RAINFALL VARIATIONS ALONG RAY PATHS

FINAL REPORT

Robert Cataneo and Richard G. Semonin

University of Illinois
Urbana, Illinois

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ABSTRACT

The goal of Contract No. AT(11-1)-2368 was to provide raindrop distributions, and related calculated parameters, from three raindrop spectrometers installed and operated at McCoy Air Force Base, Orlando, Florida. The spectrometers were used in conjunction with four, millimeter wavelength radars and three tipping bucket raingages operating in the same area. Raindrop data were collected during the August-September 1973 period.

To date, raindrop distributions and resulting related calculations have been obtained for three days during the above period.

RAINFALL VARIATIONS ALONG RAY PATHS

Introduction

The Illinois State Water Survey (ISWS) was contracted to provide three raindrop spectrometers, which were developed and fabricated in-house, for installation and operation at McCoy AFB, Orlando, Florida. These instruments are designed to measure the numbers and sizes of raindrops impinging on a sensing head, and to record this information on magnetic tape for subsequent reduction to raindrop distributions. Magnetic tape data obtained at McCoy AFB were taken to ISWS for processing by a Wang calculator-computer system.

The spectrometers were utilized in conjunction with four, millimeter wavelength radars and three tipping bucket recording raingages, all located in close proximity. This instrumentation array resulted in the simultaneous measurement of radar backscatter due to precipitation, raindrop distributions at the ground and rainfall rates and amounts also at the surface.

Data Collection

The raindrop spectrometer, designed and fabricated at ISWS, operates by converting the momentum of a raindrop, assumed to be falling at terminal velocity, to a voltage which is subsequently recorded on magnetic tape. The voltages are then converted to drop size with the aid of a Wang calculator-computer system. The instrument is also designed with an internal timing circuit to allow determination of rain times.

Three spectrometers were installed at McCoy AFB during the first week of August 1973; operation of the spectrometers continued until the second week

of September 1973. Table I indicates the status at the writing of this report, of the data collected. The following difficulties with spectrometer operation arose during the above period which had a direct bearing on the data collected: 1) failure of the timing circuit to operate properly making it necessary to obtain timing information by comparison of spectrometer calculated rainfall rates with those obtained from the tipping bucket gages; 2) a number of tape recorder failures resulting in a loss of some drop distribution data; and 3) extraneous calibration tone signals inhibiting data reduction of some of the magnetic tapes.

Data Reduction

The spectrometer tapes were returned to ISWS for reduction at the end of the data collection phase. The tapes were processed through an in-house Wang calculator-computer system using an analog to digital converter to convert the recorded voltage signals to corresponding digits. The Wang system then made the necessary calculations to obtain drop size distributions.

Drop sizes were binned in 0.1 mm diameter increments and were printed in the same manner. The time interval of the distributions was typically 15, 30, or 60 sec; larger fluctuations in the spectra of course are seen with decreasing time periods chosen. Four parameters were determined for each distribution. These were: 1) rainfall rate (mm/hr); 2) radar reflectivity (mm^6/m^3); 3) liquid water content (gms/m^3); and 4) total number of drops. In addition, the drop spectra were depicted in two forms; one presented the drops as they actually impinged, in real time, on the spectrometer sensor while the other converted that distribution to a volumetric spectra. This was accomplished by utilizing the drop terminal velocities to determine the number of each size category that would have been present in a cubic meter volume

Table 1

LISTING AND STATUS OF McCOY SPECTROMETER TAPES

<u>Tape Date</u>	<u>Location and Number</u>	<u>Comments</u>
14 Aug	?	Blank - Nothing on tape
14 Aug	1	Possible rain - NW
14 Aug	2	Possible rain - NW
14 Aug	?	Possible rain - NW
15 Aug	C	Rain - W
20 Aug	A-1	Rain - W
20 Aug	A-2	Rain - W
20 Aug	C-1	Rain - W
21 Aug	A-1	Rain - W
21 Aug	B-1	Rain - W
21 Aug	C-1	Rain - NW
23 Aug	A-1	Rain - W
23 Aug	A-2	Rain - W
23 Aug	A-3	Rain - W
23 Aug	B-1	No rain data on tape
23 Aug	B-2	No rain data on tape
23 Aug	B-3	No rain data on tape
30 Aug	A	Rain - W
30 Aug	B	No rain data on tape
30 Aug	C	Possible rain - W
31 Aug	A-1	Possible rain - W
31 Aug	A-2	Possible rain - W
31 Aug	A-3	Blank - Nothing on tape
31 Aug	A-4	Possible rain - W
31 Aug	B-1	Data reduced
31 Aug	B-2	Blank - Nothing on tape
31 Aug	B-3	Blank - Nothing on tape
31 Aug	C-1	Rain - W
31 Aug	C-2	Possible rain - W
31 Aug	C-3	Possible rain - first half W
1 Sep	A-1	Data reduced - data incorrect
1 Sep	A-2	Data reduced - data incorrect
1 Sep	A-3	Data reduced - data incorrect
1 Sep	B-1	Noise on tape - no data
1 Sep	B-2	Blank - Nothing on tape
1 Sep	B-3	Blank - Nothing on tape
1 Sep	C-1	Data reduced
1 Sep	C-2	Possible rain - W
1 Sep	C-3	Rain - W
4 Sep	B	Possible rain - W
4 Sep	C (Top)	Possible rain - NW
4 Sep	C	Possible rain - NW

Table 1 (continued)

<u>Tape Date</u>	<u>Location and Number</u>	<u>Comments</u>
5 Sep	A	Possible rain - W
5 Sep	C	Possible rain - W
7 Sep	A-1	Data reduced
7 Sep	A-2	Possible rain - W
7 Sep	B-2	Possible rain - W
7 Sep	C-1	Rain - W
7 Sep	C-2	Rain - W

W - tape probably can be processed on Wang computer-repeated cal. tones on many of these tapes necessitate data reduction time of 3-4 hours per tape.

NW - tape cannot be processed on Wang computer although tape may be "hand analyzed" by hookup to oscilloscope; light rains can be processed in this manner by counting and sizing drops on scope.

above the sensor. This "volumetric" distribution is useful when attempting to correlate radar measured parameters based on volume scanning, with raindrop distributions measured at the ground.

Drop distributions of all the data processed to date are included in Appendix A.

Summary

Due to the problems alluded to in the Data Collection phase of this report, the number of rain days with reduced drop-size data was limited to three as of the close of the contract period.

It was found that at rainfall rates exceeding approximately 40 mm/hr, the spectrometer rates exceeded those measured by the tipping bucket gages for the same time periods. A maximum rate of approximately 190 mm/hr (based on a 15 sec exposure) was measured with the spectrometer while the tipping bucket gage maximum rate during this period was approximately 140 mm/hr.

Appendix A

APPENDIX A

Drop Distribution Format

9 digit code number - dddt_ht_ht_mt_ms_s

ddd - day of year

t_ht_ht_mt_ms_s - time in hours, minutes and second based on
a 24-hr. clock.

RR - Rainfall rate in mm/hr.

Z - Radar reflectivity factor in mm^6/m^3

LWC - Liquid water content in gms/m^3 and gms per unit time

N_T - Total number of drops/ m^3 and per unit time

Cal constant - calibration constant

The following listing of whole numbers is the drop distribution read horizontally from left to right; each entry is the number of drops per 0.1 mm diameter beginning with 0.1 mm. The following listing of decimal numbers represents the percent of total for each of the above categories.

These are two sets of distributions for each time period. The second in each series represents the drop spectra that actually impinged on the sensor surface in the indicated time period while the first is a volumetric distribution calculated from the second. The units for LWC and N_T indicated above vary with the type of distribution.

[illegible]

RR 2 LNC NT CAL CONSTANT																									
44152509		12.690 88729		.407		16		1.000																	
0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	3																								
000	000	000	000	000	000	000	000	000	18.750	12.500	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
003	000	000	000	000	000	000	000	000	6.250	000	6.250	000	6.250	000	6.250	000	000	000	000	000	000	000	000	000	000
6.250	000	6.250	6.250	6.250	6.250	000	000	000	000	000	6.250	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	18.750																			
44152539		59.232 398194		1.913		89		1.000																	
0	0	0	0	0	0	18	0	5	0	2	0	5	2	0	0	1	3	3	0	0	1	0	1	0	0
3	1	2	4	2	5	5	2	0	0	1	0	1	1	1	2	1	1	1	1	0	1	1	0	2	0
0	7	3																							
000	000	000	000	000	000	000	20.224	000	5.617	000	2.247	000	5.617	2.247	000	000	000	000	000	000	000	000	000	000	000
1.123	3.370	3.370	000	000	000	1.123	000	1.123	000	1.123	000	3.370	1.123	2.247	4.494	2.247	5.617								
5.617	2.247	000	000	1.123	000	1.123	1.123	2.247	1.123	2.247	1.123	1.123	1.123	1.123	1.123	000	1.123								
1.123	000	2.247	000	000	7.865	3.370																			
44152609		47.099 236741		1.530		95		1.000																	
0	0	0	0	0	0	21	0	2	2	2	2	2	0	2	0	1	3	0	4	3	0	1	0	1	2
1	2	2	3	4	2	5	3	3	1	3	2	4	2	0	0	0	1	1	1	0	0	1	1	2	0
0	1	2																							
000	000	000	000	000	000	000	22.105	000	2.105	2.105	2.105	2.105	2.105	2.105	000	2.105	000								
1.052	3.157	000	4.210	3.157	000	1.052	000	1.052	2.105	1.052	2.105	1.052	2.105	2.105	3.157	4.210	2.105								
5.263	3.157	3.157	1.052	3.157	2.105	4.210	2.105	000	000	000	1.052	1.052	1.052	1.052	000	000									
1.052	1.052	2.105	000	000	1.052	2.105																			
44152639		45.101 205980		1.422		128		1.000																	
0	0	0	0	0	0	39	3	9	0	0	6	2	0	2	5	1	0	1	3	0	1	2	1	1	6
3	7	5	2	3	4	1	2	1	2	0	2	1	1	0	1	1	1	1	0	2	2	0	0	1	0
1	2																								
000	000	000	000	000	000	000	30.468	2.343	7.031	000	000	4.687	1.562	000	1.562	3.906									
781	000	781	2.343	000	781	1.562	781	781	781	4.687	2.343	5.468	3.906	1.562	2.343	3.125									
781	1.562	781	1.562	000	1.562	781	781	781	781	781	781	781	781	781	781	781	000	1.562	2.343	3.125					
000	000	781	000	781	1.562																				
44152709		10.587 61649		.345		32		1.000																	
0	0	0	0	0	0	6	5	0	0	2	0	0	0	0	0	0	0	1	0	4	0	1	0	0	
1	0	4	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	1	1																							
000	000	000	000	000	000	000	18.750	15.625	000	000	6.250	000	000	000	000	000	000								
3.125	000	12.500	000	3.125	000	000	6.250	3.125	000	3.125	000	3.125	000	12.500	000	000	3.125								
000	000	3.125	000	3.125	000	000	000	000	000	000	000	000	000	000	000	000	000								
000	000	000	000	000	000	3.125	3.125																		

	RR	Z	LNC	NT	CAL	CONSTANT																			
44152739	18.429	94611	.603	48	1.000																				
0	0	0	0	0	0	3	5	5	0	2	2	2	0	0	0	1	3	1	1	3	0	1	0	0	2
1	3	0	0	2	0	2	1	0	1	1	0	1	0	0	0	0	0	1	0	0	2	0	0	0	1
0	1																								
.000	.000	.000	.000	.000	.000	.000	6.250	10.416	10.416	.000	4.166	4.166	4.166	.000	.000	.000									
2.083	6.250	2.083	2.083	6.250	.000	2.083	.000	.000	.000	4.166	2.083	6.250	.000	.000	4.166	.000									
4.166	2.083	.000	2.083	2.083	.000	2.083	.000	.000	.000	.000	.000	.000	2.083	.000	.000	4.166									
.000	.000	.000	2.083	.000	2.083																				
44152809	20.972	119885	.674	39	1.000																				
0	0	0	0	0	0	6	5	0	0	2	0	0	0	0	0	0	0	1	1	1	0	1	0	2	
3	2	1	1	1	3	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	
1	1																								
.000	.000	.000	.000	.000	.000	.000	15.384	12.820	.000	.000	5.128	.000	.000	.000	.000	.000									
.000	.000	.000	2.564	2.564	2.564	2.564	.000	2.564	.000	5.128	7.692	5.128	2.564	2.564	2.564	7.692									
.000	5.128	.000	.000	.000	.000	.000	.000	.000	2.564	.000	.000	.000	2.564	.000	2.564	.000	2.564								
.000	.000	2.564	2.564	2.564	2.564																				
44152839	35.833	211949	1.175	61	1.000																				
0	0	0	0	0	0	9	3	2	0	2	0	0	2	2	0	0	0	1	0	3	3	0	1	0	0
5	1	3	2	1	2	0	1	1	2	1	0	1	1	0	1	0	0	2	1	0	0	2	1	2	0
0	3																								
.000	.000	.000	.000	.000	.000	.000	14.754	4.918	3.278	.000	3.278	.000	.000	3.278	3.278	.000									
.000	.000	1.639	.000	4.918	4.918	.000	1.639	.000	.000	0.196	1.639	4.918	3.278	1.639	3.278										
.000	1.639	1.639	3.278	1.639	.000	1.639	1.639	.000	1.639	.000	.000	.000	3.278	1.639	.000	.000									
3.278	1.639	3.278	.000	.000	4.918																				
44152909	16.181	74374	.458	33	1.000																				
0	0	0	0	0	0	6	3	2	0	4	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0
0	0	2	2	1	0	2	0	1	0	0	0	2	0	0	0	0	1	0	1	0	0	0	0	1	0
0	1																								
.000	.000	.000	.000	.000	.000	.000	18.181	9.090	6.060	.000	12.121	.000	.000	.000	.000	.000									
3.030	.000	.000	.000	.000	.000	.000	.000	3.030	.000	.000	.000	.000	6.060	6.060	3.030	.000									
6.060	.000	3.030	.000	.000	.000	.000	6.060	.000	.000	.000	.000	.000	3.030	.000	3.030	.000									
.000	.000	3.030	.000	.000	3.030																				
44152939	5.655	28158	.183	19	1.000																				
0	0	0	0	0	0	9	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0
.000	.000	.000	.000	.000	.000	.000	47.368	.000	.000	10.526	.000	10.526	.000	.000	.000	.000									
.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.263	.000	5.263	.000	5.263	.000	5.263								
.000	.000	.000	.000	.000	.000	.000	5.263	.000	5.263	.000	.000	.000	.000	.000	.000	.000	.000								
.000	.000	5.263																							

[illegible]

RR				2				LWC				NT				CAL				CONSTANT					
44153309				38.832 138304				1.158 118				1.000													
0	0	0	0	0	0	24	0	5	2	8	0	5	7	2	0	1	0	1	9	0	4	6	2	4	3
3	1	5	1	1	3	4	1	1	2	3	1	0	0	0	0	1	3	0	3	0	0	0	0	0	0
2																									
000	000	000	000	000	000	000	000	20.338	000	4.237	1.694	6.779	000	4.237	5.932	1.694	000	000	000	4.237	847	847	2.542	000	000
847	000	847	7.627	000	3.389	5.084	1.694	3.389	2.542	2.542	847	4.237	847	847	2.542	000	000	000	2.542	000	000	000	000	000	000
3.389	847	847	1.694	2.542	847	000	000	000	000	000	847	2.542	000	2.542	000	2.542	000	2.542	000	000	000	000	000	000	000
000	000	000	000	000	1.694																				
44153339				31.295 174092				1.031 73				1.000													
0	0	0	0	0	3	9	5	2	0	0	0	4	0	3	3	1	1	4	1	0	1	2	4	4	3
1	2	2	0	2	0	2	1	0	0	0	0	1	1	0	1	0	0	0	4	1	0	0	2	0	0
2				1																					
000	000	000	000	000	000	4.109	12.328	6.849	2.739	000	000	000	5.479	000	4.109	4.109	4.109	000	2.739	000	2.739	000	000	000	000
1.369	1.369	5.479	1.369	000	1.369	2.739	5.479	5.479	4.109	1.369	2.739	000	000	000	000	000	000	5.479	1.369	000	1.369	000	000	000	000
2.739	1.369	000	000	000	000	000	1.369	1.369	000	1.369	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	2.739	000	000	000	2.739	1.369																			
44153409				14.644 69277				.479 46				1.000													
0	0	0	0	0	0	12	3	0	2	2	0	2	0	2	0	1	0	3	0	0	0	1	1	2	2
1	2	0	0	3	0	1	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0
1																									
000	000	000	000	000	000	000	26.086	6.521	000	4.347	4.347	000	4.347	000	4.347	000	000	4.347	000	6.521	000	6.521	000	000	000
2.173	000	6.521	000	000	000	000	2.173	2.173	4.347	4.347	2.173	4.347	000	000	000	000	000	000	000	000	000	000	000	000	000
2.173	000	000	000	000	000	000	000	000	2.173	000	2.173	000	2.173	000	2.173	000	2.173	000	2.173	000	000	000	000	000	000
2.173	000	000	000	000	2.173																				
44153439				14.633 96127				.471 21				1.000													
0	0	0	0	0	0	0	5	2	0	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0
0	0	1	0	0	0	1	0	0	0	0	0	1	0	2	0	0	0	0	1	1	1	0	0	0	0
0				1				1																	
000	000	000	000	000	000	000	000	23.809	9.523	000	000	000	9.523	000	000	000	000	9.523	000	000	000	000	000	000	000
000	000	000	4.761	000	4.761	000	000	000	000	000	000	000	000	000	000	000	000	4.761	000	000	000	000	000	000	000
4.761	000	000	000	000	000	000	4.761	000	9.523	000	000	000	000	000	000	000	000	4.761	4.761	4.761	4.761	000	000	000	000
000	000	000	000	000	4.761	4.761																			
44153509				6.595 33343				.146 6				1.000													
0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0				1																					
000	000	000	000	000	000	000	50.000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
16.666	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	16.666	000	000	000	000	000	000	000
000	000	000	000	000	000	16.666																			

[illegible]

	RR	Z	LWC	NT	CAL CONSTANT																
44152239	4.474	****	.143	9	1.000																
0 0 0 0 0 0 1 0 2 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0																					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0																					
000 000 000 000 000 000 11.111 000 22.222 000 11.111 11.111 000 000 11.111 000																					
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000																					
11.111 000 000 000 000 000 000 000 000 000 22.222 000 000 000 000 000																					
44152309	9.780	****	.311	27	1.000																
0 0 0 0 0 1 1 2 0 1 0 0 0 1 0 1 1 1 1 2 2 2 1 0 1 1																					
0 0 0 0 0 0 0 2 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0																					
000 000 000 000 000 3.703 3.703 7.407 000 3.703 000 000 000 000 3.703 000																					
3.703 3.703 3.703 7.407 7.407 7.407 3.703 000 3.703 3.703 000 000 000 3.703 000																					
000 7.407 3.703 000 3.703 000 000 000 000 000 3.703 000 000 3.703 3.703 000																					
000 000 000 000 000 3.703 000 000 000 000 000 000 000 000 000 000																					
44152339	50.289	****	1.612	96	1.000																
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44152409	25.606	****	.821	34	1.000																
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44152439	31.329	****	1.004	47	1.000																
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RR Z LWC NT CAL CONSTANT																										
44152739		18.429					*****					.590					35					1.000				
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1	3	0	0	2	0	2	1	0	1	1	0	1	0	0	0	0	0	1	0	0	2	0	0	0	1	
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000	000	000	000	000	000	000	2.857	5.714	5.714	000	2.857	2.857	2.857	000	000	000	000	000	000	000	000	000	000	000	000	
2.857	5.714	2.857	2.857	5.714	000	2.857	000	000	5.714	2.857	0.571	000	000	5.714	000	000	5.714	000	000	5.714	000	000	000	000	000	
5.714	2.857	000	2.857	2.857	000	2.857	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	5.714		
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44152809		20.972					*****					.672					31					1.000				
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3	2	1	1	1	3	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	1	
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000	000	000	000	000	000	000	6.451	6.451	000	000	3.225	000	000	000	000	3.225	000	000	000	000	000	000	000	000	000	
000	000	000	3.225	3.225	3.225	000	000	3.225	000	6.451	9.677	6.451	3.225	3.225	3.225	3.225	3.225	3.225	3.225	3.225	3.225	3.225	3.225	3.225	9.677	
000	6.451	000	000	000	000	000	000	000	3.225	000	000	000	3.225	000	000	3.225	000	3.225	000	3.225	000	3.225	000	3.225	000	
000	000	3.225	3.225	3.225	3.225	3.225	3.225																			
44152839		35.833					*****					1.149					46					1.000				
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000	000	000	000	000	000	000	6.521	2.173	2.173	000	2.173	000	000	2.173	000	000	2.173	2.173	000	000	2.173	2.173	000	000	000	
000	000	2.173	000	4.347	4.347	000	000	2.173	000	000	8.695	2.173	6.521	4.347	2.173	4.347	2.173	4.347	000	000	4.347	2.173	000	000	000	
000	2.173	2.173	4.347	2.173	000	2.173	2.173	000	2.173	000	2.173	000	000	4.347	2.173	000	000	4.347	2.173	000	000	000	000	000	000	
4.347	2.173	4.347	000																							

