24.51	29.50
20	7.700	8.831	9.411	11.09	12.03	13.18	15.25	17.61	19.65	21.63	25.92	31.15
21	8.318	9.501	10.11	11.86	12.84	14.04	16.19	18.65	20.77	22.85	27.32	32.81
22	8.946	10.18	10.81	12.63	13.65	14.90	17.13	19.69	21.90	24.06	28.73	34.46
23	9.583	10.87	11.52	13.42	14.47	15.76	18.08	20.74	23.03	25.28	30.14	36.12
24	10.23	11.56	12.24	14.20	15.29	16.63	19.03	21.78	24.16	26.50	31.56	37.78
25	10.88	12.26	12.97	15.00	16.12	17.50	19.98	22.83	25.30	27.72	32.97	39.43
26	11.54	12.97	13.70	15.79	16.96	18.38	20.94	23.88	26.43	28.94	34.38	41.09
27	12.21	13.69	14.44	16.60	17.80	19.26	21.90	24.94	27.57	30.16	35.80	42.75
28	12.88	14.41	15.18	17.41	18.64	20.15	22.87	25.99	28.71	31.39	37.21	44.41
29	13.56	15.13	15.93	18.22	19.49	21.04	23.83	27.05	29.85	32.61	38.63	46.07
30	14.25	15.86	16.68	19.03	20.34	21.93	24.80	28.11	30.99	33.84	40.05	47.73
31	14.94	16.60	17.44	19.85	21.19	22.83	25.77	29.17	32.14	35.07	41.46	49.39
32	15.63	17.34	18.20	20.68	22.05	23.72	26.74	30.24	33.28	36.29	42.88	51.05
33	16.33	18.08	18.97	21.50	22.91	24.63	27.72	31.30	34.43	37.52	44.30	52.71
34	17.04	18.83	19.74	22.33	23.77	25.53	28.70	32.37	35.57	38.75	45.71	54.38
35	17.75	19.59	20.52	23.17	24.64	26.43	29.68	33.43	36.72	39.98	47.14	56.04
36	18.47	20.35	21.29	24.01	25.51	27.34	30.66	34.50	37.87	41.21	48.55	57.70
37	19.19	21.11	22.08	24.85	26.38	28.25	31.64	35.57	39.02	42.45	49.98	59.36
38	19.91	21.87	22.86	25.69	27.25	29.17	32.62	36.64	40.17	43.68	51.39	61.03
39	20.64	22.64	23.65	26.53	28.13	30.08	33.61	37.71	41.32	44.91	52.82	62.69
40	21.37	23.41	24.44	27.38	29.01	31.00	34.60	38.79	42.47	46.14	54.23	64.35
41	22.11	24.19	25.24	28.23	29.89	31.91	35.58	39.86	43.63	47.38	55.66	66.02
42	22.84	24.97	26.04	29.08	30.77	32.84	36.57	40.93	44.78	48.61	57.08	67.68
43	23.59	25.75	26.84	29.94	31.65	33.76	37.56	42.01	45.93	49.85	58.50	69.34
44	24.33	26.53	27.64	30.80	32.54	34.68	38.56	43.09	47.09	51.09	59.92	71.00
45	25.08	27.32	28.45	31.65	33.43	35.61	39.55	44.16	48.24	52.32	61.34	72.67
46	25.83	28.11	29.25	32.52	34.32	36.53	40.54	45.24	49.40	53.56	62.77	74.33
47	26.59	28.90	30.06	33.38	35.21	37.46	41.54	46.32	50.55	54.79	64.19	76.00
48	27.34	29.70	30.88	34.24	36.11	38.39	42.54	47.40	51.71	56.03	65.61	77.66
49	28.10	30.49	31.69	35.11	37.00	39.32	43.53	48.48	52.87	57.27	67.04	79.32
50	28.87	31.29	32.51	35.98	37.90	40.25	44.53	49.56	54.03	58.51	68.46	80.98

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
51	29.63	32.09	33.33	36.85	38.80	41.19	45.53	50.64	55.18	59.75	69.88	82.65
52	30.40	32.90	34.15	37.72	39.70	42.12	46.53	51.72	56.34	60.98	71.30	84.31
53	31.17	33.70	34.98	38.60	40.60	43.06	47.53	52.80	57.50	62.22	72.73	85.98
54	31.94	34.51	35.80	39.47	41.50	44.00	48.54	53.89	58.66	63.46	74.15	87.64
