

## NEAR LENGTH OPTIMAL POISSON CONFIDENCE LIMITS:

Confidence Level:

<u>Observed Count</u>	90%		95%		99%	
	<u>MCGLL</u>	<u>MCGUL</u>	<u>MCGLL</u>	<u>MCGUL</u>	<u>MCGLL</u>	<u>MCGUL</u>
0	0.000	2.457	0.000	3.318	0.000	4.819
1	0.105	4.577	0.051	5.377	0.010	6.914
2	0.532	6.036	0.355	6.753	0.149	8.814
3	1.102	7.587	0.818	8.183	0.436	10.473
4	1.745	8.597	1.366	9.694	0.823	12.447
5	2.433	9.716	1.970	11.277	1.279	13.893
6	2.457	11.442	2.613	12.917	1.785	15.377
7	3.589	12.531	3.285	13.765	2.330	16.901
8	4.532	13.653	3.318	15.021	2.906	18.462
9	4.577	15.298	4.460	16.868	3.507	19.462
10	5.976	15.985	5.323	17.633	4.130	20.676
11	6.036	17.810	5.377	19.151	4.771	22.142
12	7.512	18.403	6.686	20.335	4.819	23.865
13	7.587	20.054	6.753	21.464	5.829	24.925
14	8.597	21.135	8.102	22.945	6.668	25.992
15	9.484	22.258	8.183	23.862	6.914	27.818
16	9.716	23.924	9.598	25.400	7.756	28.852
17	11.342	24.452	9.694	26.406	8.727	30.000
18	11.442	26.158	11.177	27.735	8.814	31.939
19	12.531	27.035	11.277	29.066	10.009	32.547
20	13.553	28.092	12.817	30.017	10.473	34.283
21	13.653	30.088	12.917	31.775	11.242	35.204
22	15.298	30.188	13.765	32.277	12.347	36.644
23	15.795	31.639	14.921	34.048	12.447	37.819
24	15.985	33.544	15.021	34.765	13.793	39.039
25	17.810	33.644	16.768	36.030	13.893	40.373
26	18.284	35.083	16.868	37.767	15.277	41.490
27	18.403	37.100	17.633	38.165	15.377	42.850
28	20.054	37.200	19.051	39.763	16.801	44.014
29	21.035	38.440	19.151	41.044	16.901	45.258
30	21.135	40.105	20.335	41.753	18.362	46.602
31	22.258	41.089	21.364	43.453	18.462	47.622
32	23.824	41.739	21.464	44.359	19.462	49.231
33	23.924	43.223	22.945	45.280	20.285	49.960
34	24.452	44.966	23.762	47.025	20.676	51.883
35	26.158	45.066	23.862	47.789	22.042	52.282
36	26.935	46.384	25.400	48.744	22.142	54.033
37	27.035	47.974	26.306	50.420	23.765	54.842
38	28.092	49.220	26.406	51.393	23.865	56.144
39	29.988	49.557	27.735	52.150	24.925	57.715
40	30.088	50.957	28.966	53.719	25.828	58.351