	RR	Z	LWC	NT	CAL CONSTANT																
44153009	32.652	****	1.047	33	1.000																
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44152039	1.669	****	.053	3	1.000																
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44153109	1.710	****	.054	7	1.000																
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44153139	1.201	****	.030	7	1.000																
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44153209	5.075	****	.162	8	1.000																
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44153239	15.394	****	.493	28	1.000																
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		RR	Z	LWC	NT	CAL. CONSTANT																										
44153309		38.832	****	1.245	85	1.000																										
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2																																
000	000	000	000	000	000	000	9.411	000	2.352	1.176	4.705	000	3.529	4.705	1.176	000	1.176	000	1.176	0.235	000	3.529	5.882	2.352	3.529	3.529	3.529	1.176	5.882	1.176	1.176	3.529
1.176	000	1.176	0.235	000	3.529	5.882	2.352	3.529	3.529	3.529	3.529	1.176	5.882	1.176	1.176	3.529	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
4.705	1.176	1.176	2.352	3.529	1.176	000	000	000	000	000	000	1.176	3.529	000	3.529	000	3.529	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
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44153339		31.295	****	1.003	54	1.000																										
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2																																
000	000	000	000	000	000	1.851	5.555	3.703	1.851	000	000	000	3.703	000	3.703	3.703	000	3.703	3.703	000	000	000	000	000	000	000	000	000	000	000	000	
1.851	1.851	5.555	1.851	000	1.851	3.703	5.555	5.555	5.555	1.851	3.703	3.703	000	3.703	000	3.703	000	3.703	000	000	000	000	000	000	000	000	000	000	000	000	000	
3.703	1.851	000	000	000	000	1.851	1.851	000	1.851	000	1.851	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
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44153409		14.644	****	469	31	1.000																										
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3.225	000	6.451	000	000	000	3.225	3.225	6.451	6.451	3.225	6.451	000	000	9.677	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
3.225	000	000	000	000	000	000	000	3.225	000	3.225	000	3.225	000	3.225	000	3.225	000	3.225	000	3.225	000	3.225	000	000	000	000	000	000	000	000	000	
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44153439		14.633	****	469	16	1.000																										
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6.250	000	000	6.250	000	6.250	000	6.250	000	000	000	000	000	000	000	000	000	000	6.250	000	000	000	000	000	000	000	000	000	000	000	000	000	
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44153509		6.595	****	211	5	1.000																										
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	RR	Z	LWC	NT	CAL CONSTANT																
41153539	3.724	*****	.119	11	1.000																
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44153609	.172	*****	.005	4	1.000																
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44153639	1.493	*****	.047	2	1.000																
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44153709	1.107	*****	.035	4	1.000																
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44153739	.179	*****	.005	2	1.000																
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RR	Z	LWC	NT	CAL	CONSTANT
244162600	5.358	31838	174	11	1.000
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9.090	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000
244162630	1.303	3131	042	4	1.000
000	000	000	000	000	000
000	000	000	000	000	000
25.000	000	000	000	000	000
000	000	000	000	000	000
244162700	7.001	35175	227	13	1.000
000	000	000	000	000	000
000	000	000	000	000	000
7.692	000	000	000	000	000
000	000	000	000	000	000
244162730	2.060	12474	066	2	1.000
000	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000
244162800	4.883	29327	156	7	1.000
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000	000	000	000	000	000
14.285	000	000	000	000	000
000	000	000	000	000	000
000	000	000	000	000	000

	RR	Z	LWC	NT	CAL	CONSTANT																		
244162830	4.640	32088	149	8	1.000																			
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0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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000	000	000	000	000	000	000	12.500	000	12.500	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	12.500	12.500	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	000	12.500																	
244162900	6.912	39741	222	9	1.000																			
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000	000	000	11.111	000	000	000	000	000	11.111	000	000	000	000	000	000	000	000	000	000	11.111	000	000	000	000
000	000	000	000	000	000	11.111	000	11.111	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
11.111	000	11.111																						
244162930	15.938	84249	521	33	1.000																			
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3	0	0	0	3	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1
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000	000	000	000	000	000	000	9.090	15.151	000	000	000	000	000	000	000	000	000	000	000	6.060	000	000	000	000
000	000	000	000	000	000	3.030	3.030	3.030	15.151	6.060	9.090	000	000	000	000	000	000	000	000	000	9.090	000	000	000
3.030	000	000	000	000	000	000	000	000	3.030	000	000	000	000	000	000	000	000	000	000	3.030	000	3.030	3.030	000
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244163000	19.478	106915	634	45	1.000																			
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1	2	1	2	0	1	0	2	1	1	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0
0	1	0	1																					
000	000	000	000	000	000	000	26.666	6.666	000	000	000	000	4.444	000	000	000	4.444	000	000	4.444	000	000	000	000
000	2.222	000	000	000	11.111	000	000	2.222	000	000	2.222	000	000	2.222	4.444	2.222	4.444	000	000	2.222	000	000	000	000
000	4.444	2.222	2.222	2.222	000	4.444	000	4.444	000	4.444	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	2.222	000	2.222	000	2.222	000	2.222															
244163030	30.194	170724	990	61	1.000																			
0	0	0	0	0	0	0	5	0	2	0	2	5	2	5	0	1	1	0	4	3	1	1	1	3
3	1	0	3	0	3	0	0	2	1	0	2	0	0	1	2	0	0	1	0	1	1	0	0	0
1	1	2																						
000	000	000	000	000	000	000	000	8.196	000	3.278	000	3.278	000	3.278	8.196	3.278	8.196	000	000	3.278	000	4.918	000	4.918
000	1.639	1.639	000	6.557	4.918	1.639	1.639	1.639	1.639	4.918	4.918	1.639	000	4.918	000	1.639	000	000	1.639	000	1.639	000	1.639	1.639
000	000	3.278	1.639	000	3.278	000	000	000	1.639	3.278	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	1.639	1.639	3.278																		

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RR Z LWC NT CAL CONSTANT

244163600 37.376 232117 1.142 65 1.000

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1 2 3 1 3 1 1 0 1 1 0 0 0 1 0 0 2 0 0 1 1 0 1 0 1 0
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.000 .000 .000 .000 .000 .000 18.461 7.692 .000 .000 6.153 3.076 3.076 .000 3.076 4.615
.000 .000 .000 1.538 .000 .000 3.076 1.538 3.076 3.076 1.538 3.076 4.615 1.538 4.615 1.538
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244163630 23.952 121698 771 39 1.000

0 0 0 0 0 0 0 3 5 0 0 2 2 0 0 0 0 1 0 0 0 1 2 0 0 1
0 1 3 0 0 2 1 2 3 0 1 0 0 0 1 0 0 1 2 0 1 0 1 1 2

.000 .000 .000 .000 .000 .000 .000 7.692 12.820 .000 .000 5.128 5.128 .000 .000 .000
.000 2.564 .000 .000 .000 2.564 5.128 .000 .000 2.564 .000 2.564 7.692 .000 .000 5.128
2.564 5.128 7.692 .000 2.564 .000 .000 .000 2.564 .000 .000 2.564 5.128 .000 2.564 .000
2.564 2.564 5.128

244163700 29.236 154317 955 68 1.000

0 0 0 0 0 0 15 3 0 0 0 0 5 0 3 0 1 3 1 1 0 0 1 1 4 2
3 3 3 1 1 3 0 1 2 1 1 0 0 0 0 1 0 0 1 1 1 2 0 0 0 0
0 3

.000 .000 .000 .000 .000 .000 22.058 4.411 .000 .000 .000 .000 7.353 .000 4.411 .000
1.470 4.411 1.470 1.470 .000 .000 1.470 1.470 5.822 2.941 4.411 4.411 4.411 1.470 1.470 4.411
.000 1.470 2.941 1.470 1.470 .000 .000 .000 .000 1.470 .000 .000 1.470 1.470 1.470 2.941
.000 .000 .000 .000 .000 4.411

244163730 11.838 35594 396 43 1.000

0 0 0 0 0 0 3 3 2 4 2 0 2 0 2 0 0 1 0 4 1 0 4 0 0 0
3 2 1 1 0 0 1 0 0 0 2 0 2 1 0 0 1 1

.000 .000 .000 .000 .000 .000 6.976 6.976 4.651 9.302 4.651 .000 4.651 .000 4.651 .000
.000 2.325 .000 9.302 2.325 .000 9.302 .000 .000 .000 6.976 4.651 2.325 2.325 .000 .000
2.325 .000 .000 .000 4.651 .000 4.651 2.325 .000 .000 2.325 2.325

244163800 11.422 31969 377 39 1.000

0 0 0 0 0 0 3 0 2 0 4 4 0 0 0 2 0 0 1 0 3 1 2 2 1 1
0 2 1 1 1 1 1 1 0 0 1 0 2 0 0 0 1 1

.000 .000 .000 .000 .000 .000 7.692 .000 5.128 .000 10.256 10.256 .000 .000 .000 5.128
.000 .000 2.564 .000 7.692 2.564 5.128 5.128 2.564 2.564 .000 5.128 2.564 2.564 2.564 2.564
2.564 2.564 .000 .000 2.564 .000 5.128 .000 .000 .000 2.564 2.564

				RR	Z	LWC				NT	CAL CONSTANT														
244163830				28.439	163008	.933				70	1.000														
0	0	0	0	0	0	9	3	2	4	2	0	4	2	2	3	1	1	1	4	0	4	2	1	1	1
1	2	0	1	3	1	1	3	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	3
2																									
000	000	000	000	000	000	000	12.857	4.285	2.857	5.714	2.857	000	5.714	2.857	2.857	4.285	000	000	000	000	000	000	000	000	000
1.428	1.428	1.428	5.714	000	5.714	2.857	1.428	1.428	1.428	1.428	1.428	2.857	000	1.428	4.285	1.428	000	000	000	000	000	000	000	000	000
1.428	4.285	1.428	1.428	000	000	000	000	000	000	1.428	1.428	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	1.428	4.285	2.857																					
244163900				33.570	169320	1.120				91	1.000														
0	0	0	0	0	0	21	0	5	2	2	0	2	5	2	0	1	0	4	3	1	1	4	4	2	2
2	6	3	2	0	0	0	0	0	1	0	0	2	2	0	3	0	0	2	2	1	0	1	1	0	0
0																									
000	000	000	000	000	000	23.076	000	5.494	2.197	2.197	000	2.197	5.494	2.197	000	000	000	000	000	000	000	000	000	000	000
1.098	000	4.395	3.296	1.098	1.098	4.395	4.395	2.197	2.197	2.197	6.593	3.296	2.197	000	000	2.197	2.197	1.098	000	000	000	000	000	000	000
000	000	000	1.098	000	000	2.197	2.197	000	3.296	000	000	2.197	2.197	1.098	000	000	000	000	000	000	000	000	000	000	000
1.098	1.098	000	000	000	2.197																				
244163930				33.312	111235	1.052				106	1.000														
0	0	0	0	0	0	21	8	2	2	0	0	0	2	0	3	1	1	8	0	3	8	1	1	4	2
6	4	1	4	2	3	4	4	2	0	2	1	0	0	1	1	0	0	0	0	0	1	1	1	0	1
000																									
943	943	7.547	000	2.830	7.547	943	943	3.773	1.886	5.660	3.773	943	3.773	1.886	2.830	000	000	000	000	000	000	000	000	000	000
3.773	3.773	1.886	000	1.886	943	000	000	943	943	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
943	943	000	943																						
244164000				56.245	290294	1.812				144	1.000														
0	0	0	0	0	0	18	18	2	2	4	7	0	3	2	3	1	9	1	4	4	6	0	4	5	5
5	4	2	1	1	3	1	2	3	3	1	1	2	1	1	0	1	0	1	2	0	2	2	1	0	1
3																									
000	000	000	000	000	000	12.500	12.500	1.388	1.388	2.777	4.861	000	2.003	1.388	2.003	000	000	000	000	000	000	000	000	000	000
694	6.250	694	2.777	2.777	4.166	000	2.777	3.472	3.472	3.472	2.777	1.388	694	694	2.003	000	000	000	000	000	000	000	000	000	000
694	1.388	2.003	2.003	694	694	1.388	694	694	000	694	000	694	1.388	694	1.388	000	000	000	000	000	000	000	000	000	000
1.388	694	000	694	2.003	1.388																				
244164030				35.417	167487	1.116				99	1.000														
0	0	0	0	0	0	15	3	2	4	6	6	5	3	5	0	4	1	1	3	0	4	1	1	4	2
5	2	0	0	3	0	0	1	0	2	2	1	0	1	0	3	0	1	2	0	1	1	0	1	1	0
2																									
000	000	000	000	000	000	15.151	3.030	2.020	4.040	6.060	6.060	5.050	3.030	5.050	000	000	000	000	000	000	000	000	000	000	000
4.040	1.010	1.010	3.030	000	4.040	1.010	1.010	4.040	2.020	5.050	2.020	000	000	3.030	000	000	000	000	000	000	000	000	000	000	000
000	1.010	000	2.020	2.020	1.010	000	1.010	000	3.030	000	1.010	2.020	000	1.010	2.020	000	000	1.010	1.010	000	000	000	000	000	000
000	1.010	1.010	000	2.020	000	2.020																			

RR Z LWC NT CAL CONSTANT																										
244164100		51.816 272748		1.702 103		1.000																				
0	0	0	0	0	0	6	0	5	2	2	7	2	2	2	5	1	4	3	1	1	3	4	2	4	3	
0	1	3	5	3	3	1	1	0	1	1	0	1	3	2	4	1	2	1	1	0	1	2	1	0	2	1
000	000	000	000	000	000	000	000	5.825	000	4.854	1.941	1.941	6.796	1.941	1.941	1.941	1.941	1.941	1.941	1.941	1.941	1.941	1.941	1.941	4.854	
970	3.893	2.912	970	970	2.912	3.883	1.941	3.883	2.912	970	2.912	4.854	2.912	970	2.912	4.854	2.912	970	2.912	4.854	2.912	970	2.912	4.854	970	
970	000	970	970	000	970	2.912	1.941	3.883	970	1.941	3.883	970	1.941	970	970	000	970	1.941	970	1.941	970	1.941	970	1.941	970	
970	000	1.941	970	000	2.912																					
244164130		41.035 198658		1.326 82		1.000																				
0	0	0	0	0	0	9	0	5	2	0	0	2	2	3	3	0	1	0	1	1	0	0	2	0	3	
0	1	1	3	4	3	1	7	2	1	2	0	1	2	1	1	0	1	1	0	3	2	0	0	0	1	
1	0	1																								
000	000	000	000	000	000	000	10.975	9.756	6.097	2.439	000	000	2.439	2.439	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	
000	1.219	000	1.219	1.219	000	000	000	2.439	000	3.658	000	1.219	1.219	3.658	4.878	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	3.658	
1.219	8.536	2.439	1.219	2.439	000	1.219	2.439	1.219	1.219	1.219	1.219	1.219	1.219	000	1.219	1.219	000	3.558	2.439	2.439	2.439	2.439	2.439	2.439	2.439	
000	000	000	1.219	1.219	000	1.219																				
244164200		45.372 233457		1.476 90		1.000																				
0	0	0	0	0	0	9	3	7	2	4	0	4	0	0	2	6	3	3	1	0	1	2	0	2	0	
2	3	4	2	3	2	0	1	0	0	1	4	0	1	1	1	3	1	1	1	2	2	2	1	2	0	
1																										
000	000	000	000	000	000	000	10.000	3.333	7.777	2.222	4.444	000	4.444	000	000	2.222	2.222	2.222	2.222	2.222	2.222	2.222	2.222	2.222	2.222	
6.666	3.333	3.333	1.111	000	1.111	2.222	000	2.222	000	2.222	000	2.222	3.333	4.444	2.222	3.333	4.444	2.222	3.333	4.444	2.222	3.333	4.444	2.222	2.222	
000	1.111	000	000	1.111	4.444	000	1.111	1.111	1.111	1.111	3.333	1.111	1.111	1.111	1.111	1.111	1.111	1.111	2.222	2.222	2.222	2.222	2.222	2.222	2.222	
2.222	1.111	2.222	000	1.111																						
244164230		53.461 246187		1.702 125		1.000																				
0	0	0	0	0	0	9	5	12	2	0	2	0	0	6	3	4	4	3	5	4	5	2	0	6	2	
8	4	4	2	2	2	0	3	3	0	3	2	1	2	0	2	3	0	1	3	0	1	0	1	0	0	
0	4																									
000	000	000	000	000	000	000	7.200	4.000	9.600	1.600	000	1.600	000	000	000	4.800	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	
3.200	3.200	2.400	4.000	3.200	4.000	1.600	000	4.800	1.600	6.400	3.200	3.200	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	
000	2.400	2.400	000	2.400	1.600	000	1.600	000	1.600	000	1.600	2.400	000	800	2.400	000	800	2.400	000	800	000	800	000	800	800	
000	800	000	000	000	3.200																					
244164300		49.584 267444		1.550 85		1.000																				
0	0	0	0	0	0	6	3	2	0	2	2	0	2	5	2	1	4	1	1	1	3	2	5	2	3	
2	0	4	2	3	3	1	0	1	3	0	0	0	1	1	1	4	1	1	0	0	3	0	1	1	0	
2	3																									
000	000	000	000	000	000	000	7.058	3.529	2.352	000	2.352	2.352	000	2.352	2.352	000	2.352	5.892	2.352	2.352	2.352	2.352	2.352	2.352	2.352	
1.176	4.705	1.176	1.176	1.176	3.529	2.352	5.892	2.352	3.529	2.352	000	4.705	2.352	3.529	3.529	000	4.705	2.352	3.529	3.529	3.529	3.529	3.529	3.529	3.529	
1.176	000	1.176	3.529	000	000	000	1.176	1.176	1.176	1.176	4.705	1.176	1.176	1.176	4.705	1.176	1.176	000	000	000	000	000	000	000	3.529	
000	1.176	1.176	000	2.352	3.529																					

RR	Z	LWC	NT	CAL	CONSTANT																				
244164330	47.558	238867	1.565	106	1.000																				
0	0	0	0	0	0	6	8	2	4	2	0	4	2	3	0	4	1	1	3	4	4	4	6	2	3
1	3	1	3	3	7	4	3	0	1	0	3	0	0	0	0	3	0	1	2	0	2	1	0	1	0
000	000	000	000	000	000	5.660	7.547	1.886	3.773	1.886	000	3.773	1.886	2.830	000	943	2.830	943	2.830	2.830	2.830	6.603	000	1.886	000
3.773	943	943	2.830	3.773	3.773	5.660	1.886	2.830	943	2.830	000	943	1.886	000	000	000	000	000	000	000	000	000	000	000	000
3.773	2.830	000	943	000	2.830	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
943	000	943	000	943	2.830																				
244164400	43.168	233467	1.434	134	1.000																				
0	0	0	0	0	0	39	8	2	4	4	4	0	8	2	0	1	0	8	0	4	0	4	5	5	3
2	2	1	2	2	1	2	0	2	0	2	1	0	0	2	1	0	2	0	2	1	1	1	1	2	0
000	000	000	000	000	000	29.104	5.970	1.492	2.985	2.985	2.985	000	5.970	1.492	000	746	1.492	1.492	746	1.492	1.492	746	1.492	000	746
1.492	000	1.492	000	1.492	746	000	000	1.492	746	000	1.492	746	000	1.492	000	000	000	000	000	000	000	000	000	000	000
746	746	1.492	000	746	1.492																				
244164430	23.331	116537	.779	82	1.000																				
0	0	0	0	0	0	21	3	2	4	0	0	2	3	2	3	1	1	3	4	3	0	2	1	4	2
3	1	1	3	2	2	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	1	2	0	0	0
000	000	000	000	000	000	25.609	3.658	2.439	4.878	000	000	2.439	3.658	2.439	3.658	1.219	1.219	3.658	2.439	2.439	2.439	1.219	1.219	1.219	1.219
1.219	1.219	3.658	4.878	3.658	000	2.439	1.219	4.878	2.439	3.658	1.219	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	1.219	000	000	1.219	000	1.219	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
2.439	000	000	000	1.219	1.219																				
244164500	42.275	195937	1.429	110	1.000																				
0	0	0	0	0	0	9	3	7	0	2	2	0	2	2	4	1	3	4	0	8	4	6	7	6	
3	6	1	0	1	2	3	3	3	0	3	1	1	0	0	1	1	1	2	0	1	0	0	0	1	2
000	000	000	000	000	000	8.181	2.727	6.363	000	1.818	1.818	000	1.818	1.818	000										
3.636	909	2.727	3.636	000	7.272	3.636	5.454	6.363	5.454	2.727	5.454	909	000	909	909	1.818	000	909	000	909	000	909	000	000	000
2.727	2.727	2.727	000	2.727	909	909	000	000	909	909	909	909	909	909	909	909	909	909	909	909	909	909	909	909	909
000	000	909	1.818	000	1.818																				
244164530	45.633	200356	1.532	140	1.000																				
0	0	0	0	0	0	27	3	2	2	4	6	2	10	5	0	1	3	5	1	4	1	2	5	4	5
2	3	3	10	5	3	1	2	2	1	0	2	1	1	0	1	0	3	0	1	2	0	2	0	0	1
000	000	000	000	000	000	19.285	2.142	1.428	1.428	2.857	4.285	1.428	7.142	3.571	000										
714	2.142	3.571	714	2.857	714	1.428	3.571	2.857	3.571	1.428	2.142	2.142	7.142	3.571	2.142	000									
714	1.428	1.428	714	000	1.428	714	714	000	714	000	2.142	000	714	1.428	000	714	1.428	000	714	1.428	000	714	1.428	000	000
1.428	000	000	714	714	714																				