55	32.71	35.32	36.63	40.35	42.41	44.93	49.54	54.97	59.82	64.70	75.57	89.30
56	33.49	36.13	37.46	41.23	43.31	45.88	50.54	56.06	60.98	65.94	77.00	90.97
57	34.27	36.95	38.29	42.11	44.22	46.81	51.55	57.14	62.14	67.18	78.42	92.63
58	35.05	37.76	39.12	42.99	45.13	47.75	52.55	58.23	63.30	68.42	79.84	94.30
59	35.84	38.58	39.96	43.87	46.04	48.70	53.56	59.31	64.46	69.66	81.27	95.96
60	36.62	39.40	40.79	44.75	46.95	49.64	54.56	60.40	65.63	70.90	82.70	97.63
61	37.41	40.22	41.63	45.64	47.86	50.59	55.57	61.48	66.79	72.14	84.12	99.30
62	38.20	41.04	42.47	46.53	48.77	51.53	56.58	62.57	67.95	73.38	85.55	101.0
63	38.99	41.87	43.31	47.41	49.69	52.48	57.59	63.66	69.11	74.63	86.97	102.6
64	39.78	42.70	44.15	48.30	50.60	53.43	58.60	64.75	70.27	75.86	88.39	104.3
65	40.58	43.52	45.00	49.19	51.52	54.38	59.61	65.84	71.44	77.11	89.82	106.0
66	41.38	44.35	45.84	50.09	52.43	55.32	60.62	66.93	72.60	78.34	91.24	107.6
67	42.17	45.18	46.69	50.98	53.35	56.27	61.63	68.02	73.77	79.59	92.67	109.3
68	42.97	46.01	47.54	51.87	54.27	57.22	62.64	69.11	74.93	80.83	94.09	110.9
69	43.77	46.85	48.39	52.77	55.19	58.18	63.65	70.20	76.09	82.07	95.52	112.6
70	44.57	47.68	49.24	53.66	56.11	59.13	64.66	71.29	77.26	83.31	96.95	114.3
71	45.38	48.52	50.09	54.55	57.03	60.08	65.68	72.38	78.42	84.55	98.37	115.9
72	46.19	49.36	50.94	55.45	57.95	61.04	66.69	73.46	79.59	85.80	99.80	117.6
73	46.99	50.19	51.80	56.35	58.88	61.99	67.71	74.55	80.75	87.04	101.2	119.3
74	47.80	51.04	52.65	57.25	59.80	62.94	68.72	75.65	81.91	88.29	102.6	120.9
75	48.61	51.88	53.51	58.15	60.73	63.90	69.73	76.74	83.08	89.53	104.1	122.6
76	49.43	52.72	54.37	59.05	61.65	64.86	70.75	77.83	84.24	90.77	105.5	124.3
77	50.24	53.56	55.23	59.95	62.58	65.81	71.77	78.92	85.41	92.02	106.9	125.9
78	51.05	54.41	56.09	60.86	63.50	66.77	72.79	80.02	86.58	93.26	108.4	127.6
79	51.87	55.25	56.95	61.76	64.43	67.73	73.80	81.11	87.74	94.50	109.8	129.3
80	52.68	56.10	57.81	62.66	65.36	68.69	74.82	82.20	88.91	95.74	111.2	130.9
81	53.50	56.95	58.67	63.57	66.29	69.64	75.84	83.29	90.07	96.99	112.6	132.6
82	54.32	57.80	59.54	64.48	67.22	70.61	76.86	84.38	91.24	98.23	114.1	134.3
83	55.14	58.65	60.40	65.38	68.15	71.57	77.87	85.48	92.41	99.48	115.5	135.9
84	55.96	59.50	61.27	66.29	69.08	72.53	78.89	86.57	93.57	100.7	116.9	137.6
85	56.79	60.35	62.13	67.20	70.01	73.49	79.91	87.67	94.74	102.0	118.3	139.3
86	57.61	61.20	63.00	68.11	70.95	74.45	80.93	88.77	95.91	103.2	119.8	140.9
87	58.44	62.06	63.87	69.02	71.88	75.41	81.95	89.86	97.07	104.5	121.2	142.6
88	59.27	62.91	64.74	69.93	72.81	76.38	82.97	90.95	98.24	105.7	122.6	144.3
89	60.09	63.77	65.61	70.84	73.75	77.34	83.99	92.05	99.41	106.9	124.0	145.9
90	60.92	64.63	66.48	71.75	74.68	78.30	85.01	93.14	100.6	108.2	125.5	147.6