41	30.188	52.637	29.066	55.090	25.992	60.490
42	31.639	53.559	30.017	55.511	27.718	60.590
43	33.444	54.049	31.675	56.986	27.818	62.126
44	33.544	55.445	31.775	58.818	28.852	63.735
45	33.644	57.104	32.277	58.918	29.900	64.264
46	35.083	58.091	34.048	60.240	30.000	65.960
47	37.000	58.480	34.665	61.900	31.839	66.915
48	37.100	59.851	34.765	62.914	31.939	67.922
49	37.200	61.406	36.030	63.488	32.547	69.930
50	38.440	62.788	37.667	64.947	34.183	70.051
51	40.105	62.888	37.767	66.857	34.283	71.557
52	40.989	64.192	38.165	66.957	35.204	73.304
53	41.089	65.645	39.763	68.097	36.544	73.616
54	41.739	67.546	40.944	69.617	36.644	75.159
55	43.223	67.646	41.044	71.192	37.819	76.708
56	44.866	68.489	41.753	71.292	38.939	77.150
57	44.966	69.861	43.453	72.658	39.039	78.713
58	45.066	71.423	44.259	74.222	40.373	80.157
59	46.384	72.772	44.359	75.590	41.390	80.650
60	47.974	72.872	45.280	75.785	41.490	82.211
61	49.120	74.068	47.025	77.163	42.850	83.660
62	49.220	75.467	47.689	78.731	43.914	84.117
63	49.557	77.155	47.789	80.082	44.014	85.652
64	50.957	78.042	48.744	80.247	45.258	87.217
65	52.637	78.271	50.420	81.613	46.502	87.554
66	53.459	79.586	51.293	83.139	46.602	89.049
67	53.559	80.990	51.393	84.672	47.622	90.817
68	54.049	82.723	52.150	84.772	49.131	90.964
69	55.445	83.474	53.719	86.013	49.231	92.416
70	57.104	83.733	54.990	87.479	49.960	94.445
71	57.991	85.040	55.090	89.330	51.783	94.545
72	58.091	86.427	55.511	89.430	51.883	95.761
73	58.480	88.054	56.986	90.374	52.282	97.422
74	59.851	89.142	58.718	91.779	54.033	98.457
75	61.406	89.242	58.818	93.483	54.742	99.093
76	62.688	90.436	58.918	94.333	54.842	100.606
77	62.788	91.790	60.240	94.705	56.144	102.265
78	62.888	93.294	61.900	96.058	57.615	102.416
79	64.192	94.900	62.814	97.545	57.715	103.844
80	65.645	95.000	62.914	99.266	58.351	105.663
81	67.446	95.784	63.488	99.366	60.390	106.220
82	67.546	97.101	64.947	100.324	60.490	107.101
83	67.646	98.509	66.757	101.710	60.590	108.615
84	68.489	100.284	66.857	103.315	62.126	110.257
85	69.861	100.913	66.957	104.500	63.635	110.369
86	71.423	101.095	68.097	104.600	63.735	111.777
87	72.672	102.376	69.617	105.905	64.264	113.451
88	72.772	103.714	71.092	107.318	65.960	114.430
89	72.872	105.173	71.192	109.107	66.815	114.988
90	74.068	107.021	71.292	109.711	66.915	116.441
91	75.467	107.121	72.658	110.113	67.922	118.427
92	77.155	107.629	74.222	111.441	69.830	118.527
93	77.942	108.915	75.490	112.868	69.930	119.586
94	78.042	110.263	75.590	114.941	70.051	121.086
95	78.271	111.748	75.785	115.041	71.557	122.787

96	79.586	113.447	77.163	115.605	73.204	122.887
97	80.990	113.547	78.731	116.930	73.304	124.157
98	82.723	114.114	79.982	118.352	73.616	125.702
99	83.374	115.397	80.082	120.457	75.159	127.174
100	83.474	116.739	80.247	120.557	76.608	127.312
101	83.733	118.210	81.613	121.059	76.708	128.698
102	85.040	119.984	83.139	122.374	77.150	130.275
103	86.427	120.084	84.572	123.774	78.713	131.603
104	88.054	120.551	84.672	125.460	80.057	131.819
105	89.042	121.824	84.772	126.358	80.157	133.206
106	89.142	123.148	86.013	126.477	80.650	134.789
107	89.242	124.574	87.479	127.776	82.211	136.090
108	90.436	126.620	89.230	129.144	83.560	136.300
109	91.790	126.720	89.330	130.684	83.660	137.680
110	93.294	126.945	89.430	132.131	84.117	139.241
111	94.800	128.202	90.374	132.231	85.652	140.638
112	94.900	129.501	91.779	133.145	87.117	140.757
113	95.000	130.872	93.483	134.478	87.217	142.124
114	95.784	132.436	94.233	135.918	87.554	143.642
115	97.101	133.760	94.333	137.893	89.049	145.234
116	98.509	133.860	94.705	137.993	90.717	145.334
117	100.284	134.541	96.058	138.486	90.817	146.540
118	100.813	135.812	97.545	139.786	90.964	148.009
119	100.913	137.133	99.166	141.156	92.416	149.864
120	101.095	138.551	99.266	142.704	94.345	149.964
121	102.376	140.643	99.366	144.112	94.445	150.934
122	103.714	140.743	100.324	144.212	94.545	152.355
123	105.173	140.849	101.710	145.077	95.761	154.181
124	106.921	142.093	103.315	146.394	97.422	154.704
125	107.021	143.371	104.400	147.799	98.357	155.309
126	107.121	144.706	104.500	149.531	98.457	156.688
127	107.629	146.158	104.600	150.287	99.093	158.250
128	108.915	148.037	105.905	150.387	100.606	159.630
129	110.263	148.137	107.318	151.633	102.165	159.730
130	111.748	148.353	109.107	152.962	102.265	161.011
131	113.347	149.597	109.611	154.394	102.416	162.464
132	113.447	150.876	109.711	156.419	103.844	164.410
133	113.547	152.212	110.113	156.519	105.663	164.510
134	114.114	153.667	111.441	156.872	106.120	165.328
135	115.397	155.528	112.868	158.151	106.220	166.712
136	116.739	155.628	114.841	159.483	107.101	168.294
137	118.210	155.815	114.941	160.925	108.615	169.587
138	119.884	157.054	115.041	162.888	110.157	169.687
139	119.984	158.326	115.605	162.988	110.257	170.976
140	120.084	159.650	116.930	163.354	110.369	172.411
141	120.551	161.075	118.352	164.630	111.777	174.462
142	121.824	163.119	120.357	165.957	113.451	174.562
143	123.148	163.219	120.457	167.386	114.330	175.248
144	124.574	163.319	120.557	169.427	114.430	176.608
145	126.520	164.467	121.059	169.527	114.988	178.110
146	126.620	165.726	122.374	169.803	116.441	179.769
147	126.720	167.028	123.774	171.071	118.327	179.869
148	126.945	168.407	125.460	172.385	118.427	180.836
149	128.202	170.004	126.258	173.786	118.527	182.220
150	129.501	171.193	126.358	175.485	119.586	183.806