RR Z LNC NT CAL CONSTANT

244164600 23.908 110363 .817 88 1.000

0 0 0 0 0 0 18 5 5 4 0 0 2 2 2 0 3 3 0 4 1 4 0 4 4 2
5 2 0 3 3 1 1 0 2 0 1 1 0 2 0 0 0 0 0 0 0 1 0 0 1 0
0 2

.000 .000 .000 .000 .000 .000 20.454 5.681 5.681 4.545 .000 .000 2.272 2.272 2.272 .000
3.409 3.409 .000 4.545 1.136 4.545 .000 4.545 4.545 2.272 5.681 2.272 .000 3.409 3.409 1.136
1.136 .000 2.272 .000 1.136 1.136 .000 2.272 .000 .000 .000 .000 .000 .000 .000 1.136
000 000 1.136 000 000 2.272

244164630 16.909 89815 .561 50 1.000

0 0 0 0 0 0 3 3 5 2 2 4 0 2 2 0 4 3 1 0 0 4 1 0 1 1
0 1 2 0 0 0 0 0 5 1 0 1 0 0 1 0 0 1 0 1 1 0 1 0 1

.000 .000 .000 .000 .000 .000 6.000 6.000 10.000 4.000 4.000 8.000 .000 4.000 4.000 .000
8.000 6.000 2.000 .000 .000 8.000 2.000 .000 2.000 .000 2.000 4.000 .000 .000 .000 .000
000 000 .000 2.000 .000 2.000 .000 .000 2.000 .000 .000 2.000 .000 2.000 2.000 .000
2.000 2.000 .000 2.000

244164700 19.038 110528 .626 58 1.000

0 0 0 0 0 0 12 5 9 0 0 2 0 0 2 2 3 0 0 1 3 1 1 0 2 2
1 0 1 0 0 0 0 1 1 1 0 1 0 0 1 0 0 1 1 1 0 0 0 0 0 1
0 2

.000 .000 .000 .000 .000 .000 20.689 8.620 15.517 .000 .000 3.448 .000 .000 3.448 3.448
5.172 .000 .000 1.724 5.172 1.724 1.724 .000 3.448 3.448 1.724 .000 1.724 .000 .000 .000
000 1.724 1.724 1.724 .000 1.724 .000 .000 1.724 .000 .000 1.724 1.724 1.724 .000 .000
000 000 .000 1.724 .000 3.448

244164730 12.193 47800 .336 38 1.000

0 0 0 0 0 0 3 3 7 0 0 0 0 2 2 2 0 0 5 1 0 1 1 1 0 1
1 0 1 0 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

.000 .000 .000 .000 .000 .000 7.894 7.894 18.421 .000 .000 .000 .000 .000 5.263 5.263 5.263
000 000 13.157 2.631 .000 2.631 2.631 2.631 .000 2.631 2.631 .000 2.631 .000 .000 2.631
2.631 2.631 2.631 .000 2.631 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000
000 000 2.631 2.631

244164800 17.563 100319 .571 32 1.000

0 0 0 0 0 0 3 5 2 0 0 0 0 0 0 1 0 0 0 0 0 1 4 1 1
0 1 3 0 1 0 0 0 1 0 0 0 2 0 0 1 0 1 0 0 0 2 0 0 0
0 2

.000 .000 .000 .000 .000 .000 9.375 15.625 6.250 .000 .000 .000 .000 .000 .000 .000
3.125 .000 .000 .000 .000 .000 3.125 12.500 3.125 3.125 .000 3.125 9.375 .000 3.125 .000
000 000 3.125 .000 .000 6.250 .000 .000 3.125 .000 3.125 .000 .000 .000 6.250
000 000 .000 .000 .000 6.250

RR	Z	LWC	NT	CAL	CONSTANT
244164830	18.612	120326	.602	29	1.000
0 0 0 0 0 0 3 0 2 2 0 0 0 0 2 2 1 0 0 1 0 0 1 0 1 0					
1 0 1 0 1 0 1 1 1 0 1 0 0 0 0 0 1 2 0 0 0 0 0 0 1 1					
0 1 1					

.000 .000 .000 .000 .000 .000 10.344 .000 6.896 6.896 .000 .000 .000 .000 6.896 6.896					
3.448 .000 .000 3.448 .000 .000 .000 3.448 .000 3.448 .000 3.448 .000 3.448 .000 .000					
3.448 3.448 3.448 .000 3.448 .000 .000 .000 .000 .000 3.448 6.896 .000 .000 .000 .000					
.000 .000 3.448 3.448 .000 3.448 3.448					

244164900	11.678	54586	.378	27	1.000
0 0 0 0 0 0 6 0 0 0 0 0 2 0 0 0 2 1 1 1 1 0 1 0 0 1 2					
1 0 0 0 0 0 0 1 1 1 0 1 0 0 0 0 1 0 0 0 2 0 0 0 1					
.000 .000 .000 .000 .000 .000 22.222 .000 .000 .000 .000 .000 7.407 .000 .000 7.407					
3.703 3.703 3.703 3.703 .000 3.703 .000 .000 3.703 7.407 3.703 .000 .000 .000 .000 .000					
.000 3.703 3.703 3.703 .000 3.703 .000 .000 .000 .000 .000 3.703 .000 .000 7.407 .000					
.000 3.703					

244164930	9.489	61292	.307	22	1.000
0 0 0 0 0 0 6 3 0 2 0 0 2 0 0 0 0 0 0 0 0 0 1 2 0 0					
0 0 0 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1					
0 1					
.000 .000 .000 .000 .000 .000 27.272 13.636 .000 9.090 .000 .000 9.090 .000 .000 .000					
.000 .000 .000 .000 .000 .000 4.545 9.090 .000 .000 .000 .000 .000 .000 .000 .000					
4.545 .000 4.545 .000 .000 .000 .000 .000 4.545 .000 .000 .000 4.545 .000 .000 .000					
.000 .000 .000 4.545 .000 4.545					

244165000	4.213	12409	.135	8	1.000
0 1 1 0 0 0 0					
0 0 0 0 2 0 0 0 1 1 0 0 0 0 0 0 0 0 1					
.000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000					
.000 .000 .000 12.500 12.500 .000 12.500 .000 .000 .000 .000 .000 .000 .000 .000 25.000 .000					
.000 .000 12.500 12.500 .000 .000 .000 .000 .000 .000 12.500					

244165030	13.152	100079	.430	23	1.000
0 0 0 0 0 0 6 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0					
1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0					
0 3					
.000 .000 .000 .000 .000 .000 26.086 .000 .000 8.695 8.695 8.695 .000 .000 .000 .000					
.000 .000 .000 .000 .000 13.043 .000 .000 .000 .000 4.347 .000 .000 .000 .000 4.347					
.000 .000 .000 4.347 .000 .000 .000 .000 .000 .000 .000 .000 4.347 .000 4.347					
.000 .000 .000 .000 .000 13.043

				RR	Z		LWC		NT		CAL CONSTANT												
244165330				3.008	12953		.098		12		1.000												
0	0	0	0	0	0	0	3	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
000	000	000	000	000	000	000	000	000	000	25.000	16.666	000	16.666	16.666	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
8.333	000	000	000	8.333	000	000	000	000	000	000	000	000	000	000	000	000	000	8.333	000	000	000	000	000

RR	Z	LWC	NT	CAL	CONSTANT
244162600	5.358	****	171	8	1.000
0 0	0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0				
000 000 000 000 000 000 000 000 12.500 000 000 000 000 000 000 000 12.500 000	12.500 000 000 000 000 000 000 000 000 000 000 000 000 12.500 12.500 000 12.500 000				
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 12.500	000 000 12.500				
244162630	1.303	****	041	3	1.000
0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
000 000 000 000 000 000 000 000 000 000 33.333 000 000 000 000 000 000 000	000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000				
33.333 000 33.333					
244162700	7.001	****	224	10	1.000
0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 0 0 1 0 0 0 0	0 0 0 0 0 0 1 0 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0				
000 000 000 000 000 000 000 000 000 000 10.000 10.000 000 000 000 000 000 10.000	10.000 000 10.000 000 000 000 10.000 000 10.000 000 000 000 10.000 000 000 000 000				
000 000 10.000					
244162730	2.060	****	066	2	1.000
0 0	0 1 0 0				
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	000 000 000 000 000 000 000 000 50.000 000 000 000 000 000 000 000 000				
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 50.000					
244162800	4.893	****	156	5	1.000
0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1				
000 000 000 000 000 000 000 20.000 000 000 000 000 000 000 000 000 000 000	000 000 000 000 000 000 000 000 20.000 000 000 000 000 000 000 000 000				
000 000 000 000 000 000 20.000 000 000 000 000 000 000 000 000 000 20.000					

244162830

244162900

244163030

RR		Z	LWC	NT	CAL	CONSTANT															
244162830		4.640	****	148	6	1.000															
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1																			
000	000	000	000	000	000	000	000	000	16.666	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	000	000	16.666	000	16.666	000	000	000	000	000	000	000	000	000	000	000
000	000	16.666	16.666	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	000	000	16.666													
244162900		6.912	****	221	8	1.000															
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
000	000	000	000	000	000	000	000	000	000	12.500	000	000	000	000	000	000	000	000	000	000	000
000	000	000	12.500	000	000	000	000	000	000	12.500	000	000	000	000	000	000	000	000	12.500	000	000
000	000	000	000	000	000	12.500	000	12.500	000	12.500	000	000	000	000	000	000	000	000	000	000	000
12.500	000	12.500																			
244162930		15.938	****	511	26	1.000															
0	0	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3	0	0	0	3	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	4
0	1																				
000	000	000	000	000	000	000	000	3.846	7.692	000	000	000	000	000	000	000	3.846	000	000	000	000
000	000	000	000	000	000	3.846	3.846	3.846	15.384	7.692	11.538	000	000	000	000	000	000	11.538	000	000	000
3.846	000	000	000	000	000	000	000	000	000	3.846	000	000	3.846	000	3.846	000	3.846	3.846	000	000	000
000	000	000	3.846	000	3.846																
244163000		19.478	****	624	32	1.000															
0	0	0	0	0	0	4	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0
1	2	1	2	0	1	0	2	1	1	1	0	2	0	2	0	0	0	0	0	0	0
0	1	0	1																		
000	000	000	000	000	000	000	12.500	3.125	000	000	000	3.125	000	000	3.125	000	000	3.125	000	000	000
000	3.125	000	000	000	000	12.500	000	3.125	000	000	3.125	000	000	3.125	6.250	3.125	6.250	000	3.125	000	000
000	6.250	3.125	3.125	3.125	000	6.250	000	6.250	000	6.250	000	000	000	000	000	000	000	000	000	000	000
000	000	000	3.125	000	3.125	000	3.125														
244163030		30.194	****	968	49	1.000															
0	0	0	0	0	0	0	0	2	0	1	0	1	3	1	3	0	1	1	0	3	2
3	1	0	3	0	3	0	0	2	1	0	2	0	0	1	2	0	0	1	0	1	1
1	1	2																			
000	000	000	000	000	000	000	000	000	000	4.081	000	2.040	000	2.040	000	2.040	6.122	2.040	6.122	000	000
000	2.040	2.040	000	6.122	4.081	2.040	2.040	2.040	2.040	6.122	6.122	2.040	000	6.122	000	6.122	000	000	6.122	000	000
000	000	4.081	2.040	000	4.081	000	000	2.040	4.081	000	000	2.040	000	2.040	000	2.040	000	2.040	2.040	2.040	2.040
000	000	000	000	2.040	2.040	4.081															

244163030
1.24.50

RR	Z	LRC	NT	CAL	CONSTANT
244163100	31.938	*****	1.024	50	1.000
0 0 0 0 0 0 3 2 3 2 3 0 0 0 0 0 1 2 1 0 2 1 2 2 0 1	1 0 0 2 3 2 2 1 1 0 0 2 0 0 0 2 0 1 1 0 0 1 0 0 2 1	0 1 2			
000 000 000 000 000 000 6.000 4.000 6.000 4.000 6.000 000 000 030 000 000	2.000 4.000 2.000 000 4.000 2.000 4.000 4.000 6.000 2.000 2.000 000 000 4.000 6.000 4.000	4.000 2.000 2.000 000 000 4.000 000 000 000 4.000 000 2.000 2.000 030 000 2.000	000 000 4.000 2.000 000 2.000 4.000		
244163130	35.622	*****	1.142	48	1.000
0 0 0 0 0 0 3 0 0 0 0 2 0 0 0 0 1 2 1 0 3 1 0 0 2 5 0	0 2 2 1 0 2 3 0 1 1 2 1 1 0 0 0 1 1 0 1 2 1 1 2 0 0	0 3			
000 000 000 000 000 000 6.250 000 000 000 000 4.166 000 030 000 2.083	4.166 2.083 000 6.250 2.083 000 000 4.166 10.416 000 000 4.166 4.166 2.033 000 4.166	6.250 000 2.083 2.083 4.166 2.083 2.083 000 000 000 2.083 2.083 000 2.033 4.166 2.083	2.083 4.166 000 000 000 6.250		
244163200	11.377	*****	364	24	1.000
0 0 0 0 0 0 1 0 1 0 0 0 0 0 1 0 2 1 0 1 0 1 1 0 1 0	2 1 0 1 2 1 0 1 0 1 0 1 2 0 0 0 1 0 0 0 0 1 1 0 1 0				
000 000 000 000 000 000 4.166 000 4.166 000 000 000 000 000 4.166 000	8.333 4.166 000 4.166 000 4.166 4.166 000 4.166 000 8.333 4.166 000 4.166 8.333 4.166	000 4.166 000 4.166 000 4.166 8.333 000 000 000 4.166 000 000 000 000 4.166			
244163230	7.710	*****	247	14	1.000
0 0 0 0 0 0 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 2 0 3 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 1				
000 000 000 000 000 000 7.142 7.142 000 7.142 000 7.142 000 000 000 000	000 000 000 000 7.142 000 000 000 000 000 000 000 000 14.285 000 21.428	000 000 7.142 000 000 000 000 000 000 7.142 7.142 000 000 000 000 7.142			
244163300	12.998	*****	416	12	1.000
0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 0 2 0 2				
000 000 000 000 000 000 8.333 000 000 8.333 8.333 000 000 000 000 000	000 8.333 000 000 000 000 000 000 000 000 000 000 8.333 000 000 000	000 000 000 000 000 000 000 000 000 8.333 8.333 000 000 000 000	16.666 000 16.666		

	RR	Z	LWC	NT	CAL CONSTANT																	
244163330	17.462	****	.559	36	1.000																	
0 0 0 0 0 0 3 1 0 0 3 2 1 0 0 1 0 0 0 1 0 2 2 1 2 0																						
0 1 0 2 2 1 1 0 1 2 1 0 0 0 0 2 0 1 0 1 0 1 0 0 0 0																						
0 1																						
000 000 000 000 000 000 8.333 2.777 000 000 8.333 5.555 2.777 000 000 2.777																						
000 000 000 2.777 000 5.555 5.555 2.777 5.555 000 2.777 000 5.555 5.555 2.777 2.777																						
000 2.777 5.555 2.777 000 000 000 000 000 5.555 000 2.777 000 2.777 000 2.777																						
000 000 000 000 000 2.777																						
244163400	30.112	****	.965	58	1.000																	
0 0 0 0 0 0 2 3 1 0 0 2 0 3 0 1 1 1 2 2 1 1 2 4 1 0																						
3 2 0 3 1 2 1 2 2 3 1 0 2 1 0 1 2 0 0 0 2 1 0 1 0 1																						
000 000 000 000 000 000 3.448 5.172 1.724 000 000 3.448 000 5.172 000 1.724																						
1.724 1.724 3.448 3.448 1.724 1.724 3.448 6.896 1.724 000 5.172 3.448 000 5.172 1.724 3.448																						
1.724 3.448 3.448 5.172 1.724 000 3.448 1.724 000 1.724 3.448 000 000 000 3.448 1.724																						
000 1.724 000 1.724																						
244163430	15.017	****	.481	39	1.000																	
0 0 0 0 0 0 2 5 1 0 2 0 0 0 2 1 1 1 2 0 0 0 0 2 2 0																						
3 0 2 4 0 1 1 0 0 0 1 0 0 1 1 1 2 0 0 0 0 0 0 1																						
000 000 000 000 000 000 5.128 12.820 2.564 000 5.128 000 000 000 5.128 2.564																						
2.564 2.564 5.128 000 000 000 000 5.128 5.128 000 7.692 000 5.128 10.256 000 2.564																						
2.564 000 000 000 2.564 000 000 2.564 2.564 2.564 5.128 000 000 000 000 000																						
2.564																						
244163500	15.863	****	.509	31	1.000																	
0 0 0 0 0 0 3 2 0 3 0 2 2 0 1 0 0 0 0 0 0 0 1 2 0 0																						
1 0 1 3 0 0 0 0 2 1 0 0 1 1 0 2 1 0 0 0 0 0 0 0 0 1																						
0 0 1																						
000 000 000 000 000 000 9.677 6.451 000 9.677 000 6.451 6.451 000 3.225 000																						
000 000 000 000 000 000 3.225 6.451 000 000 3.225 000 3.225 9.677 000 000																						
000 000 6.451 2.225 000 000 3.225 3.225 000 6.451 3.225 000 000 000 000 000																						
000 000 000 2.225 000 000 3.225																						
244163530	34.697	****	1.112	51	1.000																	
0 0 0 0 0 0 2 1 2 2 0 1 0 1 3 0 0 0 1 1 0 1 0 3 3 0																						
2 2 1 0 1 3 2 2 1 0 2 0 0 2 1 0 2 2 1 0 1 0 2 0 1																						
2																						
000 000 000 000 000 000 3.921 1.960 3.921 3.921 000 1.960 000 1.960 5.882 000																						
000 000 1.960 1.960 000 1.960 000 5.882 5.882 000 3.921 3.921 1.960 000 1.960 5.882																						
3.921 3.921 1.960 000 3.921 000 000 000 3.921 1.960 000 3.921 3.921 1.960 000 1.960																						
000 3.921 000 1.960 3.921																						

	RR	Z	LWC	NT	CAL	CONSTANT																			
244163600	37.376	****	1.198	49	1.000																				
0 0 0 0 0 0 4 2 0 0 2 1 1 0 1 2 0 0 0 1 0 0 2 1 2 2																									
1 4 1																									
000 000 000 000 000 000 8.163 4.081 000 000 4.081 2.040 2.040 000 2.040 4.081																									
000 000 000 2.040 000 000 4.081 2.040 4.081 4.081 2.040 4.081 6.122 2.040 6.122 2.040																									
2.040 000 2.040 2.040 000 000 000 2.040 000 000 4.081 000 000 2.040 2.040 000																									
2.040 2.040 2.040 000 2.040 8.163 2.040																									
244163630	23.952	****	768	32	1.000																				
0 0 0 0 0 0 0 1 2 0 0 1 1 0 0 0 0 0 1 0 0 0 1 2 0 0 1																									
0 1 3 0 0 2 1 2 3 0 1 0 0 0 1 0 0 1 2 0 1 0 1 1 2																									
000 000 000 000 000 000 000 3.125 6.250 000 000 3.125 3.125 000 000 000																									
000 3.125 000 000 000 3.125 6.250 000 000 3.125 000 3.125 9.375 000 000 6.250																									
3.125 6.250 9.375 000 3.125 000 000 000 3.125 000 000 3.125 6.250 000 3.125 000																									
3.125 3.125 6.250																									
244163700	29.236	****	937	51	1.000																				
0 0 0 0 0 0 5 1 0 0 0 0 3 0 2 0 1 2 1 1 0 0 1 1 3 2																									
3 3 3 1 1 3 0 1 2 1 1 0 0 0 0 1 0 0 1 1 1 2 0 0 0 0																									
0 3																									
000 000 000 000 000 000 9.803 1.960 000 000 000 000 5.892 000 3.921 000																									
1.960 3.921 1.960 1.960 000 000 1.960 1.960 5.892 3.921 5.892 5.892 5.892 1.960 1.960 5.892																									
000 1.960 3.921 1.960 1.960 000 000 000 000 1.960 000 000 1.960 1.960 1.960 1.960 3.921																									
000 000 000 000 000 5.892																									
244163730	11.838	****	379	31	1.000																				
0 0 0 0 0 0 1 1 1 2 1 0 1 0 1 0 0 1 0 3 1 0 3 0 0 0																									
3 2 1 1 0 0 1 0 0 0 2 0 2 1 0 0 1 1																									
000 000 000 000 000 000 3.225 3.225 3.225 6.451 3.225 000 3.225 000 3.225 000																									
000 3.225 000 9.677 3.225 000 9.677 000 000 000 9.677 6.451 3.225 3.225 000																									
3.225 000 000 000 000 6.451 000 6.451 3.225 000 000 3.225 3.225																									
244163800	11.422	****	366	30	1.000																				
0 0 0 0 0 0 1 0 1 0 2 2 0 0 0 0 1 0 0 1 0 2 1 2 2 1 1																									
0 2 1 1 1 1 1 1 0 0 1 0 2 0 0 0 1 1																									
000 000 000 000 000 000 3.333 000 3.333 000 6.666 6.666 000 000 000 3.333																									
000 000 3.333 000 6.666 3.333 6.666 6.666 3.333 3.333 000 6.666 3.333 3.333 3.333 3.333																									
3.333 3.333 000 000 3.333 000 6.666 000 000 3.333 3.333																									