91	61.75	65.48	67.36	72.66	75.62	79.27	86.03	94.23	101.7	109.4	126.9	149.3
92	62.58	66.34	68.23	73.58	76.55	80.23	87.05	95.34	102.9	110.7	128.3	150.9
93	63.41	67.20	69.10	74.49	77.49	81.20	88.08	96.43	104.1	111.9	129.7	152.6
94	64.25	68.07	69.98	75.41	78.43	82.16	89.09	97.52	105.3	113.2	131.2	154.3
95	65.08	68.93	70.85	76.32	79.37	83.13	90.12	98.63	106.4	114.4	132.6	155.9
96	65.91	69.79	71.73	77.24	80.30	84.09	91.14	99.72	107.6	115.7	134.0	157.6
97	66.75	70.65	72.61	78.16	81.24	85.06	92.16	100.8	108.8	116.9	135.5	159.3
98	67.59	71.52	73.48	79.07	82.18	86.03	93.19	101.9	109.9	118.1	136.9	160.9
99	68.43	72.38	74.36	79.98	83.12	87.00	94.21	103.0	111.1	119.4	138.3	162.6
100	69.26	73.25	75.24	80.91	84.06	87.97	95.23	104.1	112.3	120.6	139.7	164.3

End of Erlang B Traffic Table

© Dr. Mohammed Hawa

Erlang C Traffic Table: *Maximum offered load versus B and S*

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
1	.0001	.0005	.0010	.0049	.0099	.0200	.0500	.1000	.1500	.2000	.3000	.4000
2	.0142	.0319	.0452	.1025	.1465	.2102	.3422	.4999	.6278	.7403	.9390	1.116
3	.0859	.1490	.1894	.3339	.4291	.5545	.7875	1.040	1.231	1.393	1.667	1.903
4	.2310	.3533	.4256	.6640	.8100	.9939	1.318	1.653	1.899	2.102	2.440	2.725
5	.4428	.6288	.7342	1.065	1.259	1.497	1.905	2.313	2.607	2.847	3.241	3.568
6	0.7110	0.9616	1.099	1.519	1.758	2.047	2.531	3.007	3.344	3.617	4.061	4.427
7	1.026	1.341	1.510	2.014	2.296	2.633	3.188	3.725	4.103	4.406	4.896	5.298
8	1.382	1.758	1.958	2.543	2.865	3.246	3.869	4.463	4.878	5.210	5.744	6.178
9	1.771	2.208	2.436	3.099	3.460	3.883	4.569	5.217	5.667	6.026	6.600	7.065
10	2.189	2.685	2.942	3.679	4.077	4.540	5.285	5.985	6.469	6.853	7.464	7.958
11	2.634	3.186	3.470	4.279	4.711	5.213	6.015	6.765	7.279	7.688	8.335	8.857
12	3.100	3.707	4.018	4.896	5.362	5.901	6.757	7.554	8.099	8.530	9.212	9.760
13	3.587	4.248	4.584	5.528	6.027	6.601	7.510	8.352	8.926	9.378	10.09	10.67
14	4.092	4.805	5.166	6.174	6.705	7.313	8.273	9.158	9.759	10.23	10.98	11.58
15	4.614	5.376	5.762	6.833	7.394	8.035	9.043	9.970	10.60	11.09	11.87	12.49
16	5.149	5.962	6.370	7.502	8.093	8.766	9.821	10.79	11.44	11.96	12.76	13.41
17	5.699	6.560	6.991	8.182	8.801	9.505	10.61	11.61	12.29	12.83	13.66	14.33
18	6.261	7.168	7.622	8.870	9.517	10.25	11.40	12.44	13.15	13.70	14.56	15.25
19	6.834	7.788	8.263	9.567	10.24	11.01	12.20	13.28	14.00	14.57	15.47	16.17
20	7.418	8.417	8.913	10.27	10.97	11.77	13.00	14.12	14.87	15.45	16.37	17.10
21	8.013	9.055	9.572	10.98	11.71	12.53	13.80	14.96	15.73	16.34	17.28	18.03
22	8.616	9.701	10.24	11.70	12.46	13.30	14.62	15.80	16.60	17.22	18.19	18.96
23	9.228	10.36	10.91	12.43	13.21	14.08	15.43	16.65	17.47	18.11	19.10	19.89
24	9.848	11.02	11.59	13.16	13.96	14.86	16.25	17.51	18.35	19.00	20.02	20.82