151	130.872	171.293	126.477	176.333	121.086	185.075
152	132.436	171.840	127.776	176.433	122.687	185.175
153	133.660	173.082	129.144	177.478	122.787	186.401
154	133.760	174.359	130.684	178.774	122.887	187.806
155	133.860	175.690	132.031	180.138	124.157	189.502
156	134.541	177.133	132.131	181.669	125.702	190.382
157	135.812	179.063	132.231	183.147	127.074	190.615
158	137.133	179.163	133.145	183.247	127.174	191.942
159	138.551	179.263	134.478	183.856	127.312	193.361
160	140.543	180.405	135.918	185.132	128.698	195.194
161	140.643	181.655	137.793	186.458	130.275	195.691
162	140.743	182.944	137.893	187.887	131.503	196.127
163	140.849	184.296	137.993	189.927	131.603	197.456
164	142.093	185.800	138.486	190.027	131.819	198.880
165	143.371	187.397	139.786	190.210	133.206	200.842
166	144.706	187.497	141.156	191.464	134.789	201.044
167	146.158	187.701	142.704	192.757	135.990	201.617
168	147.937	188.927	144.012	194.115	136.090	202.942
169	148.037	190.180	144.112	195.629	136.300	204.361
170	148.137	191.473	144.212	197.187	137.680	206.188
171	148.353	192.834	145.077	197.287	139.241	206.697
172	149.597	194.364	146.394	197.778	140.538	207.084
173	150.876	195.833	147.799	199.041	140.638	208.403
174	152.212	195.933	149.531	200.348	140.757	209.806
175	153.667	196.181	150.187	201.734	142.124	211.496
176	155.428	197.405	150.287	203.355	143.642	212.389
177	155.528	198.655	150.387	204.463	145.134	212.530
178	155.628	199.943	151.633	204.563	145.234	213.838
179	155.815	201.296	152.962	205.315	145.334	215.219
180	157.054	202.798	154.394	206.583	146.540	216.801
181	158.326	204.398	156.319	207.898	148.009	218.082
182	159.650	204.498	156.419	209.302	149.764	218.182
183	161.075	204.623	156.519	211.031	149.864	219.252
184	163.019	205.841	156.872	211.787	149.964	220.608
185	163.119	207.083	158.151	211.887	150.934	222.105
186	163.219	208.359	159.483	212.820	152.355	223.775
187	163.319	209.689	160.925	214.088	154.181	223.875
188	164.467	211.131	162.788	215.404	154.604	224.647
189	165.726	213.065	162.888	216.810	154.704	225.978
190	167.028	213.165	162.988	218.557	155.309	227.409
191	168.407	213.265	163.354	219.262	156.688	229.468
192	170.004	214.238	164.630	219.362	158.250	229.568
193	171.093	215.468	165.957	220.292	159.530	230.027
194	171.193	216.726	167.386	221.556	159.630	231.333
195	171.293	218.027	169.327	222.865	159.730	232.711
196	171.840	219.405	169.427	224.256	161.011	234.284
197	173.082	220.998	169.527	225.905	162.464	235.599
198	174.359	222.199	169.803	226.913	164.310	235.699
199	175.690	222.299	171.071	227.013	164.410	236.677
200	177.133	222.601	172.385	227.733	164.510	238.014