RR Z LNC NT CAL CONSTANT

244163830

28.439

.911

51

1.000

0	0	0	0	0	0	3	1	1	2	1	0	2	1	1	2	1	1	1	3	0	3	2	1	1	1
1	2	0	1	3	1	1	3	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	3
000	000	000	000	000	000	000	000	000	5.882	1.960	1.960	3.921	1.960	000	3.921	1.960	1.960	3.921	1.960	1.960	3.921	1.960	1.960	3.921	
1.960	5.882	1.960	1.960	000	5.882	3.921	1.960	1.960	1.960	1.960	1.960	3.921	000	1.960	5.882	1.960	000	000	000	000	1.960	000	1.960	000	
000	000	1.960	5.882	3.921	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	

244163900

33.570

1.076

63

1.000

0	0	0	0	0	0	7	0	2	1	1	0	1	3	1	0	1	0	3	2	1	1	3	3	2	2
2	5	3	2	0	0	0	0	0	1	0	0	2	2	0	3	0	0	2	2	1	0	1	1	0	0
000	000	000	000	000	000	000	11.111	000	3.174	1.587	1.587	000	1.587	4.761	1.587	000	000	1.587	4.761	1.587	000	000	000	000	000
1.587	000	000	1.587	000	000	000	3.174	3.174	3.174	3.174	3.174	7.936	4.761	3.174	000	000	000	3.174	3.174	1.587	000	000	000	000	
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	

244163930

33.312

1.068

77

1.000

0	0	0	0	0	0	7	3	1	1	0	0	0	1	0	2	1	1	6	0	2	6	1	1	3	2
5	4	1	4	2	3	4	4	2	0	2	1	0	0	1	1	0	0	0	0	0	1	1	2	0	1
000	000	000	000	000	000	000	9.090	3.896	1.298	1.298	000	000	000	000	000	000	000	1.298	000	2.597	000	000	000	000	000
1.298	1.298	7.792	000	2.597	7.792	1.298	1.298	3.896	2.597	6.493	5.194	1.298	5.194	2.597	3.896	000	000	000	000	000	000	000	000	000	000
5.194	5.194	2.597	000	2.597	1.298	000	000	1.298	1.298	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000

244164000

56.245

1.803

102

1.000

0	0	0	0	0	0	6	7	1	1	2	4	0	2	1	2	1	6	1	3	3	5	0	3	4	4
4	4	2	1	1	3	1	2	3	3	1	1	2	1	1	0	1	0	1	2	0	2	2	2	0	1
000	000	000	000	000	000	000	5.882	6.862	980	980	1.960	3.921	000	1.960	3.921	000	1.960	980	1.960	980	1.960	980	1.960	980	1.960
980	5.882	980	2.941	2.941	4.901	000	2.941	3.921	3.921	3.921	3.921	1.960	980	1.960	980	1.960	980	1.960	980	1.960	980	1.960	980	1.960	980
980	1.960	2.941	2.941	980	980	1.960	980	980	000	980	000	980	000	980	000	980	1.960	980	000	1.960	000	1.960	000	1.960	000

244164030

35.417

1.135

69

1.000

0	0	0	0	0	0	5	1	1	2	3	3	3	2	3	0	3	1	1	2	0	3	1	1	3	2
4	2	0	0	3	0	0	1	0	2	2	1	0	1	0	3	0	1	2	0	1	1	0	2	1	0
000	000	000	000	000	000	000	7.246	1.449	1.449	2.898	4.347	4.347	4.347	2.898	4.347	000	000	4.347	000	000	1.449	2.898	000	1.449	1.449
4.347	1.449	1.449	2.898	000	4.347	1.449	1.449	4.347	2.898	5.797	2.898	000	000	4.347	000	000	000	4.347	000	000	1.449	2.898	000	1.449	1.449
000	1.449	000	2.898	2.898	1.449	000	1.449	000	4.347	000	1.449	2.898	000	1.449	2.898	000	000	1.449	1.449	000	1.449	2.898	000	1.449	1.449

	RR	Z	LWC	NT	CAL CONSTANT																				
244164100	51.816	****	1.661	81	1.000																				
0	0	0	0	0	0	2	0	2	1	1	4	1	1	1	3	1	3	2	1	1	2	3	2	3	3
1	3	5	3	3	1	1	0	1	1	0	1	3	2	4	1	2	1	1	0	1	2	1	0	2	1
0	3																								
000	000	000	000	000	000	2.469	000	2.469	1.234	1.234	4.938	1.234	1.234	3.703	1.234	1.234	3.703	1.234	1.234	3.703	1.234	3.703	1.234	3.703	
1.234	3.703	2.469	1.234	1.234	2.469	3.703	2.469	3.703	1.234	1.234	3.703	1.234	1.234	3.703	1.234	1.234	3.703	1.234	1.234	3.703	1.234	3.703	1.234	3.703	
1.234	000	1.234	1.234	000	1.234	3.703	2.469	4.938	1.234	2.469	1.234	1.234	1.234	1.234	1.234	1.234	1.234	000	1.234	1.234	2.469	1.234	2.469	1.234	
1.234	000	2.469	1.234	000	3.703																				
244164130	41.035	****	1.315	63	1.000																				
0	0	0	0	0	0	3	3	2	1	0	0	1	1	2	2	0	1	0	1	1	0	0	2	0	3
0	1	1	3	4	3	1	7	2	1	2	0	1	2	1	1	0	1	1	0	3	2	0	0	0	1
1	0	1																							
000	000	000	000	000	000	4.761	4.761	3.174	1.587	000	000	1.587	1.587	3.174	3.174	000	000	1.587	1.587	4.761	6.349	4.761	1.587	1.587	
000	1.587	000	1.587	1.587	000	000	000	3.174	000	4.761	000	1.587	1.587	4.761	6.349	4.761	1.587	1.587	4.761	6.349	4.761	1.587	1.587	4.761	
1.587	11.111	3.174	1.587	3.174	000	1.587	3.174	1.587	1.587	000	1.587	1.587	000	1.587	1.587	000	1.587	1.587	000	4.761	3.174	1.587	1.587	4.761	
000	000	000	1.587	1.587	000	1.587																			
244164200	45.372	****	1.454	68	1.000																				
0	0	0	0	0	0	3	1	3	1	2	0	2	0	0	1	4	2	2	1	0	1	2	0	2	0
2	3	4	2	3	2	0	1	0	0	1	4	0	1	1	1	3	1	1	1	2	2	2	1	2	0
1																									
000	000	000	000	000	000	4.411	1.470	4.411	1.470	2.941	000	2.941	000	2.941	4.411	5.892	2.941	000	000	1.470	1.470	2.941	2.941	2.941	
5.892	2.941	2.941	1.470	000	1.470	2.941	000	2.941	000	2.941	4.411	5.892	2.941	4.411	5.892	2.941	4.411	2.941	4.411	2.941	2.941	2.941	2.941	2.941	
000	1.470	000	000	1.470	5.892	000	1.470	1.470	1.470	4.411	1.470	1.470	1.470	4.411	1.470	1.470	1.470	1.470	1.470	2.941	2.941	2.941	2.941	2.941	
2.941	1.470	2.941	000	1.470																					
244164230	53.461	****	1.714	97	1.000																				
0	0	0	0	0	0	3	2	5	1	0	1	0	0	4	2	3	3	2	4	3	4	2	0	5	2
7	4	4	2	2	2	0	3	3	0	3	2	1	2	0	2	3	0	1	3	0	1	0	2	0	0
0	4																								
000	000	000	000	000	000	3.092	2.061	5.154	1.030	000	1.030	000	000	4.123	2.061	000	000	4.123	2.061	000	000	4.123	2.061	2.061	
3.092	3.092	2.061	4.123	3.092	4.123	2.061	000	5.154	2.061	7.216	4.123	4.123	2.061	2.061	2.061	000	000	4.123	2.061	2.061	2.061	2.061	2.061	2.061	
000	3.092	3.092	000	3.092	2.061	1.030	2.061	000	2.061	3.092	000	1.030	3.092	000	1.030	3.092	000	000	4.123	2.061	000	000	4.123	2.061	
000	2.061	000	000	000	4.123																				
244164300	49.584	****	1.590	70	1.000																				
0	0	0	0	0	0	2	1	1	0	1	1	0	1	3	1	1	3	1	1	1	2	2	4	2	3
2	0	4	2	3	3	1	0	1	3	0	0	0	1	1	1	4	1	1	0	0	3	0	2	1	0
2	3																								
000	000	000	000	000	000	2.857	1.428	1.428	000	1.428	1.428	000	1.428	1.428	000	1.428	1.428	000	1.428	4.285	1.428	1.428	1.428	1.428	
1.428	4.285	1.428	1.428	1.428	1.428	2.857	2.857	5.714	2.857	4.285	2.857	000	5.714	2.857	000	5.714	2.857	4.285	4.285	4.285	4.285	4.285	4.285	4.285	
1.428	000	1.428	4.285	000	000	000	000	1.428	1.428	1.428	5.714	1.428	1.428	1.428	000	000	000	000	000	4.285	1.428	1.428	1.428	1.428	
000	2.857	1.428	000	2.857	4.285																				

	RR	Z	LWC	NT	CAL	CONSTANT																			
244164330	47.558	****	1.525	83	1.000																				
0	0	0	0	0	0	2	3	1	2	1	0	2	1	2	0	3	1	1	2	3	3	3	5	2	3
1	3	1	3	3	7	4	3	0	1	0	3	0	0	0	0	3	0	1	2	0	2	1	0	1	0
1	3																								
000	000	000	000	000	000	000	2.409	3.614	1.204	2.409	1.204	000	2.409	1.204	2.409	000	000	000	000	000	000	000	000	000	000
3.614	1.204	1.204	2.409	3.614	3.614	3.614	3.614	6.024	2.409	3.614	1.204	3.614	1.204	3.614	3.614	8.433	000	000	000	000	000	000	000	000	000
4.819	3.614	000	1.204	000	3.614	000	000	000	000	000	3.614	000	1.204	2.409	000	2.409	000	000	000	000	000	000	000	000	000
1.204	000	1.204	000	1.204	3.614																				
244164400	43.168	****	1.384	86	1.000																				
0	0	0	0	0	0	13	3	1	2	2	2	0	5	1	0	1	0	6	0	3	0	3	4	4	3
2	2	1	2	2	1	2	0	2	0	2	1	0	0	2	1	0	2	0	2	1	1	1	1	2	0
1	2																								
000	000	000	000	000	000	000	15.116	3.488	1.162	2.325	2.325	2.325	000	5.813	1.162	000	000	000	000	000	000	000	000	000	000
1.162	000	6.976	000	3.488	000	3.488	4.651	4.651	3.488	2.325	2.325	1.162	2.325	2.325	1.162	2.325	2.325	1.162	000	000	000	000	000	000	000
2.325	000	2.325	000	2.325	1.162	000	000	2.325	1.162	000	2.325	000	2.325	000	2.325	000	2.325	1.162	1.162	1.162	1.162	1.162	1.162	1.162	1.162
1.162	1.162	2.325	000	1.162	2.325																				
244164430	23.331	****	748	55	1.000																				
0	0	0	0	0	0	7	1	1	2	0	0	1	2	1	2	1	1	2	3	2	0	2	1	3	2
3	1	1	3	2	2	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	1	2	0	0	0
1	1																								
000	000	000	000	000	000	000	12.727	1.818	1.818	3.636	000	000	1.818	3.636	1.818	3.636	1.818	3.636	1.818	3.636	1.818	3.636	1.818	3.636	1.818
1.818	1.818	3.636	5.454	3.636	000	3.636	1.818	5.454	3.636	5.454	1.818	1.818	5.454	3.636	3.636	3.636	3.636	3.636	3.636	3.636	3.636	3.636	3.636	3.636	3.636
000	1.818	000	000	1.818	000	1.818	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
3.636	000	000	000	1.818	1.818																				
244164500	42.275	****	1.355	83	1.000																				
0	0	0	0	0	0	3	1	3	0	1	1	0	1	1	1	3	1	2	3	0	6	3	5	6	5
3	5	1	0	1	2	3	3	3	0	3	1	1	0	0	1	1	1	2	0	1	0	0	0	1	2
0	2																								
000	000	000	000	000	000	000	3.614	1.204	3.614	000	1.204	1.204	000	1.204	1.204	000	1.204	1.204	1.204	1.204	1.204	1.204	1.204	1.204	1.204
3.614	1.204	2.409	3.614	000	7.228	3.614	6.024	7.228	6.024	3.614	6.024	1.204	000	000	1.204	1.204	2.409	000	1.204	2.409	000	1.204	2.409	000	000
3.614	3.614	3.614	000	3.614	1.204	1.204	000	000	1.204	1.204	1.204	1.204	2.409	000	1.204	2.409	000	1.204	2.409	000	1.204	2.409	000	000	000
000	000	1.204	2.409	000	2.409																				
244164530	45.633	****	1.463	99	1.000																				
0	0	0	0	0	0	9	1	1	1	2	3	1	6	3	0	1	2	4	1	3	1	2	4	3	4
2	3	3	9	5	3	1	2	2	1	0	2	1	1	0	1	0	3	0	1	2	0	2	0	0	1
1	1																								
000	000	000	000	000	000	000	9.090	1.010	1.010	1.010	2.020	3.030	1.010	6.060	3.030	000	000	000	000	000	000	000	000	000	000
1.010	2.020	4.040	1.010	3.030	1.010	2.020	4.040	3.030	4.040	2.020	3.030	3.030	9.090	5.050	3.030	000	000	000	000	000	000	000	000	000	000
1.010	2.020	2.020	1.010	000	2.020	1.010	1.010	000	1.010	000	1.010	000	3.030	000	1.010	2.020	000	1.010	2.020	000	1.010	2.020	000	000	000
2.020	000	000	1.010	1.010	1.010																				

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RR	Z	LWC	NT	CAL	CONSTANT																				
244164830	18.612	****	596	23	1.000																				
0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	1	0	1	0
1	0	1	0	1	0	1	1	1	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1
0	1	1																							
000	000	000	000	000	000	4.347	000	4.347	4.347	000	000	000	000	000	000	000	4.347	4.347	000	000	000	000	4.347	4.347	000
4.347	000	000	000	4.347	000	000	4.347	000	4.347	000	4.347	000	4.347	000	4.347	000	4.347	000	4.347	000	4.347	000	4.347	000	000
4.347	4.347	4.347	000	4.347	000	000	000	000	000	000	000	000	000	4.347	8.695	000	000	000	000	000	000	000	000	000	000
000	000	4.347	4.347	000	4.347	4.347																			
244164900	11.678	****	374	21	1.000																				
0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	1	1	1	1	1	0	1	0	0	1	2
1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	0	0	2	0	0	1		
000	000	000	000	000	000	000	9.523	000	000	000	000	000	000	000	4.761	000	000	000	4.761	000	000	000	4.761	000	000
4.761	4.761	4.761	4.761	000	4.761	000	000	4.761	9.523	4.761	000	000	4.761	000	000	000	000	9.523	000	000	000	000	000	000	000
000	4.761	4.761	4.761	000	4.761	000	000	000	000	000	000	000	000	000	4.761	000	000	000	000	000	000	000	000	000	000
000	4.761																								
244164930	9.489	****	304	14	1.000																				
0	0	0	0	0	0	2	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0
0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
0	1																								
000	000	000	000	000	000	000	14.285	7.142	000	7.142	000	000	000	000	7.142	000	000	000	7.142	000	000	000	000	000	000
000	000	000	000	000	000	000	000	7.142	14.285	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
7.142	000	7.142	000	000	000	000	000	000	000	7.142	000	000	000	000	000	7.142	000	000	000	000	000	000	000	000	000
000	000	000	7.142	000	7.142																				
244165000	4.213	****	135	8	1.000																				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	
0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	0	1									
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
000	000	000	12.500	12.500	000	12.500	000	000	000	000	000	000	000	000	000	000	000	000	000	000	25.000	000	000	000	
000	000	12.500	12.500	000	000	000	000	000	000	000	000	000	000	000	12.500										
244165030	13.152	****	421	15	1.000																				
0	0	0	0	0	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
0	3																								
000	000	000	000	000	000	000	13.333	000	000	6.666	6.666	6.666	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	13.333	000	000	000	000	6.666	6.666	000	000	000	000	000	000	000	000	6.666	000	6.666	000	000
000	000	000	6.666	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
000	000	000	000	000	000	20.000																			

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RR	Z	LWC	NT	CAL CONSTANT
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244165330

3. 008

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LNC

NT

CAL CONSTANT

096

7

1.500

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RR	Z	LNC	NT	CAL	CONSTANT
244152020	18.176	110052	694	48	1.000
0 0 0 0 0 9 4 1 0 1 2 0 0 1 0 1 1 0 1 1 1 2 2 1 1 1	0 1 3 0 2 0 1 0 1 1 1 0 0 0 2 0 0 0 0 0 0 1 0 1 4				
000 000 000 000 000 18.750 8.333 2.083 000 2.083 4.166 000 000 2.083 000 2.083 000 2.083	2.083 000 2.083 2.083 2.083 4.166 4.166 2.083 2.083 2.083 000 2.083 6.250 000 4.166 000				
2.083 000 2.083 2.083 2.083 000 000 000 4.166 000 000 000 000 2.083 000	2.083 8.333				
244152120	13.572	29397	402	173	1.000
0 0 0 0 4 19 27 10 6 5 4 3 11 11 16 14 10 9 7 3 3 3 1 1 1 0	1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1				
000 000 000 000 2.312 10.982 15.606 5.780 3.468 2.890 2.312 1.734 6.358 6.358 9.248 8.092	5.780 5.202 4.046 1.734 1.734 1.734 578 578 578 000 578 000 578 000 578 000 000 000				
000 000 000 000 000 000 000 000 000 000 000 578 000 000 000 000 000 000	000 000 578				
244152207	750	3255	038	15	1.000
0 0 0 0 0 9 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
000 000 000 000 000 60.000 26.666 000 000 000 000 000 000 000 000 000 000 000	000 000 000 000 000 000 000 000 6.666 000 000 000 000 000 000 000 000 000				
000 000 000 000 000 6.666					
244152307	7.080	5870	126	27	1.000
0 0 0 0 0 7 1 1 1 1 0 0 1 0 1 2 1 1 1 0 0 2 0 1 0 1	0 1 1 0 0 1 1 1 1 0 0 0 1 0 1 2 1 1 1 0 0 2 0 1 0 1				
000 000 000 000 000 25.925 3.703 3.703 3.703 3.703 000 000 3.703 000 3.703 3.703 000 3.703 7.407	3.703 3.703 3.703 000 000 7.407 000 3.703 000 3.703 000 3.703 3.703 000 3.703 000 3.703				
244152407	32.211	119517	870	102	1.000
0 0 0 0 0 19 13 7 1 3 4 3 1 2 2 4 0 0 1 2 2 1 2 3 3 2	3 2 3 2 1 3 2 1 1 0 1 1 0 1 0 0 0 0 1 2 0 0 0 0 2				
000 000 000 000 000 18.627 12.745 6.862 980 2.941 3.921 2.941 980 1.960 1.960 3.921	000 000 980 1.960 1.960 980 1.960 2.941 2.941 1.960 2.941 1.960 2.941 1.960 980 2.941				
1.960 980 980 000 980 980 000 980 000 000 000 000 980 1.960 000 000	000 000 000 1.960 000 980				