25	10.47	11.68	12.28	13.90	14.72	15.65	17.08	18.36	19.22	19.89	20.93	21.75
26	11.11	12.36	12.97	14.64	15.49	16.44	17.90	19.22	20.10	20.79	21.85	22.69
27	11.75	13.04	13.67	15.38	16.25	17.23	18.74	20.08	20.98	21.68	22.77	23.63
28	12.40	13.73	14.38	16.13	17.03	18.03	19.57	20.95	21.87	22.58	23.69	24.56
29	13.05	14.42	15.09	16.89	17.81	18.83	20.40	21.81	22.75	23.48	24.61	25.50
30	13.71	15.12	15.80	17.65	18.59	19.64	21.24	22.68	23.64	24.38	25.54	26.44
31	14.38	15.82	16.52	18.41	19.37	20.45	22.09	23.55	24.53	25.29	26.46	27.38
32	15.05	16.52	17.25	19.18	20.16	21.26	22.93	24.43	25.42	26.19	27.39	28.32
33	15.72	17.24	17.97	19.95	20.95	22.07	23.78	25.30	26.31	27.10	28.31	29.27
34	16.40	17.95	18.71	20.73	21.75	22.89	24.63	26.18	27.21	28.01	29.24	30.21
35	17.09	18.67	19.44	21.50	22.54	23.71	25.48	27.06	28.11	28.92	30.17	31.16
36	17.78	19.39	20.18	22.29	23.35	24.53	26.33	27.94	29.00	29.83	31.10	32.10
37	18.47	20.12	20.92	23.07	24.15	25.35	27.19	28.82	29.90	30.74	32.03	33.05
38	19.17	20.85	21.67	23.86	24.96	26.18	28.05	29.71	30.80	31.65	32.96	33.99
39	19.87	21.59	22.42	24.65	25.76	27.01	28.91	30.59	31.71	32.57	33.90	34.94
40	20.57	22.32	23.17	25.44	26.58	27.84	29.77	31.48	32.61	33.48	34.83	35.89
41	21.28	23.06	23.93	26.23	27.39	28.68	30.63	32.37	33.51	34.40	35.77	36.84
42	21.99	23.81	24.69	27.03	28.21	29.51	31.50	33.25	34.42	35.31	36.70	37.79
43	22.71	24.56	25.45	27.83	29.02	30.35	32.36	34.15	35.32	36.23	37.64	38.74
44	23.43	25.31	26.21	28.63	29.84	31.19	33.23	35.04	36.23	37.15	38.57	39.69
45	24.15	26.06	26.98	29.44	30.66	32.03	34.10	35.93	37.14	38.07	39.51	40.64
46	24.88	26.81	27.75	30.24	31.49	32.87	34.97	36.83	38.05	38.99	40.45	41.59
47	25.60	27.57	28.52	31.05	32.31	33.72	35.84	37.72	38.96	39.91	41.39	42.54
48	26.33	28.33	29.30	31.86	33.14	34.56	36.72	38.62	39.87	40.84	42.33	43.49
49	27.07	29.10	30.07	32.67	33.97	35.41	37.59	39.52	40.79	41.76	43.27	44.45
50	27.80	29.86	30.85	33.49	34.80	36.26	38.47	40.41	41.70	42.69	44.21	45.40

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
51	28.54	30.63	31.63	34.30	35.64	37.11	39.34	41.31	42.61	43.61	45.15	46.36
52	29.28	31.40	32.42	35.12	36.47	37.96	40.22	42.21	43.53	44.54	46.09	47.31
53	30.03	32.17	33.21	35.94	37.31	38.82	41.10	43.12	44.44	45.46	47.04	48.27
54	30.77	32.95	33.99	36.76	38.14	39.67	41.98	44.02	45.36	46.39	47.98	49.22
55	31.52	33.72	34.78	37.59	38.98	40.53	42.87	44.92	46.28	47.32	48.92	50.18
56	32.27	34.50	35.57	38.41	39.82	41.39	43.75	45.83	47.20	48.25	49.87	51.13
57	33.03	35.28	36.37	39.24	40.66	42.25	44.63	46.73	48.11	49.18	50.81	52.09
58	33.78	36.06	37.16	40.06	41.51	43.11	45.52	47.64	49.04	50.11	51.76	53.05
59	34.54	36.85	37.96	40.89	42.35	43.97	46.40	48.55	49.95	51.04	52.70	54.00