	RR	Z	LNC	NT	CAL	CONSTANT																				
244152507	15.561	16506	295	47	1.000																					
0	0	0	0	0	9	3	1	5	0	2	0	0	0	2	3	1	1	0	1	1	0	1	1	1	1	
2	1	0	1	2	2	1	1	1	1	1																
000	000	000	000	000	000	19.148	6.382	2.127	12.765	000	4.255	000	000	000	000	000	4.255	6.382								
2.127	2.127	000	2.127	2.127	000	2.127	2.127	2.127	2.127	2.127	4.255	2.127	000	2.127	4.255	4.255										
2.127	2.127	2.127	2.127	2.127	2.127																					
244152607	43.457	196403	1.298	82	1.000																					
0	0	0	0	0	12	1	0	1	2	5	1	2	2	0	2	1	1	1	2	1	0	1	2	2	2	
1	2	2	2	3	5	3	4	4	1	1	2	1	1	0	0	1	0	1	1	1	0	0	2	0	0	
0	2	0	1																							
000	000	000	000	000	14.634	1.219	000	1.219	2.439	6.097	1.219	2.439	2.439	000	2.439	000	2.439									
1.219	1.219	1.219	2.439	1.219	000	1.219	2.439	2.439	2.439	1.219	2.439	2.439	2.439	3.658	6.097											
3.658	4.878	4.878	1.219	1.219	2.439	1.219	1.219	000	000	1.219	000	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219		
000	2.439	000	000	000	2.439	000	1.219																			
244152707	28.442	81712	766	84	1.000																					
0	0	0	0	0	12	7	5	1	1	3	1	1	1	2	0	3	2	2	2	2	2	2	1	2	2	3
5	2	2	3	3	4	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	0	0	0	0	
0	1																									
000	000	000	000	000	14.285	8.333	5.952	1.190	1.190	3.571	1.190	1.190	1.190	1.190	2.380	000										
3.571	2.380	2.380	2.380	2.380	2.380	1.190	2.380	2.380	2.380	3.571	5.952	2.380	2.380	3.571	3.571	4.761										
1.190	1.190	1.190	1.190	000	000	1.190	000	1.190	000	1.190	1.190	000	1.190	1.190	000	000	000	000	000	000	000	000	000	000	000	
000	000	000	000	000	1.190																					
244152807	12.678	19047	281	39	1.000																					
0	0	0	0	0	7	3	0	1	2	1	1	0	1	0	0	1	1	1	1	2	1	1	1	1	2	
1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1									
000	000	000	000	000	17.948	7.692	000	2.564	5.128	2.564	2.564	000	2.564	5.128	2.564	2.564	000	2.564	000	000	000	000	000	000	000	
2.564	2.564	2.564	2.564	5.128	2.564	2.564	2.564	2.564	2.564	5.128	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	2.564	
5.128	2.564	2.564	000	000	000	000	000	000	000	000	000	000	000	000	000	2.564										
244152907	26.057	63869	534	44	1.000																					
0	0	0	0	0	5	4	1	1	1	1	0	0	1	1	0	0	1	0	1	1	0	2	1	1	1	
2	3	3	2	2	0	2	1	0	1	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	
1																										
000	000	000	000	000	11.363	9.090	2.272	2.272	2.272	2.272	2.272	000	000	2.272	2.272	000	000	2.272	2.272	000	000	000	000	000	000	
000	2.272	000	2.272	2.272	000	4.545	2.272	2.272	2.272	2.272	4.545	6.818	6.818	4.545	4.545	000										
1.545	2.272	000	2.272	2.272	000	000	000	2.272	000	000	000	000	000	000	000	000	000	2.272	2.272	000	000	000	000	000	000	
000	000	000	000	2.272																						

				RR	Z	LWC		NT		CAL CONSTANT															
244153007				9.469	25606	175		15		1.000															
0	0	0	0	0	0	1	3	1	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1
0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1				
000	000	000	000	000	000	000	000	6.666	20.000	6.666	6.666	000	000	6.666	000	000	000	000	000	000	000				
000	6.666	000	000	000	000	000	000	6.666	000	000	6.666	000	000	6.666	000	6.666	000	6.666	6.666	6.666	000				
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	6.666	6.666	6.666	000				
244153107				13.894	48022	340		29		1.000															
0	0	0	0	0	5	1	3	2	0	0	0	1	2	1	0	1	0	0	0	0	0	1	1	0	0
0	0	1	1	1	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
000	000	000	000	000	000	17.241	3.448	10.344	6.896	000	000	000	000	3.448	6.896	3.448	000	000	000	000	000				
3.448	000	000	000	000	000	000	3.448	3.448	000	000	000	000	000	3.448	3.448	3.448	000	000	000	000	000				
000	3.448	10.344	3.448	3.448	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000				
3.448	000	000	3.448																						
244153207				3.552	3467	070		11		1.000															
0	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
0	1	1	0	0	0	0	0	1																	
000	000	000	000	000	000	18.181	9.090	000	000	000	000	000	000	000	9.090	000	000	000	000	000	000				
9.090	000	000	000	9.090	000	000	9.090	000	000	9.090	000	9.090	000	9.090	9.090	000	000	000	000	000	000				
000	000	9.090																							
244153307				13.565	20396	290		53		1.000															
0	0	0	0	0	14	3	3	4	0	1	2	1	1	1	1	1	0	1	2	1	1	1	2	1	2
1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	1								
000	000	000	000	000	000	26.415	5.660	5.660	7.547	000	1.886	3.773	1.886	1.886	1.886	1.886	000	1.886	1.886	1.886	1.886				
1.886	000	1.886	3.773	1.886	1.886	1.886	1.886	3.773	1.886	3.773	1.886	1.886	1.886	1.886	1.886	000	1.886	1.886	1.886	1.886	1.886				
1.886	000	1.886	1.886	1.886	000	000	000	000	000	000	000	000	000	1.886											
244153407				30.050	121919	948		90		1.000															
0	0	0	0	0	7	6	4	4	1	1	4	1	4	2	2	1	2	5	1	3	4	7	1	2	2
1	3	2	2	0	2	3	1	1	0	1	0	1	0	6	2	0	2	0	1	0	1	1	0	1	1
000	000	000	000	000	7.777	6.666	4.444	4.444	1.111	1.111	4.444	1.111	4.444	2.222	2.222	1.111	4.444	2.222	2.222	000	2.222				
1.111	2.222	5.555	1.111	3.333	4.444	7.777	1.111	2.222	2.222	1.111	3.333	2.222	1.111	3.333	2.222	2.222	000	2.222	2.222	000	1.111	000	1.111		
3.333	1.111	1.111	000	1.111	000	1.111	000	1.111	000	000	2.222	000	000	2.222	000	000	1.111	000	1.111	000	1.111	000	1.111		
1.111	000	1.111	1.111	1.111																					

[illegible]

RR	Z	LWC	NT	CAL	CONSTANT
244152020	18.176	****	1.165	60	1.000
0 0 0 0 0 5 3 1 0 1 2 0 0 1 0 1 2 0 2 1 1 3 3 2 1 1	0 0 1 0 3 0 1 0 1 1 1 1 0 0 4 1 1 0 0 0 2 0 3 1 1 1	000 000 000 000 000 0.333 5.000 1.666 000 1.666 3.333 000 000 1.666 3.333 000 000 1.666 000 1.666 000 1.666 000 3.333 000	3.333 000 3.333 1.666 1.666 5.000 5.000 3.333 1.666 1.666 000 1.666 1.666 000 1.666 10.000 000 5.000 000 5.000 1.666 000 3.333 000	5.000 1.666 1.666 1.666 1.666 1.666 000 000 6.666 1.666 1.666 000 000 000 000 000 000 3.333 000	
244152120	13.572	****	.870	188	1.000
0 0 0 0 2 11 18 8 5 5 4 3 12 13 20 19 13 13 10 4 5 5 1 2 2 0	0 0 0 1 2 0 0 0 0 0 0 0 1 1 1 1 0 0 2 0 0 0 0 0 2 0	000 000 000 000 1.063 5.851 9.574 4.255 2.659 2.659 2.127 1.595 6.382 6.514 10.638 10.106	6.914 6.914 5.319 2.127 2.659 5.31 1.063 1.063 000 5.31 000 6.382 6.514 10.638 10.106	000 000 000 000 000 000 000 5.31 5.31 000 000 1.063 000 000 000 000 000 000 000 000 000 000 000 000	
244152207	750	****	.037	8	1.000
0 0 0 0 4 2 0	0 0	000 000 000 000 000 50.000 25.000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	000 000		
244152307	7.080	****	.454	34	1.000
0 0 0 0 4 1 1 1 1 0 0 1 0 1 2 2 1 1 0 0 3 0 2 0 1	0 1 1 0 0 1 2 1 0 0 0 1 0 1 0 1 0 1 0 0 0 0 0 0 1	000 000 000 000 000 11.764 2.941 2.941 2.941 2.941 000 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000	5.882 2.941 2.941 000 000 8.823 000 2.941 2.941 2.941 000 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000 2.941 000	000 2.941 000 000 000 2.941 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	
244152407	32.211	****	2.065	131	1.000
0 0 0 0 11 9 5 1 3 4 3 1 2 3 5 0 0 1 3 3 2 4 5 5 4	1 2 4 5 1 5 4 2 1 0 2 3 0 2 0 0 2 4 0 1 1 1 1 1 4	000 000 000 000 000 8.396 6.870 3.816 763 2.290 3.053 2.290 763 1.526 2.290 3.816 1.526 3.816 000 763 3.816 000 763	3.053 1.526 763 000 1.526 1.526 3.053 3.816 3.816 3.053 4.580 3.053 3.816 3.053 3.816 000 000 1.526 3.053 000 763		

	RR	Z	LNC	NT	CAL CONSTANT																				
244152507	16.561	****	1.062	62	1.000																				
0	0	0	0	0	5	2	1	5	0	2	0	0	0	2	4	2	1	0	1	1	0	1	1	1	2
0	3	1	0	1	4	4	1	2	2	2	1	0	1	0	0	1	0	0	1	0	1	0	0	2	1
0	1	0	1																						
000	000	000	000	000	8.064	3.225	1.612	8.064	000	3.225	000	000	000	000	000	000	3.225	6.451							
3.225	1.612	000	1.612	1.612	000	1.612	1.612	1.612	1.612	3.225	4.838	1.612	000	000	1.612	000	1.612	6.451	6.451						
1.612	3.225	3.225	3.225	1.612	000	1.612	000	000	000	1.612	000	000	1.612	000	000	1.612	000	1.612	000						
000	3.225	1.612	1.612	000	1.612	000	1.612	000	1.612																
244152607	43.457	****	2.787	125	1.000																				
0	0	0	0	0	7	1	0	1	2	5	1	2	2	0	2	2	1	1	3	1	0	1	3	3	4
2	3	3	4	6	9	5	8	7	1	2	5	2	3	1	1	3	0	2	2	2	0	0	3	0	1
1	4	1	2																						
000	000	000	000	000	5.600	000	000	000	000	1.600	4.000	000	1.600	1.600	000	1.600	000	1.600							
1.600	000	000	2.400	000	000	000	000	2.400	2.400	3.200	1.600	2.400	2.400	3.200	4.800	7.200									
1.000	6.400	5.600	000	1.600	4.000	1.600	2.400	000	000	000	2.400	000	1.600	1.600	1.600	1.600	000	000							
000	2.400	000	000	000	3.200	000	1.600																		
244152707	28.442	****	1.824	118	1.000																				
0	0	0	0	0	7	5	4	1	1	3	1	1	1	2	0	4	3	3	3	3	3	3	1	3	4
9	3	3	6	6	7	2	1	2	2	0	1	2	0	2	0	2	2	1	0	1	2	1	0	1	0
1	2	1																							
000	000	000	000	000	5.932	4.237	3.389	047	047	2.542	047	047	047	047	047	1.694	000								
3.389	2.542	2.542	2.542	2.542	2.542	047	2.542	3.389	4.237	7.627	2.542	2.542	5.084	5.084	5.932										
1.694	047	1.694	1.694	000	047	1.694	000	1.694	000	1.694	000	1.694	000	047	000	047	1.694								
047	000	047	000	047	1.694	047																			
244152807	12.678	****	0.13	55	1.000																				
0	0	0	0	0	4	2	0	1	2	1	1	0	1	0	0	1	2	1	2	3	1	2	1	2	3
2	2	2	1	2	1	3	1	2	0	0	1	0	1	0	0	0	2	1	0	0	1	1	2		
000	000	000	000	000	7.272	3.636	000	1.818	3.636	1.818	1.818	000	1.818	000	1.818	000	1.818	000	000						
1.818	3.636	1.818	3.636	5.454	1.818	3.636	1.818	3.636	1.818	3.636	5.454	3.636	3.636	3.636	1.818	3.636	1.818	3.636	1.818						
5.454	1.818	3.636	000	000	1.818	000	1.818	000	1.818	000	000	000	3.636	1.818	000	000	1.818	000	000						
1.818	3.636																								
244152907	26.057	****	1.671	75	1.000																				
0	0	0	0	0	3	3	1	1	1	1	0	0	1	1	0	0	1	0	2	1	0	4	1	2	2
4	5	5	3	4	0	4	2	0	1	2	0	1	3	1	0	0	0	0	3	3	1	1	2	1	1
2	0	1																							
000	000	000	000	000	4.000	4.000	1.333	1.333	1.333	1.333	1.333	000	000	1.333	1.333	000	000	1.333	1.333	000					
000	1.333	000	2.666	1.333	000	5.333	1.333	2.666	2.666	5.333	6.666	6.666	4.000	5.333	000										
5.333	2.666	000	1.333	2.666	000	1.333	4.000	1.333	000	000	000	000	000	000	000	4.000	4.000	1.333	000						
1.333	2.666	1.333	1.333	2.666	000	1.333																			

	RR	Z	LNC	NT	CAL	CONSTANT																		
244152007	9.469	****	607	23	1.000																			
0 0 0 0 0 0 1 2 1 1 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 1																								
0 0 1 0 1 2 0 0 0 0 0 0 0 1 1 0 1 1 0 0 2 2 1 0 0 0																								
0 0 1																								
000 000 000 000 000 000 4.347 8.695 4.347 4.347 000 000 4.347 000 000 000																								
000 4.347 000 000 000 000 4.347 000 000 4.347 000 4.347 000 4.347 8.695 000																								
000 000 000 000 000 000 000 4.347 4.347 000 4.347 4.347 000 000 8.695 8.695																								
4.347 000 000 000 000 000 4.347																								
244152107	13.894	****	891	37	1.000																			
0 0 0 0 0 3 1 2 2 0 0 0 1 2 1 0 1 0 0 0 0 0 1 1 0 0																								
0 0 1 1 1 2 0 0 1 5 1 2 0 0 0 0 1 1 0 0 0 0 2 0 0 3																								
0 1 0 1																								
000 000 000 000 000 8.108 2.702 5.405 5.405 000 000 000 2.702 5.405 2.702 000																								
2.702 000 000 000 000 000 2.702 2.702 000 000 000 2.702 2.702 5.405 000																								
000 2.702 13.513 2.702 5.405 000 000 000 2.702 2.702 000 000 000																								
5.405 000 000 9.108 000 2.702 000 2.702																								
244152207	3.552	****	227	14	1.000																			
0 0 0 0 0 1 1 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 2 0 0 1																								
0 1 1 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1																								
000 000 000 000 000 7.142 7.142 000 000 000 000 000 7.142 000 000																								
7.142 000 000 7.142 000 000 14.285 000 000 7.142 000 7.142 7.142 000 000																								
000 000 7.142 000 000 000 000 7.142 000 000 000 7.142 000 000																								
000 000 7.142																								
244152307	13.565	****	878	65	1.000																			
0 0 0 0 0 8 2 2 3 0 1 2 1 1 1 1 1 0 2 3 1 2 1 3 2 3																								
2 2 1 0 2 2 1 0 2 1 2 0 1 1 0 1 1 2 0 0 0 1 1 2 2 3																								
000 000 000 000 000 12.307 3.076 3.076 4.615 000 1.538 3.076 1.538 1.538 1.538 1.538																								
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1.538 000 3.076 1.538 3.076 000 1.538 1.538 000 1.538 1.538 3.076 000 000 000 1.538																								
1.538 3.076																								
244153407	30.090	****	1.929	125	1.000																			
0 0 0 0 0 4 4 3 3 1 1 4 1 5 3 2 2 3 8 1 4 6 11 1 4 4																								
2 5 3 3 0 3 5 1 1 0 2 1 2 1 0 4 0 4 1 2 1 2 2 0 3 2																								
000 000 000 000 000 3.200 3.200 2.400 2.400 000 000 3.200 000 4.000 2.400 1.600																								
1.600 2.400 6.400 000 000 3.200 4.800 8.800 000 3.200 3.200 1.600 4.000 2.400 2.400 000 2.400																								
4.000 000 000 000 000 1.600 000 1.600 000 000 3.200 000 3.200 800 1.600 000 1.600																								
1.600 000 2.400 1.600																								

	RR	Z	LWC	NT	CAL CONSTANT																
241153507	12.550	****	.804	40	1.000																
0 0 0 0 0 0 1 3 2 2 2 1 0 0 1 0 1 1 1 0 0 0 1 2 2 2 1																					
0 0 1 0 1 2 0 0 0 0 0 0 1 0 1 1 1 1 3 0 1 0 0 0 1 0 1																					
000 .000 .000 .000 .000 2.500 7.500 5.000 5.000 5.000 2.500 .000 .000 2.500 .000 2.500 .000 2.500																					
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.000 2.500 .000 2.500 .000 .000 5.000																					
241153607	5.944	****	.381	21	1.000																
0 0 0 0 0 3 0 2 0 1 0 0 3 0 0 1 2 0 1 0 0 0 0 0 0 0																					
0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 1 1 0 0 0 0 2 0 0																					
000 .000 .000 .000 .000 14.285 .000 9.523 .000 4.761 .000 .000 14.285 .000 .000 4.761																					
9.523 .000 4.761 .000 .000 .000 .000 .000 .000 .000 4.761 .000 .000 .000 .000 .000																					
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.000 9.523 .000 .000 .000 .000 4.761																					
241153707	.745	****	.047	4	1.000																
0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																					
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000 .000 .000 .000 .000 .000 .000 25.000 25.000 .000 .000 .000 .000 .000 .000 .000 .000																					
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241153807	.900	****	.057	8	1.000																
0 0 0 0 0 1 0 2 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0																					
0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0																					
000 .000 .000 .000 .000 12.500 .000 25.000 .000 .000 12.500 12.500 .000 .000 .000 .000																					
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.000 .000 .000 .000 .000 .000 .000 12.500																					

244163330

RR				Z				LWC				NT				CAL CONSTANT											
244163230				15.564 43470				.413 48				1.000															
0	0	0	0	0	9	3	1	0	0	0	1	1	2	1	0	2	2	1	1	2	2	2	0	2	1		
1	2	0	1	3	2	1	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	1																										
000	000	000	000	000	000	18.750	6.250	2.083	000	000	000	000	000	000	000	2.083	2.083	4.166	2.083	000	000	000	000	000	000		
4.166	4.166	2.083	2.083	4.166	4.166	4.166	4.166	000	4.166	2.083	2.083	4.166	000	000	000	4.166	000	000	2.083	6.250	4.166						
2.083	2.083	4.166	000	000	000	000	2.083	000	000	000	000	000	000	000	000	000	000	000	000	000	000						
000	000	000	000	000	000	2.083																					
244163330				11.213 20015				.186 25				1.000															
0	0	0	0	0	2	1	3	1	3	0	2	1	0	0	1	0	1	0	1	0	0	3	1	0	0		
0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1								
000	000	000	000	000	000	8.000	4.000	12.000	4.000	12.000	000	8.000	4.000	000	000	4.000	000	000	000	4.000	4.000	000					
000	4.000	000	4.000	000	000	000	12.000	4.000	000	000	000	000	000	000	000	000	000	000	4.000	4.000	000						
000	000	4.000	000	000	000	000	000	000	000	000	000	000	000	000	000	4.000	000	000	000	4.000							
244163430				19.376 54997				.530 56				1.000															
0	0	0	0	0	3	7	4	0	2	3	0	0	0	3	1	0	1	2	2	2	1	1	4	0	2		
2	1	1	2	1	1	0	3	0	3	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1			
000	000	000	000	000	000	5.357	12.500	7.142	000	3.571	5.357	000	000	000	000	000	000	000	000	5.357	1.785						
000	1.785	3.571	3.571	3.571	1.785	1.785	7.142	000	3.571	3.571	1.785	1.785	3.571	1.785	3.571	1.785	3.571	1.785	3.571	1.785	000						
000	5.357	000	5.357	1.785	000	000	000	000	000	1.785	000	000	000	000	000	000	000	000	000	1.785	000						
000	000	1.785																									
244163530				16.440 32600				.423 57				1.000															
0	0	0	0	0	3	6	8	1	0	3	3	0	2	2	2	1	1	1	1	0	1	0	3	1	2		
2	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	1											
000	000	000	000	000	000	5.263	10.526	14.035	1.754	000	5.263	5.263	000	3.508	3.508	3.508	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754			
1.754	1.754	1.754	1.754	000	1.754	000	5.263	1.754	3.508	3.508	3.508	1.754	000	1.754													
3.508	1.754	1.754	1.754	000	000	3.508	000	1.754	000	1.754																	
244163630				29.931 102844				.741 53				1.000															
0	0	0	0	0	3	5	4	1	0	2	1	0	2	0	0	0	1	0	2	1	2	1	2	2			
3	1	3	1	1	2	1	2	1	1	0	1	0	1	0	1	1	1	0	0	0	1	0	1	0			
0	0	1																									
000	000	000	000	000	000	5.660	9.433	7.547	1.886	000	3.773	1.886	000	3.773	1.886	000	3.773	000	3.773	000	000	000	000	000			
000	000	1.886	000	3.773	1.886	3.773	1.886	3.773	3.773	3.773	5.660	1.886	5.660	1.886	5.660	1.886	1.886	1.886	3.773								
1.886	3.773	1.886	1.886	000	1.886	000	1.886	000	1.886	000	1.886	1.886	1.886	000	000	000	000	000	000	000	000	000	000				
1.886	000	1.886	000	000	000	000	1.886																				

	RR	Z	LWC	NT	CAL	CONSTANT																	
244163730	28.538	87154	.678	58	1.000																		
0 0 0 0 0 0 4 4 5 3 1 2 2 1 1 2 0 1 2 0 1 1 1 0 1 1																							
0 0																							
000 000 000 000 000 000 6.896 6.896 8.620 5.172 1.724 3.448 3.448 1.724 1.724 3.448																							
000 1.724 3.448 000 1.724 1.724 1.724 000 1.724 1.724 1.724 1.724 3.448 8.620 3.448 1.724																							
3.448 5.172 1.724 3.448 000 000 1.724 000 000 000 000 000 3.448 1.724 000																							
000 000 000 000 000 000 000 1.724																							
244163830	12.258	29887	.366	36	1.000																		
0 0 0 0 0 0 1 1 1 0 2 3 2 1 1 1 1 0 1 1 1 1 1 1 1 2																							
1 1 0 1 1 1 1 1 1 0 1 1 1 0 0 0 0 1																							
000 000 000 000 000 000 2.777 2.777 2.777 000 5.555 8.333 5.555 2.777 2.777 2.777																							
2.777 000 2.777 2.777 2.777 2.777 2.777 2.777 2.777 5.555 2.777 2.777 000 2.777 2.777 2.777																							
2.777 2.777 2.777 2.777 000 2.777 2.777 2.777 000 000 000 2.777																							
244163930	31.776	90911	.738	72	1.000																		
0 0 0 0 0 2 4 5 4 1 2 2 4 1 1 1 2 1 4 3 1 3 2 4 0 2																							
1 4 2 2 2 1 1 1 2 0 1 0 0 0 0 0 0 2 1 0 1 0 0 1 0 0																							
1																							
000 000 000 000 000 000 2.777 5.555 6.944 5.555 1.388 2.777 2.777 5.555 1.388 1.388 1.388																							
2.777 1.388 5.555 4.166 1.388 4.166 2.777 5.555 000 2.777 1.388 5.555 2.777 2.777 2.777 1.388																							
1.388 1.388 2.777 000 1.388 000 000 000 000 000 2.777 1.388 000 1.388 000																							
000 1.388 000 000 1.388																							
244164030	45.578	165514	1.302	120	1.000																		
0 0 0 0 0 5 6 13 4 2 3 3 4 1 3 2 2 2 4 3 6 3 3 4 3 3																							
4 2 6 2 1 3 2 3 1 4 1 2 1 1 0 1 1 0 0 1 0 1 1 0 1 1																							
0 0																							
000 000 000 000 000 4.166 5.000 10.833 3.333 1.666 2.500 2.500 3.333 .833 2.500 1.666																							
1.666 1.666 3.333 2.500 5.000 2.500 3.333 2.500 2.500 3.333 1.666 5.000 1.666 .833 2.500																							
1.666 2.500 .833 3.333 .833 1.666 .833 .833 000 .833 .833 000 000 .833 000 .833																							
.833 000 .833 .833 000 000 000 .833																							
244164130	45.516	167249	1.206	103	1.000																		
0 0 0 0 0 5 7 7 4 3 4 6 4 4 2 0 4 2 1 1 1 1 4 4 4 1																							
2 4 2 1 1 2 3 0 1 1 1 0 3 1 2 1 1 1 2 0 0 0 3 0 0 1																							
0 1																							
000 000 000 000 000 4.854 6.796 6.796 3.883 2.912 3.883 5.825 3.883 3.883 1.941 000																							
3.883 1.941 .970 .970 .970 .970 3.883 3.883 3.883 .970 1.941 3.883 1.941 .970 .970 1.941																							
2.912 000 .970 .970 .970 000 2.912 .970 1.941 .970 .970 .970 1.941 000 000 000																							
2.912 000 000 .970 000 .970																							

	RR	2	LHC	NT	CAL	CONSTANT																
244164230	47.116	170360	1.204	79	1.000																	
0 0 0 0 0 0 6 3 2 4 4 2 2 2 2 3 1 0 2 2 1 1 1 1 2 1																						
3 0 1 3 4 3 1 2 3 0 1 2 1 2 1 2 0 1 0 0 2 1 1 0 1 2																						
000 000 000 000 000 000 7.594 3.797 2.531 5.063 5.063 2.531 2.531 2.531 2.531 3.797																						
1.265 000 2.531 2.531 1.265 1.265 1.265 1.265 2.531 1.265 3.797 000 1.265 3.797 5.063 3.797																						
1.265 2.531 3.797 000 1.265 2.531 1.265 2.531 1.265 2.531 000 1.265 000 000 2.531 1.265																						
1.265 000 1.265 2.531																						
244164330	49.420	221640	1.456	100	1.000																	
0 0 0 0 0 0 4 10 4 3 1 2 1 3 2 2 2 4 4 1 1 1 4 2 5 3																						
2 2 6 3 2 1 2 3 1 2 1 0 1 1 1 1 1 1 2 1 1 0 1 1 2 0																						
0 0 1 1																						
000 000 000 000 000 000 4.000 10.000 4.000 3.000 1.000 2.000 1.000 3.000 2.000 2.000																						
2.000 4.000 4.000 1.000 1.000 1.000 4.000 2.000 5.000 3.000 2.000 2.000 6.000 3.000 2.000 2.000																						
2.000 3.000 1.000 2.000 1.000 000 000 1.000 1.000 1.000 1.000 2.000 3.000 2.000 1.000																						
1.000 1.000 2.000 000 000 000 1.000 1.000 1.000 1.000 1.000 2.000 1.000 1.000 000																						
244164430	42.486	159926	1.127	94	1.000																	
0 0 0 0 0 2 3 8 4 2 1 3 4 1 2 2 1 5 3 4 2 3 1 2 5 4																						
4 1 2 2 4 1 3 1 2 1 1 0 0 0 1 1 1 1 0 1 0 1 1 0 1 0																						
0 1 0 1																						
000 000 000 000 000 2.127 3.191 8.510 4.255 2.127 1.063 3.191 4.255 1.063 2.127 2.127																						
1.063 5.319 3.191 4.255 2.127 3.191 1.063 2.127 5.319 4.255 4.255 1.063 2.127 2.127 4.255 1.063																						
3.191 1.063 2.127 1.063 1.063 000 000 000 1.063 1.063 1.063 1.063 1.063 000 1.063 000 1.063																						
1.063 000 1.063 000 000 1.063 000 1.063																						
244164530	31.832	89150	.913	91	1.000																	
0 0 0 0 0 6 5 4 1 4 2 1 2 2 1 3 3 4 4 3 2 3 1 4 4																						
5 3 4 1 2 2 1 2 1 2 2 1 1 0 0 1 3 3 4 4 3 2 3 1 4 4																						
000 000 000 000 000 000 6.593 5.494 4.395 1.098 4.395 2.197 1.098 2.197 2.197 1.098																						
3.296 3.296 4.395 4.395 3.296 2.197 3.296 1.098 4.395 4.395 5.494 3.296 4.395 1.098 2.197 1.098																						
1.098 2.197 1.098 2.197 2.197 1.098 1.098 000 000 000 1.098 3.296 4.395 1.098 2.197 2.197																						
000 000 1.098																						
244164630	36.714	100149	1.015	99	1.000																	
0 0 0 0 0 7 0 5 2 1 3 4 3 5 0 3 1 4 4 4 3 1 4 5 3																						
3 5 2 6 6 1 1 2 1 2 2 1 0 0 0 0 1 0 0 2 0 1 0 0 1																						
000 000 000 000 000 000 7.070 000 5.050 2.020 1.010 3.030 4.040 3.030 5.050 000																						
3.030 1.010 4.040 4.040 4.040 3.030 1.010 4.040 5.050 3.030 3.030 5.050 2.020 3.030 5.050 000																						
1.010 2.020 1.010 2.020 2.020 1.010 000 000 000 000 1.010 000 000 6.060 6.060 1.010																						
1.010 000 000 1.010																						

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	RR	Z	LWC	NT	CAL	CONSTANT																	
244165230	6.591	2961	.055	9	1.000																		
0 0 0 0 0 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0																							
0 0 0 0 1 1 0 1																							
.000 .000 .000 .000 .000 .000 11.111 11.111 11.111 .000 .000 .000 .000 11.111 11.111 .000																							
.000 11.111 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 11.111 11.111 .000																							
11.111																							
244165330	7.466	23111	.193	19	1.000																		
0 0 0 0 0 0 3 3 1 1 0 0 0 0 0 1 0 0 0 0 1 0 1 0 0 1																							
0 0 1 1 1 2 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1																							
.000 .000 .000 .000 .000 .000 15.789 15.789 5.263 5.263 .000 .000 .000 .000 .000 .000 5.263																							
.000 .000 .000 .000 .000 5.263 .000 5.263 .000 .000 5.263 .000 .000 5.263 5.263 5.263 10.526																							
.000 .000 .000 .000 5.263 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000																							
.000 5.263																							
244165430	1.942	2971	.049	16	1.000																		
0 0 0 0 0 3 4 0 1 0 1 1 1 2 0 0 0 0 1 0 0 0 0 0 0 0																							
0 0 0 0 0 1 0 0 1																							
.000 .000 .000 .000 .000 18.750 25.000 .000 6.250 .000 6.250 6.250 6.250 12.500 .000 .000																							
.000 6.250 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 6.250																							
.000 .000 6.250																							
244165444	.000		.000		1.000																		

RR Z LNC NT CAL CONSTANT

244162630 103877657802EX 09 **** 666202045372EX 07 792455852111EX 09 1.000

0 0 0 0 1 0 2 0 1 0 0 0 112441629300EX 08 0 900000010000EX 08 0 809000010050EX
09 0 901000000020EX 08 0 904000000030EX 08 0 903000000080EX 08 0 907000000090EX 08
1 907000010060EX 08 0 903000000050EX 08 0 903000000010EX 08 0 1 1 0 0 1 1 0 0 0 1

000 000 000 000 000 000 000 000 000 000 000 000 000 000 -1.416 000 11.357
000 10.208 000 11.369 000 11.407 000 11.394 000 11.445 000 11.445 000 11.394 000 11.394
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000

244162730 3.998 **** 256 11 1.000

0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 1 2 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0
0 1

000 000 000 000 000 000 000 9.090 000 000 9.090 000 000 000 000 18.181
000 000 000 000 000 000 000 000 000 000 000 000 000 9.090 18.181 000
000 000 000 000 000 000 9.090 000 000 000 000 9.090 9.090 000 000 000
000 000 000 000 000 9.090

244162830 1.918 **** 123 6 1.000

0 0 0 0 0 0 1 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0

000 000 000 000 000 000 16.666 000 000 000 000 000 000 000 000 000
000 000 000 000 000 16.666 16.666 000 000 000 000 000 000 000 000 000
000 000 000 16.666 000 000 000 000 000 16.666 000 000 16.666

244162930 8.686 **** 557 31 1.000

0 0 0 0 0 8 0 1 1 1 0
1 0 0 0 0 1 0 0 3 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

000 000 000 000 000 25.806 000 3.225 3.225 3.225 000 000 000 000 000 000
000 000 000 000 000 3.225 000 3.225 3.225 9.677 3.225 3.225 000 000 000 000 3.225
000 000 9.677 3.225 3.225 3.225 000 000 000 000 000 000 000 000 3.225 000
000 6.451 3.225 3.225

244163030 15.441 **** 990 62 1.000

0 0 0 0 0 0 1 1 1 1 1 0 3 0 1 0 0 3 1 2 3 0 7 2 3 1
3 2 2 2 3 1 0 5 1 2 0 1 1 2 0 1 0 0 0 0 0 2 0 0 0 0 2
0 0 1

000 000 000 000 000 000 1.612 1.612 1.612 1.612 1.612 000 4.838 000 1.612 000
000 4.838 1.612 3.225 4.838 000 11.290 3.225 4.838 1.612 4.838 3.225 3.225 4.838 1.612
000 8.064 1.612 3.225 000 1.612 1.612 3.225 000 1.612 000 000 000 000 3.225 000
000 000 000 3.225 000 000 1.612

	RR	Z	LWC	NT	CAL	CONSTANT																				
244163130	28.775	****	1.845	94	1.000																					
0 0 0 0 0 1 1 6 5 1 0 1 2 3 1 1 3 2 1 2 2 0 2 4 3 2																										
2 4 3 3 1 2 2 3 2 3 1 2 0 3 2 2 1 3 0 2 1 1 3 0 1 1																										
2 0 1																										
.000 .000 .000 .000 .000 1.063 1.063 6.382 5.319 1.063 .000 1.063 2.127 3.191 1.063 1.063																										
3.191 2.127 1.063 2.127 2.127 .000 2.127 4.255 3.191 2.127 2.127 4.255 3.191 3.191 1.063 2.127																										
2.127 3.191 2.127 3.191 1.063 2.127 .000 3.191 2.127 2.127 1.063 3.191 .000 2.127 1.063 1.063																										
3.191 .000 1.063 1.063 2.127 .000 1.063																										
244163230	15.564	****	.998	67	1.000																					
0 0 0 0 0 5 2 1 0 0 0 1 1 2 1 0 3 3 1 1 3 3 3 0 4 2																										
1 4 0 1 5 4 1 2 3 0 0 0 2 1 0 0 0 1 1 1 1 0 1 0 0 0																										
0 2																										
.000 .000 .000 .000 .000 7.462 2.985 1.492 .000 .000 .000 1.492 1.492 2.985 1.492 .000																										
4.477 4.477 1.492 1.492 4.477 4.477 4.477 .000 5.970 2.985 1.492 5.970 .000 1.492 7.462 5.970																										
1.492 2.985 4.477 .000 .000 .000 2.985 1.492 .000 .000 1.492 1.492 1.492 1.492 .000																										
1.492 .000 .000 .000 .000 2.985																										
244163330	11.213	****	.719	37	1.000																					
0 0 0 0 0 1 1 2 1 3 0 2 1 0 0 1 0 1 0 1 0 0 5 1 0 0																										
0 0 0 1 2 0 0 0 1 0 0 0 1 1 1 2 0 1 3 1 1 1 1																										
.000 .000 .000 .000 .000 2.702 2.702 5.405 2.702 8.108 .000 5.405 2.702 .000 .000 2.702																										
.000 2.702 .000 2.702 .000 .000 13.513 2.702 .000 .000 .000 2.702 5.405 .000 2.702 5.405																										
.000 .000 2.702 .000 .000 .000 2.702 2.702 2.702 2.702 5.405 .000 2.702 8.108 2.702 2.702																										
2.702																										
244163430	19.376	****	1.242	85	1.000																					
0 0 0 0 0 2 5 3 0 2 3 0 0 0 4 1 0 2 3 3 3 2 2 6 0 4																										
4 2 2 4 1 2 0 5 0 6 1 1 1 1 1 2 0 1 0 1 2 1 0 0 2																										
.000 .000 .000 .000 .000 2.352 5.892 3.529 .000 2.352 3.529 .000 .000 .000 4.705 1.176																										
.000 2.352 3.529 3.529 3.529 2.352 2.352 7.058 .000 4.705 4.705 2.352 2.352 4.705 1.176 2.352																										
.000 5.892 .000 7.058 1.176 1.176 1.176 1.176 1.176 2.352 .000 1.176 .000 1.176 2.352 1.176																										
.000 .000 2.352																										
244163530	16.440	****	1.054	73	1.000																					
0 0 0 0 0 2 4 6 1 0 3 3 0 2 2 2 1 1 1 1 0 1 0 5 1 4																										
3 2 2 1 2 2 3 1 1 2 0 0 4 1 2 1 2 0 0 0 1 0 0 1 1 0																										
0 0 1																										
.000 .000 .000 .000 .000 2.739 5.479 8.219 1.369 .000 4.109 4.109 .000 2.739 2.739 2.739																										
1.369 1.369 1.369 1.369 .000 1.369 .000 6.849 1.369 5.479 4.109 2.739 2.739 1.369 2.739 2.739																										
4.109 1.369 1.369 2.739 .000 .000 5.479 1.369 2.739 1.369 2.739 .000 .000 .000 1.369 .000																										
.000 1.369 1.369 .000 .000 .000 1.369																										

$\frac{1}{2} \times 10 = 5$

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	RR	Z	LWC	NT	CPL	CONSTANT																				
244164130	45.516	****	2.919	155	1.000																					
0	0	0	0	0	3	5	5	3	3	4	6	5	5	3	0	5	3	2	2	2	2	6	7	7	2	
1	3	7	4	2	1	4	5	0	2	2	2	1	7	2	5	3	2	2	5	0	1	0	6	1	0	3
000	000	000	000	000	000	1.935	3.225	3.225	1.935	1.935	2.580	3.870	3.225	3.225	1.935	000	645	2.580	000	645	000	000	000	000	000	
3.225	1.935	1.290	1.290	1.290	1.290	1.290	3.870	4.516	4.516	1.290	1.935	4.516	2.580	1.290	645	2.580	000	645	000	000	000	000	000	000	000	
3.225	000	1.290	1.290	1.290	645	4.516	1.290	3.225	1.935	1.290	1.290	3.225	000	645	000	000	000	000	000	000	000	000	000	000	000	
3.870	645	000	1.935	645	1.935	000	645	000	645	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
244164230	47.116	****	3.021	131	1.000																					
0	0	0	0	0	4	2	2	4	4	2	2	2	3	4	1	0	3	3	2	2	1	2	3	2		
6	0	2	5	8	6	2	3	6	0	2	4	2	4	2	4	1	3	1	0	4	3	2	4	3	4	
1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
000	000	000	000	000	000	3.053	1.526	1.526	3.053	3.053	1.526	1.526	1.526	1.526	2.290	3.053	000	645	2.290	000	645	000	000	000	000	
763	000	2.290	2.290	1.526	1.526	763	1.526	2.290	1.526	4.580	000	1.526	3.816	6.105	4.580	000	645	2.290	000	645	000	000	000	000	000	
1.526	2.290	4.580	000	1.526	3.053	1.526	3.053	1.526	3.053	763	2.290	763	000	645	2.290	000	645	2.290	000	645	000	000	000	000	000	
1.526	3.053	2.290	3.053	763	000	000	763	000	763	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
244164330	49.420	****	3.169	158	1.000																					
0	0	0	0	0	3	8	3	3	1	2	1	3	2	2	3	6	6	2	2	2	6	4	8	6		
4	4	11	5	3	2	3	5	2	4	2	1	2	3	3	2	2	3	4	3	3	1	2	1	4	1	
0	0	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
000	000	000	000	000	000	1.898	5.063	1.898	1.898	632	1.265	632	1.898	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	
1.898	3.797	3.797	1.265	1.265	1.265	3.797	2.531	5.063	3.797	2.531	2.531	6.962	3.164	1.898	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	1.265	
1.898	3.164	1.265	2.531	1.265	632	1.265	1.898	1.898	1.265	1.265	1.265	1.898	2.531	1.898	1.898	1.898	1.898	1.898	1.898	1.898	1.898	1.898	1.898	1.898		
1.265	632	2.531	632	000	000	1.265	1.898	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
244164430	42.486	****	2.724	149	1.000																					
0	0	0	0	0	1	2	6	3	2	1	3	5	1	3	3	2	7	4	6	3	4	2	4	8	7	
7	2	4	4	8	1	6	2	4	1	1	1	1	1	3	2	2	3	0	3	1	3	3	0	3	0	
1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
000	000	000	000	000	000	671	1.342	4.026	2.013	1.342	671	2.013	3.355	671	2.013	3.355	671	2.013	3.355	671	2.013	3.355	671	2.013	3.355	
1.342	4.697	2.684	4.026	2.013	2.684	1.342	2.684	5.369	4.697	4.697	1.342	2.684	2.684	5.369	671	2.013	3.355	671	2.013	3.355	671	2.013	3.355	671	2.013	
4.026	1.342	2.684	671	671	671	671	671	2.013	1.342	1.342	1.342	2.013	000	2.013	671	2.013	3.355	671	2.013	3.355	671	2.013	3.355	671	2.013	
2.013	000	2.013	000	671	1.342	671	1.342	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
244164530	31.832	****	2.041	137	1.000																					
0	0	0	0	0	4	4	3	1	4	2	1	2	3	1	4	4	6	6	4	3	5	2	7	7		
0	6	7	1	4	3	1	4	2	3	3	3	0	0	0	2	1	3	2	3	0	1	0	2	0		
1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
000	000	000	000	000	000	2.919	2.919	2.189	729	2.919	1.459	729	1.459	2.189	729	1.459	2.189	729	1.459	2.189	729	1.459	2.189	729	1.459	
2.919	2.919	4.379	4.379	2.919	2.189	3.649	1.459	5.109	5.109	5.839	4.379	5.109	729	2.919	2.189	729	2.919	2.189	729	2.919	2.189	729	2.919	2.189	729	
729	2.919	1.459	2.189	2.189	2.189	2.189	000	000	000	000	1.459	729	2.189	1.459	2.189	1.459	2.189	729	1.459	2.189	729	1.459	2.189	729	1.459	
729	000	1.459	000	729	000	729	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	