60	35.29	37.63	38.76	41.72	43.20	44.83	47.29	49.45	50.88	51.97	53.65	54.96
61	36.06	38.42	39.55	42.55	44.05	45.70	48.18	50.36	51.80	52.90	54.60	55.92
62	36.82	39.21	40.36	43.39	44.89	46.56	49.07	51.27	52.72	53.83	55.54	56.88
63	37.58	40.00	41.16	44.22	45.75	47.43	49.96	52.18	53.64	54.77	56.49	57.84
64	38.35	40.79	41.96	45.06	46.60	48.29	50.85	53.09	54.57	55.70	57.44	58.79
65	39.12	41.59	42.77	45.90	47.45	49.16	51.74	54.00	55.49	56.63	58.39	59.75
66	39.89	42.38	43.58	46.73	48.30	50.03	52.63	54.92	56.41	57.57	59.34	60.71
67	40.66	43.18	44.39	47.57	49.16	50.90	53.53	55.83	57.34	58.50	60.29	61.68
68	41.43	43.98	45.20	48.42	50.01	51.77	54.42	56.74	58.27	59.44	61.23	62.63
69	42.21	44.78	46.01	49.26	50.87	52.64	55.32	57.66	59.19	60.37	62.18	63.59
70	42.98	45.58	46.83	50.10	51.73	53.52	56.21	58.57	60.12	61.31	63.14	64.55
71	43.77	46.39	47.64	50.95	52.59	54.39	57.11	59.49	61.05	62.25	64.09	65.52
72	44.54	47.19	48.46	51.79	53.45	55.27	58.00	60.40	61.98	63.18	65.04	66.48
73	45.32	48.00	49.27	52.64	54.30	56.14	58.90	61.32	62.90	64.12	65.99	67.44
74	46.11	48.80	50.09	53.49	55.16	57.02	59.80	62.24	63.83	65.06	66.94	68.40
75	46.89	49.61	50.91	54.34	56.03	57.89	60.70	63.15	64.76	66.00	67.89	69.36
76	47.68	50.42	51.73	55.18	56.89	58.77	61.60	64.07	65.69	66.93	68.84	70.33
77	48.46	51.23	52.55	56.04	57.76	59.65	62.50	64.99	66.62	67.88	69.80	71.29
78	49.25	52.04	53.38	56.89	58.62	60.53	63.40	65.91	67.55	68.81	70.75	72.25
79	50.05	52.86	54.20	57.74	59.49	61.41	64.30	66.83	68.48	69.75	71.70	73.21
80	50.84	53.67	55.03	58.59	60.36	62.29	65.20	67.75	69.42	70.70	72.66	74.18
81	51.63	54.49	55.86	59.45	61.22	63.18	66.11	68.67	70.35	71.64	73.61	75.14
82	52.42	55.30	56.68	60.30	62.09	64.06	67.01	69.59	71.28	72.58	74.56	76.11
83	53.22	56.13	57.51	61.16	62.96	64.94	67.91	70.52	72.21	73.52	75.52	77.07
84	54.02	56.94	58.34	62.02	63.83	65.82	68.82	71.44	73.15	74.46	76.47	78.04
85	54.81	57.76	59.17	62.88	64.70	66.71	69.73	72.36	74.08	75.40	77.43	79.00
86	55.61	58.59	60.00	63.73	65.57	67.60	70.63	73.28	75.02	76.34	78.38	79.96
87	56.41	59.41	60.84	64.59	66.45	68.48	71.54	74.21	75.95	77.29	79.34	80.93
88	57.21	60.23	61.67	65.45	67.32	69.37	72.45	75.13	76.89	78.23	80.29	81.89
89	58.01	61.05	62.51	66.31	68.19	70.26	73.35	76.05	77.82	79.17	81.25	82.86
90	58.82	61.88	63.34	67.18	69.07	71.14	74.26	76.98	78.76	80.12	82.20	83.82
91	59.62	62.71	64.18	68.04	69.94	72.03	75.17	77.91	79.69	81.06	83.16	84.79
92	60.43	63.53	65.02	68.90	70.82	72.92	76.08	78.83	80.63	82.01	84.12	85.76
93	61.23	64.36	65.86	69.77	71.69	73.81	76.99	79.76	81.56	82.95	85.07	86.72
94	62.04	65.19	66.69	70.63	72.57	74.70	77.90	80.68	82.50	83.90	86.03	87.69
95	62.85	66.02	67.53	71.50	73.45	75.59	78.80	81.61	83.44	84.84	86.98	88.66