	RR	Z	LWC	NT	CAL CONSTANT
244164630	36.714	****	2.354	154	1.000

	RR	Z	LWC	NT	CAL	CONSTANT																			
244165130.	9.003	****	577	27	1.000																				
0 0 0 0 0 0 1 0 2 1 1 2 0 0 0 0 1 0 0 2 1 0 0 1 0 1																									
1 1 0 1 1 1 2 0 0 0 0 0 0 0 0 0 2 1 0 0 1 0 0 0 0 1																									
0 0 1 1																									
000 000 000 000 000 000 000 3.703 000 7.407 3.703 3.703 7.407 000 000 000 000																			000	000	000	000			
3.703 000 000 7.407 3.703 000 000 3.703 000 3.703 3.703 3.703 000 3.703 3.703 3.703																			000	3.703	3.703	3.703			
7.407 000 000 000 000 000 000 000 000 000 000 7.407 3.703 000 000 3.703 000																			000	000	3.703	000			
000 000 000 3.703 000 000 3.703 3.703																									
244165230	6.591	****	422	15	1.000																				
0 0 0 0 0 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0																									
0 0 0 1 1 0 1 0 0 0 0 0 0 1 0 1 0 0 0 1 0 0 0 0 1 0																									
0 1 0 1																									
000 000 000 000 000 000 000 6.666 6.666 6.666 000 000 000 000 6.666 6.666 000																			000	6.666	6.666	000			
000 6.666 000 000 000 000 000 000 000 000 000 000 000 000 6.666 6.666 000																			000	6.666	6.666	000			
6.666 000 000 000 000 000 000 6.666 000 6.666																			000	6.666	000	000			
000 000 6.666 000 000 6.666 000 6.666																									
244165330	7.465	****	478	27	1.000																				
0 0 0 0 0 0 2 2 1 1 0 0 0 0 0 1 0 0 0 0 0 1 0 2 0 0 1																									
0 0 1 2 2 4 0 0 0 0 1 1 0 1 0 0 0 0 1 1 1 0 0 1 0 0																									
000 000 000 000 000 000 000 7.407 7.407 3.703 3.703 000 000 000 000 000 3.703																			000	000	3.703				
000 000 000 000 3.703 000 7.407 000 000 3.703 000 000 3.703 7.407 7.407 14.814																			000	000	3.703				
000 000 000 000 3.703 3.703 000 3.703 000 000 000 000 3.703 3.703 3.703 000																			000	000	3.703				
000 3.703																									
244165430	1.942	****	124	16	1.000																				
0 0 0 0 2 3 0 1 0 1 1 1 2 0 0 0 1 0 0 0 0 0 0 0 0 0																									
0 0 0 0 1 0 0 1 0 0 0 0 1 0 0 1																									
000 000 000 000 000 12.500 18.750 000 6.250 000 6.250 6.250 6.250 12.500 000 000																			000	000					
000 6.250 000 000 000 000 000 000 000 000 000 000 000 000 000 6.250																			000	6.250					
000 000 6.250 000 000 000 000 000 6.250 000 000 6.250																									
244165444	000	****	000		1.000																				

RR	Z	LWC	NT	CAL	CONSTANT														
250151100	715523485680EX 09	844936560348EX 11	321358745966EX 07	303762782700EX 10	943														
0 0 0 0 0 0 1 4	224841989000EX 10	0	300080834000EX 09	0	352844538000EX 09	0	5	8	7										
4 1 0 1 1 1 0 1	1																		
0 0	136282529000EX 09	0	1																
000 000 000 000 000 000 000 000	74.018	000	9.878	000	11.615	000	000	000											
000 000 000 000 000 000 000 000	000	000	000	000	4.486	000	000												
250151200	6.569	4580	287	96	943														
0 0 0 0 0 7 1 4	2	1	1	0	3	2	2	14	16	9	5	13	4	5	2	2	1	1	
1																			
000 000 000 000 000	7.291	1.041	4.166	2.083	1.041	1.041	000	3.125	2.083	2.083	14.583								
16.666	9.275	5.208	13.541	4.166	5.208	2.083	2.083	1.041	1.041	1.041									
250151300	3.772	2174	172	100	943														
0 0 0 0 2 17 16 8	2	1	1	1	3	3	4	5	10	5	8	7	4	2	0	1			
000 000 000 000	2.000	17.000	16.000	8.000	2.000	1.000	1.000	1.000	1.000	3.000	3.000	4.000	5.000						
10.000	5.000	8.000	7.000	4.000	2.000	000	1.000												
250151400	23.888	13414	1.102	521	943														
0 0 0 0 9 40 52 34	9	4	7	10	11	35	42	62	55	51	38	33	18	11	6	2	2		
000 000 000 000	1.694	7.532	9.792	6.403	1.694	753	1.319	1.983	2.071	6.591	7.909	11.676							
10.257	9.604	7.156	6.214	3.389	2.071	1.129	376	376											
250151500	18.992	9701	886	426	943														
0 0 0 0 2 33 27 14	6	9	6	7	13	24	52	63	59	38	32	17	14	8	1	1			
000 000 000 000	469	7.746	6.338	3.286	1.408	2.112	1.408	1.643	3.051	5.633	12.206	14.788							
13.849	8.920	7.511	3.990	3.286	1.877	234	234												
250151600	17.372	9348	812	376	943														
0 0 0 0 4 28 15 17	9	3	4	7	12	22	52	47	46	38	29	20	12	6	3	1	0	1	
000 000 000 000	1.063	7.446	3.989	4.521	2.392	797	1.063	1.861	3.191	5.851	13.829	12.500							
12.274	10.106	7.712	5.319	3.191	1.595	797	265	000	265										
250151700	62.018	38620	2.874	1507	943														
0 0 0 0 68 124 146 131	50	18	21	22	42	82	140	153	133	109	70	67	49	24	22	13	7	2	
1 1 0 1 1 1 1																			
000 000 000 000	4.512	9.228	9.688	0.692	3.317	1.194	1.393	1.459	2.786	5.441	9.820	10.152							
8.825	7.232	4.644	4.445	3.251	1.532	1.452	862	464	132	066	066	000	066	066	066	066	066	066	
066																			

			RR	Z	LNC			NT			CAL CONSTANT														
250151000			98.010	73813	4.447			2368			943														
0	6	4	0	51	245	264	210	77	41	39	58	82	149	201	225	198	130	102	89	62	49	30	19	9	3
6	3	3	1	2	2	3	1	2	1	1															
.000	.253	.168	.030	2.153	10.346	11.148	8.868	3.251	1.731	1.646	2.449	3.462	5.292	8.488	9.501										
8.361	5.489	4.307	3.758	2.618	2.069	1.266	.802	.380	.126	.253	.126	.126	.042	.064	.064										
.126	.042	.084	.042	.042																					
250151900			150.403	150425	6.351			3121			943														
0	12	0	0	96	353	332	274	123	69	44	71	90	134	267	285	309	174	96	95	67	53	43	28	22	12
18	11	4	5	3	2	3	3	5	3	3	1	2	2	1	1										
.000	.324	.000	.000	3.075	11.310	10.637	8.779	3.941	2.210	1.409	2.274	2.883	4.293	8.554	9.131										
9.900	5.575	3.075	3.043	2.146	1.858	1.377	.897	.704	.384	.576	.352	.128	.160	.096	.064										
.096	.096	.160	.096	.096	.032	.064	.064	.032	.032																
250152000			174.769	220280	7.164			3340			943														
0	0	0	3	107	328	394	306	135	65	42	65	96	150	289	329	333	183	113	85	69	53	32	30	22	16
16	12	8	5	7	4	5	3	6	2	1	2	1	1	4	2	1	2	2	1						
.000	.000	.000	.089	3.203	9.820	11.796	9.161	4.041	1.946	1.257	1.946	2.874	4.491	8.652	9.850										
9.970	5.479	3.381	2.544	2.055	1.886	.959	.898	.658	.479	.479	.359	.239	.149	.089	.119										
.149	.089	.179	.059	.029	.059	.029	.029	.119	.059	.029	.059	.059	.059	.029											
250152100			110.000	92302	4.827			2455			943														
0	6	0	0	49	238	269	240	91	36	27	44	85	120	229	256	224	151	96	76	68	52	26	19	12	10
5	5	3	1	3	3	1	2	1	2	2	2	0	1												
.000	.244	.000	.000	1.995	9.694	10.357	9.775	3.706	1.466	1.099	1.792	3.462	4.387	9.327	10.427										
9.124	6.150	3.910	3.095	2.769	2.118	1.059	.773	.488	.407	.203	.203	.122	.040	.122	.122										
.040	.081	.040	.081	.081	.081	.000	.040																		
250152200			121.849	99678	5.319			2826			943														
0	0	4	0	58	295	279	290	103	48	26	60	102	153	295	325	266	164	78	56	44	57	38	21	18	10
7	7	2	2	3	3	1	1	3	3	2	1	1													
.000	.000	.141	.000	2.052	10.438	9.872	10.251	3.644	1.698	.920	2.123	3.609	5.414	10.438	11.500										
9.412	5.803	2.760	1.981	1.556	2.016	1.344	.743	.636	.353	.247	.247	.070	.070	.106	.106										
.035	.035	.106	.106	.070	.035	.025																			
250152300			145.689	141753	6.228			3170			943														
0	0	4	0	66	323	284	253	144	59	45	57	81	156	279	315	305	160	85	67	49	50	48	29	22	22
15	10	4	9	4	5	1	5	2	3	5	2	0	1	1											
.000	.000	.126	.000	2.082	10.189	12.113	11.135	4.542	1.861	1.419	1.798	2.555	4.921	8.801	9.936										
9.621	5.047	2.681	2.113	1.545	1.577	1.514	.914	.694	.694	.473	.315	.126	.283	.126	.157										
.031	.157	.063	.094	.157	.063	.000	.031	.031																	

	RR	Z	LWC	NT	CAL CONSTANT																				
250152400	164.825	152493	7.012	3309	.943																				
0 12 11 0 105 325 321 276 155 60 46 64 94 133 291 336 322 212 107 87 65 76 58 31 25 21																									
19 14 7 9 4 3 2 4 5 2 3 2 2																									
.000 .362 .322 .000 3.173 9.821 9.700 8.340 4.684 1.813 1.390 1.934 2.840 4.019 8.794 10.154																									
9.721 6.406 3.233 2.629 1.964 2.296 1.752 .936 .755 .634 .574 .423 .211 .271 .120 .090																									
.060 .120 .151 .060 .090 .060 .060																									
250152500	157.158	142349	6.738	3312	.943																				
0 6 0 0 87 367 315 322 128 57 35 60 91 172 294 358 329 205 84 78 69 64 52 36 23 17																									
14 9 3 6 5 6 2 5 5 1 4 2 1																									
.000 .181 .000 .000 2.626 11.080 9.510 9.722 3.864 1.721 1.056 1.811 2.747 5.193 8.876 10.809																									
9.933 6.189 2.536 2.355 2.082 1.922 1.570 1.086 .694 .513 .422 .271 .090 .181 .150 .181																									
.060 .150 .150 .030 .120 .060 .030																									
250152600	171.205	172928	7.148	3367	.943																				
0 0 4 3 100 355 323 304 141 46 43 58 94 166 254 361 370 227 122 79 55 59 52 34 22 15																									
18 8 11 10 6 7 3 2 1 5 2 1 1 1 2 1 0 0 0 0 1																									
.000 .000 .118 .089 2.970 10.543 9.593 9.028 4.187 1.366 1.277 1.722 2.791 4.930 7.543 10.721																									
10.989 6.741 3.623 2.346 1.633 1.752 1.544 1.009 .653 .445 .534 .237 .326 .297 .178 .207																									
.089 .059 .029 .148 .059 .029 .029 .029 .059 .029 .000 .000 .000 .300 .029																									
250152606	1479.950	1550792	64.217	31177	.943																				
0 0 37 0 640 312600000000EX 04 310600000000EX 04 290100000000EX 04 120700000000EX 04 605 400 702 1200000000																									
00EX 04 171400000000EX 04 287900000000EX 04 369800000000EX 04 269000000000EX 04 173200000000EX 04 976 733 511 472 479																									
212 211 201																									
113 94 65 64 59 58 26 26 20 40 25 10 10 0 10 0 10 5 5 0 0 0 5																									
.000 .000 .118 .000 2.052 10.026 9.962 9.304 3.871 1.940 1.282 2.251 3.848 5.497 9.234 11.861																									
8.628 5.555 3.120 2.351 1.639 1.513 1.536 1.000 .676 .644 .362 .301 .208 .205 .189 .196																									
.083 .083 .064 .128 .080 .032 .032 .000 .032 .000 .032 .016 .016 .000 .000 .000																									
.016																									
250152754	112.000	94155	5.003	2775	.924																				
0 18 7 0 70 318 297 222 99 41 51 78 121 210 311 324 154 27 67 51 58 48 34 25 23 13																									
9 6 3 3 4 2 3 2 1 1 2 0 2																									
.000 .648 .252 .000 2.522 11.459 10.702 8.000 3.567 1.477 1.827 2.810 4.360 7.567 11.207 11.675																									
5.549 3.495 2.414 1.837 2.090 1.729 1.225 .900 .828 .468 .324 .216 .108 .108 .144 .072																									
.108 .072 .026 .036 .072 .000 .072																									
250152854	109.018	79048	4.872	2926	.924																				
0 6 0 0 87 344 342 222 102 45 49 62 172 274 351 264 168 83 72 75 56 42 31 23 17 10																									
8 6 2 3 2 1 1 1 1 1 1 0 0 0 1																									
.000 .205 .000 .000 2.974 11.756 11.690 7.597 3.485 1.537 1.674 2.153 5.879 9.364 11.995 9.022																									
5.741 2.836 2.460 2.563 1.913 1.435 1.059 .786 .580 .341 .273 .205 .058 .102 .068 .034																									
.034 .034 .034 .034 .034 .000 .000 .000 .034																									

			RR	Z	LHC		NT	CAL CONSTANT																	
250152954			106.380	100982	4.659		2824	924																	
0	0	0	3	62	403	294	238	73	43	63	94	183	314	334	218	124	80	61	56	41	39	19	18	19	11
6	3	2	2	3	3	3	2	1	1	2	2	0	1	2	0	0	1								
.000	.000	.000		.106	2.195	14.270	10.410	8.427	2.584	1.522	2.230	3.328	6.480	11.118	11.827	7.719									
4.390	2.832	2.160	1.983	1.451	1.381	.672	.627	.672	.389	.212	.106	.070	.070	.106	.106										
.106	.070	.035	.035	.070	.070	.000	.035	.070	.000	.000	.000	.035													
250153054			75.213	58201	3.333		2059	924																	
0	0	0	3	23	288	215	159	64	35	29	64	140	224	250	177	111	64	47	45	39	20	13	13	8	7
5	3	2	3	1	1	1	1	1	0	1	0	0	1	0	1										
.000	.000	.000		.145	1.117	13.987	10.441	7.722	3.108	1.699	1.408	3.108	6.799	10.879	12.141	8.596									
5.390	3.108	2.282	2.185	1.894	.971	.631	.631	.388	.339	.242	.145	.097	.145	.048	.048										
.048	.048	.048	.048	.000	.048	.000	.000	.048	.000	.000	.048														
250153154			42.942	32915	1.825		1128	924																	
0	0	0	0	0	140	134	106	34	9	20	35	67	127	133	111	59	36	31	27	20	10	6	6	3	2
4	2	2	0	0	0	1	1	0	1	0	0	0	0	3	0	0	1								
.000	.000	.000	.000	.000	.000	12.411	11.879	9.397	3.014	.797	1.773	3.102	5.939	11.258	11.790	9.840									
5.230	3.191	2.748	2.393	1.773	.896	.531	.531	.265	.177	.354	.177	.088	.177	.000	.000	.000									
.098	.088	.000	.088	.000	.000	.000	.000	.000	.000	.000	.000	.088													
250153254			33.933	36019	1.483		900	924																	
0	0	0	0	4	141	87	85	25	9	15	31	53	98	110	88	42	32	17	17	9	8	4	5	3	4
2	4	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1					
.000	.000	.000	.000	.444	15.666	9.666	9.444	2.777	1.000	1.666	3.444	5.888	10.388	12.222	9.777										
4.666	3.555	1.888	1.888	1.000	.888	.444	.555	.333	.444	.222	.444	.111	.111	.000	.000	.000									
.000	.111	.111	.111	.111	.000	.000	.000	.000	.000	.000	.000	.000	.000	.111											
250153354			17.781	17425	.786		451	924																	
0	0	0	0	2	65	49	38	15	4	5	13	34	61	69	31	21	9	5	5	5	8	2	6	4	3
2	2	1	0	0	0	0	1	0	0	0	0	0	0	0	1										
.000	.000	.000	.000	.433	14.099	10.629	8.242	3.253	.867	1.094	2.819	7.375	13.222	14.867	6.724										
4.555	1.952	1.084	1.084	1.084	1.735	.433	1.301	.867	.650	.433	.433	.216	.000	.000	.000										
.000	.216	.000	.000	.000	.000	.000	.000	.000	.000	.216															
250153454			0.145	5133	.385		229	924																	
0	0	0	0	2	21	31	12	4	3	2	6	12	22	40	17	7	4	5	2	1	4	1	2	3	2
0	1																								
.000	.000	.000	.000	.873	9.170	13.537	5.240	1.746	1.310	.873	2.620	8.296	14.410	17.467	7.423										
3.056	1.746	2.183	3.930	.436	1.746	.436	.873	1.310	.873	.000	.436														

			RR	Z	LWC			NT			CAL CONSTANT														
250153554			42.077	83020	1.575			813			924														
0	0	0	0	2	129	102	64	31	15	11	31	71	91	74	59	37	18	18	15	4	5	4	3	2	2
3	2	3	2	2	1	1	2	1	0	1	1	1	0	0	0	1	1	2	0	0	0	0	0	0	1
.000	.000	.000	.000	.000	.246	15.867	12.546	7.872	3.813	1.845	1.353	3.813	8.733	11.193	9.102	7.257									
4.551	2.214	2.214	1.845	.492	.615	.492	.369	.246	.246	.369	.246	.369	.246	.369	.246	.246	.123								
.123	.246	.123	.000	.123	.123	.123	.000	.000	.000	.123	.123	.246	.000	.000	.000	.000									
.000	.000	.000	.000	.123																					
250153654			26.428	45229	1.035			639			924														
0	0	0	0	2	121	67	58	30	13	15	18	48	71	65	53	29	11	8	3	2	4	1	2	2	2
1	2	1	2	0	0	1	2	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	1	2	2
.000	.000	.000	.000	.000	.312	18.935	10.485	9.076	4.694	2.034	2.347	2.816	7.511	11.111	10.172	8.294									
4.538	1.721	1.251	.469	.312	.625	.156	.312	.312	.312	.156	.312	.156	.312	.156	.312	.000	.000								
.156	.312	.156	.000	.156	.000	.000	.000	.000	.000	.312	.000	.000	.000	.000	.000	.000	.000								
.000	.156																								
250153754			13.767	38807	.481			229			924														
0	0	0	0	2	49	28	20	7	1	7	7	10	21	25	21	7	5	6	2	1	1	1	0	0	0
1	1	0	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0
.000	.000	.000	.000	.000	.873	21.397	12.227	8.733	3.056	.436	3.056	3.056	4.366	9.170	10.917	9.170									
3.056	2.183	2.620	.873	.436	.436	.436	.000	.000	.000	.436	.436	.000	.436	.000	.000	.436	.000								
.000	.436	.000	.436	.000	.000	.000	.000	.000	.436	.000	.000	.000	.000	.000	.000	.436	.000								
.000	.436																								
250153854			57.006	158213	2.105			1182			924														
0	0	0	0	11	197	166	119	34	32	35	43	75	122	128	65	41	22	23	13	12	5	1	2	4	2
2	3	3	2	1	3	1	1	1	1	0	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0
1	0	2																							
.000	.000	.000	.000	.000	.930	16.666	14.042	10.067	2.876	2.707	2.961	3.637	6.345	10.321	10.829	5.499									
3.463	1.861	1.945	1.099	1.015	.676	.084	.169	.338	.169	.169	.169	.253	.253	.159	.084	.253									
.084	.084	.084	.084	.000	.000	.000	.000	.000	.084	.000	.084	.084	.000	.084	.084	.000	.084								
.084	.000	.000	.000	.084	.000	.000	.169																		
250153954			64.266	87820	2.460			1274			924														
0	0	0	0	2	225	172	91	40	19	29	38	73	119	140	98	58	31	23	17	10	11	9	8	9	7
7	4	8	4	5	2	2	1	1	1	3	1	2	1	1	0	0	1	1							
.000	.000	.000	.000	.000	.156	17.560	13.500	7.142	3.139	1.491	2.276	2.982	5.729	9.340	10.909	7.692									
1.552	2.422	1.805	1.324	.784	.863	.706	.627	.706	.549	.549	.313	.627	.313	.392	.156										
.156	.078	.078	.078	.235	.078	.156	.078	.078	.078	.000	.000	.078	.078												

CAL CONSTANT																																																	
RR					Z			LWC			NT																																						
250154054					68.615			81067			2.851			1482			924																																
0	0	0	0	4	192	151	121	52	22	30	46	83	150	199	143	71	40	29	21	24	18	15	17	11	13																								
7	4	3	4	1	1	1	0	2	2	0	0	0	1	1	0	1	1	0	1																														
.000					.000			.269			12.955			10.188			8.164			3.508			1.484			2.024			3.103			5.600			10.121			13.427			9.649								
4.790					2.639			1.956			1.417			1.619			1.214			1.012			1.147			.742			.877			.472			.269			.202			.269			.067			.067		
.067					.000			.134			.134			.000			.000			.067			.067			.000			.067			.000			.067			.000			.067								
250154154					34.088			26858			1.523			814			924																																
0	0	0	0	0	108	85	43	25	11	17	25	47	90	105	69	36	26	21	26	25	18	12	8	5	4																								
1	3	1	1	0	0	0	0	1	0	0	0	0	1																																				
.000					.000			.000			13.267			10.442			5.282			3.071			1.351			2.088			3.071			5.773			11.056			12.899			8.476								
4.422					2.194			2.579			3.194			3.071			2.311			1.474			.982			.614			.491			.122			.368			.122			.122			.000			.000		
.000					.000			.122			.000			.000			.122			.000			.000			.122			.000			.000			.122			.000			.000								
250154254					7.266			8039			.295			166			924																																
0	0	0	0	0	47	4	8	8	0	1	4	20	15	15	13	10	4	1	3	3	2	2	0	2	1																								
0	1	0	0	0	0	0	0	0	1	1																																							
.000					.000			.000			28.313			2.409			4.819			4.819			.000			.602			2.409			12.048			9.036			9.036			7.831								
6.024					2.409			.602			1.807			1.807			1.204			1.204			.000			1.204			.602			.000			.602			.000			.000			.000					
.000					.000			.000			.602			.602			.000			.000			.602			.000			.000			.000			.000			.000			.000								
250154354					127			150			.008			14			924																																
0	0	0	0	0	10	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1																									
.000					.000			.000			71.428			7.142			7.142			.000			.000			7.142			.000			.000			.000			.000			.000								
.000					.000			.000			.000			.000			.000			.000			.000			.000			.000			.000			.000			.000			.000								

[illegible]

		RR		Z		LWC		NT		CAL CONSTANT															
250151800		98.010		****		6.285		2580		.943															
0	1	1	0	24	140	177	160	65	38	39	62	93	178	252	295	270	183	149	134	95	78	49	32	16	6
10	6	6	2	3	4	5	1	3	2	1															
.000	.038	.038	.000	.930	5.426	6.860	6.201	2.519	1.472	1.511	2.403	3.604	5.899	9.767	11.434										
10.465	7.093	5.775	5.193	3.682	3.023	1.899	1.240	.620	.232	.387	.232	.232	.077	.116	.155										
.193	.038	.116	.077	.038																					
250151900		150.403		****		9.645		3385		.943															
0	2	0	0	45	202	222	209	104	64	44	76	102	160	335	374	421	245	139	142	104	92	70	47	37	21
32	19	7	9	6	3	6	6	9	6	6	2	5	4	2	3	0	0	1	0	0	0	1	0	0	0
0	0	1																							
.000	.059	.000	.000	1.329	5.967	6.958	6.174	3.072	1.890	1.299	2.245	3.013	4.726	9.896	11.048										
12.437	7.227	4.106	4.194	3.072	2.717	2.067	1.388	1.093	.620	.945	.561	.206	.265	.177	.088										
.177	.177	.265	.177	.177	.059	.147	.118	.059	.088	.000	.000	.029	.000	.000	.000										
.029	.000	.000	.000	.000	.000	.029																			
250152000		174.769		****		11.208		3646		.943															
0	0	0	1	50	188	264	233	114	60	42	70	109	179	362	432	454	258	164	127	107	100	52	50	37	28
20	22	14	10	13	7	10	5	11	4	2	4	2	2	9	4	2	5	4	2	0	1	1	1	0	0
1	0	0	1																						
.000	.000	.000	.027	1.371	5.156	7.240	6.390	3.126	1.645	1.151	1.919	2.989	4.909	9.928	11.848										
12.452	7.076	4.498	3.483	2.934	2.742	1.426	1.371	1.014	.767	.767	.603	.393	.274	.356	.191										
.274	.137	.301	.109	.054	.109	.054	.054	.246	.109	.054	.137	.109	.054	.000	.027										
.027	.027	.000	.000	.027	.000	.000	.027																		
250152100		110.000		****		7.054		2698		.943															
0	1	0	0	23	136	180	183	77	33	27	47	96	144	287	336	306	212	140	114	105	82	42	31	20	17
9	9	6	2	5	5	2	3	2	3	3	5	0	2	0	1	0	0	1	1						
.000	.037	.000	.000	.852	5.040	6.671	6.782	2.853	1.223	1.000	1.742	3.558	5.337	10.637	12.453										
11.741	7.857	5.189	4.225	3.891	3.039	1.556	1.148	.741	.630	.333	.333	.222	.074	.185	.185										
.074	.111	.074	.111	.111	.185	.000	.074	.000	.037	.000	.000	.037	.037	.037	.037										
250152200		121.849		****		7.814		3087		.943															
0	0	1	0	27	169	187	221	87	44	26	64	116	183	370	426	363	231	114	84	68	91	62	35	31	18
13	12	3	3	6	5	2	2	6	5	3	2	2	1	0	1	0	1	0	0	1	0	1			
.000	.000	.032	.000	.874	5.474	6.057	7.159	2.818	1.425	.942	2.073	3.757	5.928	11.985	13.799										
11.758	7.482	3.692	2.721	2.202	2.947	2.008	1.133	1.004	.583	.421	.389	.097	.097	.194	.161										
.064	.064	.194	.161	.097	.064	.064	.032	.000	.032	.000	.032	.000	.032	.032	.000										
.022																									

																								RR	Z	LWC	NT	CAL CONSTANT									
250152200																								145.689	****	9.343	3421	.943									
0	0	1	0	31	185	257	269	122	55	45	61	92	187	350	413	416	226	124	101	76	80	79	49	37	38												
26	18	7	16	8	10	2	9	3	6	10	5	0	2	3	1	0	0	0	0	0	0	1															
.000	.000	.029	.000	.906	5.407	7.512	7.863	3.566	1.607	1.315	1.783	2.689	5.466	10.230	12.072																						
12.160	6.606	3.624	2.952	2.221	2.338	2.309	1.432	1.081	1.110	.760	.526	.204	.467	.233	.292																						
.058	.263	.087	.175	.292	.146	.000	.058	.087	.029	.000	.000	.000	.000	.000	.000																						
.029																																					
250152400																								164.825	****	10.570	3651	.943									
0	2	3	0	49	186	215	210	131	56	46	68	107	159	365	440	439	298	156	130	101	120	94	51	43	37												
34	26	12	17	8	6	3	8	10	4	5	4	4	0	0	1	1	0	1	0	0	0	1															
.000	.054	.082	.000	1.342	5.094	5.888	5.751	3.588	1.533	1.259	1.882	2.930	4.354	9.997	12.051																						
12.024	8.162	4.272	3.560	2.766	3.286	2.574	1.396	1.177	1.013	.931	.712	.328	.465	.219	.164																						
.082	.219	.273	.109	.136	.109	.109	.000	.000	.027	.027	.000	.027	.000	.000	.000																						
.027																																					
250152500																								157.158	****	10.079	3636	.943									
0	1	0	0	41	210	211	245	108	53	35	64	103	206	269	470	449	289	122	117	107	101	84	60	39	30												
25	16	6	11	10	12	3	10	9	1	7	5	3	0	1	1	1	0	1																			
.000	.027	.000	.000	1.127	5.775	5.803	6.738	2.970	1.457	.962	1.760	2.832	5.665	10.148	12.926																						
12.348	7.948	3.255	3.217	2.942	2.777	2.310	1.650	1.072	.825	.687	.440	.165	.302	.275	.330																						
.082	.275	.247	.027	.192	.137	.082	.000	.027	.027	.027	.000	.027																									
250152600																								171.205	****	10.980	3727	.943									
0	0	1	1	47	203	216	232	119	43	43	62	107	199	318	474	505	320	177	119	85	93	84	56	37	27												
32	15	21	19	12	12	6	4	2	10	4	3	3	3	4	2	1	0	0	1	2	1	0	0	0	0												
.000	.000	.026	.026	1.261	5.446	5.795	6.224	3.192	1.153	1.153	1.663	2.870	5.339	8.532	12.718																						
13.549	8.585	4.749	3.192	2.280	2.495	2.253	1.502	.992	.724	.858	.402	.563	.509	.321	.348																						
.160	.107	.052	.268	.107	.080	.080	.080	.107	.053	.026	.000	.000	.026	.053	.026																						
.000	.000	.000	.000	.026																																	
250152606																								1479.950	****	9.491	3438	.943									
0	0	1	0	30	179	208	221	102	56	40	75	136	205	361	485	367	244	142	110	79	75	78	52	36	35												
20	17	12	12	11	11	5	5	4	8	5	2	2	0	2	0	2	1	1	0	0	0	1															
.000	.000	.029	.000	.872	5.206	6.050	6.428	2.966	1.628	1.163	2.181	3.955	5.962	10.500	14.107																						
10.674	7.097	4.130	3.199	2.297	2.181	2.268	1.512	1.047	1.018	.581	.494	.349	.349	.319	.319																						
.145	.145	.116	.232	.145	.058	.058	.000	.058	.000	.058	.029	.029	.000	.000	.000																						
.029																																					

																								RR	Z	LWC	NT	CAL CONSTANT																		
250152754																								112.000	****	7.182	2961	924																		
0	3	2	0	33	182	199	169	84	38	51	83	137	251	390	425	210	137	97	76	90	77	55	41	40	22																					
16	11	6	5	8	3	5	3	1	1	3	0	4	1	1	1																															
000	101	067	000	1.114	6.146	6.720	5.707	2.836	1.283	1.722	2.803	4.626	8.476	13.171	14.353																															
7.092	4.676	3.275	2.566	3.039	2.600	1.857	1.384	1.350	742	540	371	202	168	270	101																															
168	101	033	033	101	000	135	033	033	033	033																																				
250152854																								109.018	****	6.991	3055	924																		
0	1	0	0	41	197	229	169	86	42	49	67	195	328	440	346	229	117	105	113	86	56	51	38	29	17																					
15	10	4	5	3	1	1	2	2	2	2	1	0	1	2	0	1	0	1	0	1																										
000	032	000	000	1.324	6.365	7.399	5.460	2.778	1.357	1.583	2.164	6.300	10.597	14.216	11.179																															
7.299	3.780	3.392	3.651	2.778	2.132	1.647	1.227	936	549	484	223	129	161	096	032																															
032	064	064	064	064	032	000	032	064	000	032	000	032	000	032	000																															
250152954																								106.380	****	6.822	2950	924																		
0	0	0	1	29	231	197	181	62	40	63	101	207	375	419	286	169	112	89	84	64	62	31	30	32	19																					
11	5	4	4	6	5	5	3	1	1	3	5	1	2	4	1	0	2	0	0	1	1	0	0	0	0																					
1																																														
000	000	000	033	983	7.820	6.877	6.135	2.101	1.355	2.135	3.423	7.016	12.711	14.203	9.694																															
5.728	3.796	3.016	2.847	2.169	2.101	1.050	1.016	1.084	644	372	169	135	135	203	169																															
169	101	033	033	101	169	033	067	135	033	000	067	000	000	033	033																															
000	000	000	000	033																																										
250153054																								75.213	****	4.823	2180	924																		
0	0	0	1	11	165	144	121	54	32	29	68	159	268	314	232	151	90	69	67	61	32	22	22	14	12																					
8	6	4	5	2	2	2	2	1	0	1	0	1	3	0	2	1	1	0	0	1																										
000	000	000	045	504	7.568	6.605	5.550	2.477	1.467	1.330	3.119	7.293	12.293	14.403	10.642																															
6.926	4.128	3.165	3.073	2.798	1.467	1.009	1.009	642	550	366	275	183	229	091	091																															
091	091	045	000	045	000	045	137	000	091																																					
250153154																								42.942	****	2.754	1201	924																		
0	0	0	0	0	80	90	81	29	8	20	37	76	152	167	146	81	50	45	41	31	16	9	10	5	3																					
7	3	3	0	0	0	1	1	0	1	0	0	1	0	1	0	0	2	1	0	1	0	1	0	1																						
000	000	000	000	000	6.661	7.493	6.744	2.414	666	1.665	3.000	6.328	12.656	13.905	12.156																															
6.744	4.163	3.746	3.413	2.581	1.332	749	832	416	249	582	249	249	000	000	000																															
083	083	000	083	000	000	083	000	083	000	083	000	000	166	083	000	083																														
083	000	082																																												

		RR		Z		LWC		NT		CAL		CONSTANT													
250153254		33.923		****		2.176		943		924															
0	0	0	0	2	81	58	65	21	8	15	33	60	117	138	115	57	45	25	25	14	13	7	8	5	7
4	7	1	1	0	0	0	1	2	1	1	0	0	1	0	1	1	1	0	0	2					
.000	.000	.000	.000	.212	8.589	6.150	6.892	2.226	.848	1.590	3.499	6.362	12.407	14.634	12.195										
6.044	4.772	2.631	2.651	1.484	1.378	.742	.848	.530	.742	.424	.742	.106	.106	.000	.000										
.000	.106	.212	.106	.106	.000	.000	.106	.000	.106	.106	.106	.000	.000	.212											
250153304		17.781		****		1.140		489		924															
0	0	0	0	1	37	33	29	13	4	5	14	39	73	87	40	28	12	8	8	8	13	3	10	7	5
3	3	1	0	0	0	0	2	0	0	0	0	0	0	1	2										
.000	.000	.000	.000	.204	7.566	6.748	5.930	2.658	.817	1.022	2.862	7.975	14.928	17.791	8.179										
5.725	2.452	1.635	1.635	1.635	2.658	.613	2.044	1.431	1.022	.613	.613	.204	.000	.000	.000										
.000	.408	.000	.000	.000	.000	.000	.000	.000	.204	.408															
250153454		8.145		****		.522		249		924															
0	0	0	0	1	12	21	9	3	3	2	6	22	40	50	22	10	5	8	13	2	6	1	3	5	3
0	2																								
.000	.000	.000	.000	.401	4.819	8.433	3.614	1.204	1.204	.803	2.409	8.835	16.064	20.080	8.835										
4.016	2.008	3.212	5.220	.803	2.409	.401	1.204	2.008	1.204	.000	.803														
250153554		42.077		****		2.698		844		924															
0	0	0	0	1	74	68	49	26	14	11	33	80	109	93	78	51	26	26	23	6	8	6	5	3	4
5	4	5	3	3	2	1	3	1	0	1	2	3	1	1	1	3	2	4	1	0	0	0	1	0	2
1																									
.000	.000	.000	.000	.118	8.767	8.056	5.805	3.080	1.658	1.303	3.909	9.478	12.914	11.018	9.241										
6.042	3.090	3.080	2.725	.710	.947	.710	.592	.355	.473	.592	.473	.592	.355	.355	.236										
.118	.355	.118	.000	.118	.236	.355	.118	.118	.118	.355	.236	.473	.118	.000	.000										
.000	.118	.000	.236	.118																					
250153654		26.428		****		1.694		638		924															
0	0	0	0	1	69	45	44	25	12	15	19	54	85	82	69	39	15	12	4	3	6	2	4	3	3
1	3	2	3	0	0	1	3	1	0	1	1	0	0	1	4	1	0	1	0	1	1	0	1	1	
.000	.000	.000	.000	.156	10.815	7.053	6.896	3.918	1.880	2.351	2.978	8.463	13.322	12.852	10.815										
6.112	2.351	1.880	.626	.470	.940	.313	.626	.470	.470	.156	.470	.313	.470	.000	.000										
.156	.470	.156	.000	.156	.156	.000	.000	.156	.626	.156	.000	.156	.000	.156	.156										
.000	.156	.156																							
250153754		13.767		****		.882		228		924															
0	0	0	0	1	28	19	15	6	1	7	8	11	25	31	27	9	7	9	3	2	1	2	0	0	0
1	1	0	0	0	1	0	1	0	2	0	1	1	0	2	0	0	0	1	1	2	0	0	2		
.000	.000	.000	.000	.438	12.280	8.333	6.578	2.631	.438	3.070	3.508	4.824	10.954	13.596	11.842										
2.947	2.070	2.947	1.315	.877	.438	.877	.000	.000	.000	.438	.438	.000	.000	.000	.438										
.000	.438	.000	.877	.000	.438	.438	.000	.877	.000	.000	.000	.438	.438	.000	.438										
.000	.877																								

RR	2	LHC	NT	CAL	CONSTANT																	
250153854	57.006	****	3.655	1178	.924																	
0 0 0 0 5 113 111 91 29 30 35 46 85 146 161 85 56 31 33 20 19 12 2 3 7 3																						
3 5 5 3 2 5 2 1 2 1 0 0 0 0 2 0 3 2 1 3 2 1 3 0 1 1																						
2 0 5																						
.000 .000 .000 .000 .424 9.592 9.422 7.724 2.461 2.546 2.971 3.904 7.215 12.393 13.667 7.215																						
4.753 2.631 2.801 1.697 1.612 1.018 1.69 254 594 254 254 424 254 169 424																						
169 .084 169 .084 .000 .000 .000 .000 169 .000 254 169 .084 254 169 .084																						
.254 .000 .084 .084 169 .000 .424																						
250153954	64.266	****	4.121	1325	.924																	
0 0 0 0 1 129 115 69 34 18 29 41 83 142 176 128 79 43 34 26 15 17 15 14 15 13																						
12 7 14 7 10 3 3 2 1 2 6 2 5 3 2 1 1 2 2 0 0 1 1 1 0 0																						
1																						
.000 .000 .000 .000 .075 9.735 8.679 5.207 2.566 1.358 2.188 3.094 6.264 10.716 13.283 9.660																						
5.962 3.245 2.566 1.962 1.132 1.283 1.132 1.056 1.132 .981 .905 .528 1.056 .528 .754 .226																						
.226 .150 .075 .150 .452 .150 .377 .226 .150 .075 .075 .150 .150 .000 .000 .075																						
.075 .075 .000 .000 .075																						
250154054	68.615	****	4.400	1606	.924																	
0 0 0 0 2 110 101 92 44 20 30 49 94 179 250 188 97 56 42 32 37 28 24 29 19 22																						
12 8 6 7 2 2 2 0 3 4 0 0 1 3 3 0 3 2 0 2 0 0 0 1																						
.000 .000 .000 .000 .124 6.849 6.288 5.728 2.739 1.245 1.867 3.051 5.853 11.145 15.566 11.706																						
6.039 3.486 2.615 1.992 2.303 1.743 1.494 1.805 1.183 1.369 .747 .498 .373 .435 .124 .124																						
.124 .000 .186 .249 .000 .000 .062 .186 .186 .000 .186 .124 .000 .124 .000 .000																						
.000 .062																						
250154154	34.036	****	2.186	895	.924																	
0 0 0 0 0 62 57 33 21 10 17 27 53 108 132 91 49 37 30 39 38 28 19 14 9 7																						
2 5 2 1 0 0 0 0 1 0 0 0 0 2 0 0 0 0 1																						
.000 .000 .000 .000 .000 6.927 6.368 3.687 2.346 1.117 1.899 3.016 5.921 12.367 14.748 10.167																						
5.474 4.124 3.351 4.357 4.245 3.128 2.122 1.564 1.005 .782 .723 .558 .223 .111 .000 .000																						
.000 .000 .111 .000 .000 .000 .000 .000 .000 .000 .000 .111																						
250154254	7.266	****	.466	171	.924																	
0 0 0 0 0 27 3 6 7 0 1 4 23 18 19 17 14 5 2 5 4 3 3 0 3 1																						
0 1 0 0 0 0 0 0 0 1 1 0 1 1 1																						
.000 .000 .000 .000 .000 15.789 1.754 3.508 4.093 .000 .584 2.339 13.450 10.526 11.111 9.941																						
8.187 2.923 1.469 2.923 2.339 1.754 .000 1.754 .584 .584 .000 .584 .000 .000 .000 .000																						
.000 .000 .000 .584 .584 .000 .584 .584 .584																						

250154354	RR	Z	LWC	NT	CAL CONSTANT
0 0 0 0 0 6 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1	127	****	000	10	924
000 000 000 000 000 60.000 10.000 10.000 000 000 10.000 000 000 000 000 000 000 000					
000 000 000 000 000 000 10.000					