96	63.66	66.85	68.38	72.36	74.33	76.48	79.72	82.53	84.38	85.79	87.95	89.62
97	64.47	67.68	69.21	73.23	75.21	77.38	80.63	83.46	85.31	86.73	88.91	90.59
98	65.28	68.52	70.06	74.10	76.09	78.27	81.54	84.39	86.25	87.68	89.86	91.55
99	66.09	69.35	70.90	74.96	76.96	79.16	82.45	85.32	87.19	88.63	90.82	92.52
100	66.91	70.18	71.75	75.83	77.85	80.05	83.37	86.25	88.13	89.57	91.78	93.49

End of Erlang C Traffic Table

© Dr. Mohammed Hawa

Poisson Traffic Table: *Maximum offered load versus B and S*

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
1	.0001	.0005	.0010	.0050	.0100	.0202	.0513	.1053	.1625	.2231	.3566	.5108
2	.0142	.0319	.0453	.1035	.1485	.2147	.3553	.5318	.6832	.8243	1.097	1.376
3	.0861	.1497	.1905	.3378	.4360	.5672	.8177	1.102	1.331	1.535	1.914	2.285
4	.2318	.3552	.4285	.6722	.8232	1.016	1.366	1.745	2.039	2.297	2.764	3.211
5	.4445	.6324	.7393	1.078	1.279	1.529	1.970	2.432	2.785	3.089	3.634	4.148
6	.7137	.9672	1.107	1.537	1.785	2.089	2.613	3.152	3.557	3.904	4.517	5.091
7	1.030	1.348	1.520	2.037	2.330	2.684	3.285	3.895	4.348	4.734	5.411	6.039
8	1.387	1.768	1.971	2.571	2.906	3.307	3.981	4.656	5.154	5.576	6.312	6.991
9	1.777	2.220	2.452	3.132	3.507	3.953	4.695	5.432	5.973	6.428	7.220	7.946
10	2.198	2.699	2.960	3.717	4.130	4.618	5.425	6.221	6.802	7.289	8.133	8.904
11	2.643	3.202	3.491	4.321	4.771	5.300	6.169	7.021	7.639	8.157	9.050	9.864
12	3.111	3.726	4.042	4.943	5.428	5.996	6.924	7.829	8.484	9.031	9.971	10.83
13	3.600	4.269	4.611	5.580	6.099	6.704	7.689	8.646	9.335	9.909	10.90	11.79
14	4.106	4.828	5.195	6.230	6.782	7.423	8.464	9.469	10.19	10.79	11.82	12.75
15	4.629	5.402	5.794	6.893	7.477	8.153	9.246	10.30	11.05	11.68	12.75	13.72
16	5.167	5.989	6.405	7.567	8.181	8.891	10.04	11.13	11.92	12.57	13.69	14.69
17	5.717	6.589	7.028	8.250	8.895	9.638	10.83	11.98	12.79	13.47	14.62	15.66
18	6.281	7.200	7.662	8.943	9.616	10.39	11.63	12.82	13.67	14.37	15.56	16.63
19	6.856	7.822	8.305	9.644	10.35	11.15	12.44	13.67	14.55	15.27	16.50	17.60
20	7.441	8.453	8.958	10.35	11.08	11.92	13.25	14.52	15.43	16.17	17.44	18.57
21	8.037	9.093	9.619	11.07	11.82	12.69	14.07	15.38	16.31	17.08	18.38	19.54
22	8.641	9.741	10.29	11.79	12.57	13.47	14.89	16.24	17.20	17.99	19.32	20.51
23	9.254	10.40	10.96	12.52	13.33	14.25	15.72	17.11	18.09	18.90	20.26	21.48
24	9.875	11.06	11.65	13.25	14.09	15.04	16.55	17.97	18.98	19.81	21.21	22.46
25	10.50	11.73	12.34	14.00	14.85	15.83	17.38	18.84	19.88	20.72	22.16	23.43
26	11.14	12.41	13.03	14.74	15.62	16.63	18.22	19.71	20.77	21.64	23.10	24.41
27	11.78	13.09	13.73	15.49	16.40	17.43	19.06	20.59	21.67	22.56	24.05	25.38
28	12.43	13.78	14.44	16.25	17.17	18.23	19.90	21.47	22.57	23.48	25.00	26.36
29	13.09	14.47	15.15	17.00	17.96	19.04	20.74	22.35	23.47	24.40	25.95	27.33
30	13.75	15.17	15.87	17.77	18.74	19.85	21.59	23.23	24.38	25.32	26.90	28.31
31	14.41	15.87	16.59	18.53	19.53	20.66	22.44	24.11	25.28	26.24	27.86	29.29
32	15.09	16.58	17.32	19.30	20.32	21.48	23.30	25.00	26.19	27.17	28.81	30.26
33	15.76	17.29	18.05	20.08	21.12	22.30	24.15	25.88	27.10	28.09	29.76	31.24
34	16.44	18.01	18.78	20.86	21.92	23.12	25.01	26.77	28.01	29.02	30.72	32.22
35	17.13	18.73	19.52	21.64	22.72	23.95	25.87	27.66	28.92	29.95	31.67	33.20
36	17.82	19.46	20.26	22.42	23.53	24.77	26.73	28.55	29.83	30.88	32.63	34.18
37	18.51	20.19	21.00	23.21	24.33	25.60	27.59	29.45	30.75	31.81	33.58	35.15
38	19.21	20.92	21.75	24.00	25.14	26.44	28.46	30.34	31.66	32.74	34.54	36.13
39	19.92	21.65	22.50	24.79	25.96	27.27	29.33	31.24	32.58	33.67	35.50	37.11
40	20.62	22.39	23.26	25.59	26.77	28.11	30.20	32.14	33.50	34.60	36.46	38.09
41	21.33	23.14	24.02	26.38	27.59	28.94	31.06	33.04	34.41	35.54	37.42	39.07
42	22.04	23.88	24.78	27.18	28.41	29.79	31.94	33.94	35.33	36.47	38.38	40.05
43	22.76	24.63	25.54	27.99	29.23	30.63	32.81	34.84	36.25	37.41	39.33	41.03
44	23.48	25.38	26.31	28.79	30.05	31.47	33.69	35.74	37.17	38.34	40.29	42.01
45	24.20	26.14	27.08	29.60	30.88	32.32	34.56	36.64	38.10	39.28	41.25	43.00
46	24.93	26.89	27.85	30.41	31.70	33.16	35.44	37.55	39.02	40.21	42.21	43.98
47	25.66	27.65	28.62	31.22	32.53	34.01	36.32	38.46	39.94	41.15	43.18	44.96
48	26.39	28.42	29.40	32.03	33.36	34.86	37.20	39.36	40.87	42.09	44.14	45.94
49	27.13	29.18	30.18	32.85	34.20	35.72	38.08	40.27	41.79	43.03	45.10	46.92
50	27.86	29.95	30.96	33.66	35.03	36.57	38.96	41.18	42.72	43.97	46.06	47.90

S/B	0.01%	0.05%	0.1%	0.5%	1%	2%	5%	10%	15%	20%	30%	40%
51	28.60	30.72	31.74	34.48	35.87	37.43	39.85	42.09	43.64	44.91	47.03	48.88
52	29.34	31.49	32.53	35.30	36.71	38.28	40.73	43.00	44.57	45.85	47.99	49.87
53	30.09	32.26	33.31	36.13	37.54	39.14	41.62	43.91	45.50	46.79	48.95	50.85
54	30.83	33.04	34.10	36.95	38.39	40.00	42.50	44.82	46.43	47.74	49.92	51.83
55	31.58	33.81	34.89	37.77	39.23	40.86	43.39	45.73	47.36	48.68	50.88	52.81
56	32.34	34.59	35.69	38.60	40.07	41.72	44.29	46.65	48.29	49.62	51.84	53.80
57	33.09	35.38	36.48	39.43	40.92	42.59	45.17	47.56	49.22	50.57	52.81	54.78
58	33.85	36.16	37.28	40.26	41.76	43.45	46.07	48.48	50.15	51.51	53.78	55.76
59	34.60	36.95	38.08	41.09	42.61	44.32	46.96	49.39	51.09	52.46	54.74	56.75
60	35.36	37.73	38.88	41.93	43.46	45.18	47.85	50.31	52.02	53.40	55.71	57.73
61	36.13	38.52	39.68	42.76	44.31	46.05	48.75	51.23	52.95	54.35	56.67	58.71
62	36.89	39.31	40.48	43.59	45.16	46.92	49.64	52.14	53.88	55.29	57.64	59.70
63	37.65	40.10	41.29	44.43	46.02	47.79	50.54	53.06	54.82	56.24	58.61	60.68
64	38.42	40.90	42.09	45.27	46.87	48.66	51.43	53.98	55.75	57.19	59.57	61.66
65	39.19	41.69	42.90	46.11	47.72	49.53	52.33	54.90	56.69	58.13	60.54	62.65
66	39.96	42.49	43.71	46.95	48.58	50.40	53.23	55.82	57.63	59.08	61.51	63.63
67	40.73	43.29	44.52	47.79	49.44	51.28	54.13	56.75	58.56	60.03	62.48	64.62
68	41.51	44.09	45.33	48.64	50.30	52.15	55.03	57.67	59.50	60.98	63.45	65.60
69	42.29	44.89	46.14	49.48	51.16	53.03	55.93	58.59	60.43	61.93	64.41	66.59
70	43.06	45.70	46.96	50.32	52.02	53.91	56.83	59.51	61.37	62.88	65.38	67.57
71	43.84	46.50	47.78	51.17	52.88	54.78	57.73	60.44	62.31	63.83	66.35	68.56
72	44.62	47.30	48.59	52.02	53.74	55.66	58.63	61.36	63.25	64.78	67.32	69.54
73	45.41	48.11	49.41	52.87	54.60	56.54	59.54	62.29	64.19	65.73	68.29	70.53
74	46.19	48.92	50.23	53.72	55.46	57.42	60.44	63.21	65.13	66.68	69.26	71.51
75	46.97	49.73	51.05	54.57	56.33	58.30	61.34	64.14	66.07	67.63	70.23	72.50
76	47.76	50.54	51.88	55.42	57.20	59.18	62.25	65.06	67.01	68.58	71.20	73.48
77	48.55	51.35	52.70	56.27	58.07	60.07	63.16	65.99	67.95	69.53	72.17	74.47
78	49.34	52.17	53.53	57.13	58.93	60.95	64.06	66.91	68.89	70.48	73.14	75.45
79	50.13	52.98	54.35	57.98	59.80	61.83	64.97	67.84	69.83	71.44	74.11	76.44
80	50.92	53.80	55.18	58.84	60.67	62.72	65.88	68.77	70.77	72.39	75.08	77.43
81	51.71	54.61	56.01	59.70	61.54	63.60	66.79	69.70	71.71	73.34	76.05	78.41
82	52.51	55.43	56.84	60.55	62.41	64.49	67.69	70.63	72.66	74.30	77.02	79.40
83	53.30	56.25	57.66	61.41	63.29	65.38	68.60	71.56	73.60	75.25	77.99	80.38
84	54.10	57.07	58.50	62.27	64.16	66.27	69.51	72.49	74.54	76.20	78.96	81.37
85	54.90	57.89	59.33	63.13	65.03	67.15	70.42	73.42	75.48	77.16	79.93	82.35
86	55.70	58.71	60.16	63.99	65.91	68.04	71.33	74.35	76.43	78.11	80.90	83.34
87	56.50	59.54	61.00	64.85	66.78	68.93	72.25	75.28	77.38	79.06	81.88	84.33
88	57.30	60.36	61.83	65.71	67.66	69.82	73.16	76.21	78.32	80.02	82.84	85.31
89	58.11	61.19	62.67	66.58	68.53	70.71	74.07	77.14	79.26	80.98	83.82	86.30
90	58.91	62.02	63.50	67.44	69.41	71.60	74.98	78.07	80.20	81.93	84.79	87.29
91	59.71	62.84	64.34	68.30	70.29	72.50	75.89	79.01	81.15	82.88	85.77	88.27
92	60.52	63.67	65.18	69.17	71.16	73.39	76.81	79.94	82.09	83.84	86.73	89.26
93	61.33	64.50	66.02	70.04	72.04	74.28	77.72	80.88	83.05	84.80	87.71	90.25
94	62.14	65.33	66.86	70.90	72.92	75.18	78.64	81.80	83.99	85.76	88.68	91.23
95	62.95	66.16	67.70	71.77	73.80	76.07	79.55	82.74	84.94	86.71	89.66	92.22
96	63.75	66.99	68.54	72.64	74.68	76.96	80.47	83.67	85.88	87.66	90.63	93.21
97	64.57	67.82	69.39	73.51	75.57	77.86	81.38	84.61	86.83	88.63	91.60	94.20
98	65.38	68.66	70.23	74.38	76.45	78.75	82.30	85.54	87.78	89.59	92.57	95.18
99	66.19	69.49	71.07	75.25	77.33	79.65	83.22	86.48	88.73	90.54	93.55	96.17
100	67.00	70.33	71.92	76.12	78.21	80.55	84.13	87.41	89.67	91.50	94.52	97.16

End of **Poisson** Traffic Table

© Dr. Mohammed Hawa