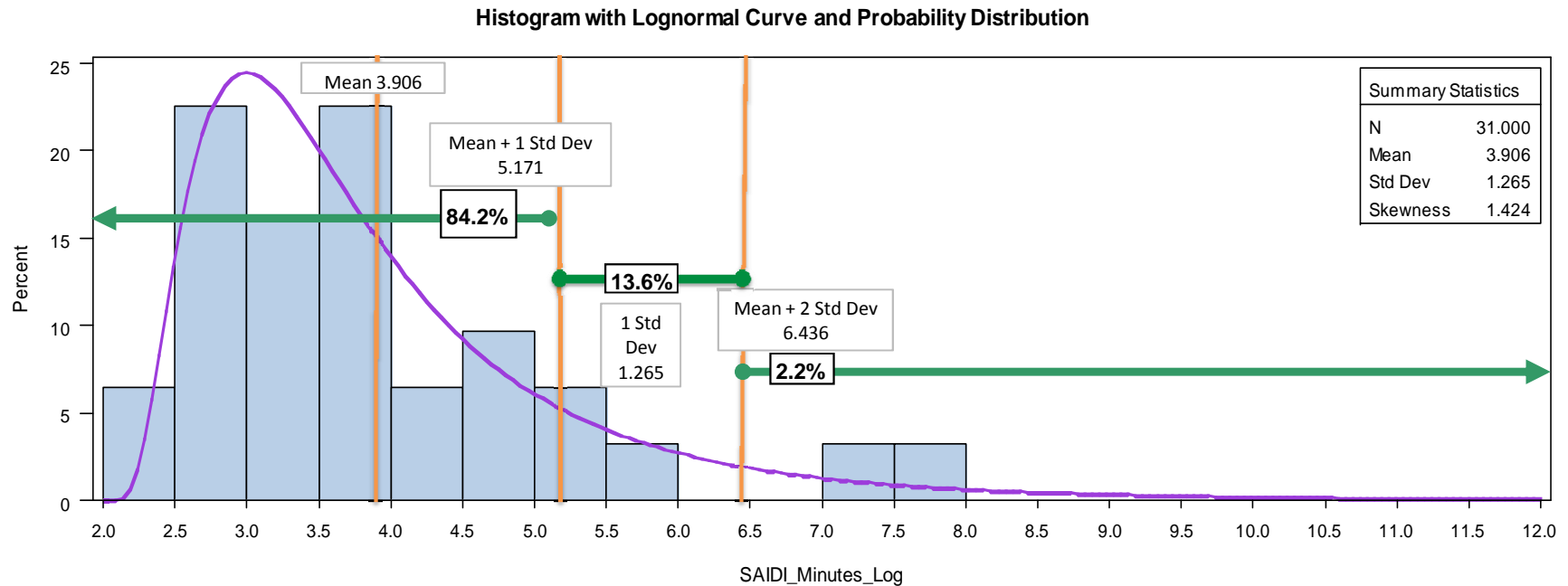


Appendix B: Analysis of January 2002-August 2012 SQI SAIDI Major Events(5% or More Customers Out)



Appendix B: Analysis of January 2002-August 2012 SQI SAIDI Major Events
(5% or More Customers Out)

List of the SQI SAIDI Major Events
SAIDI Minutes and Natural Log Value

Obs	SQI_Major_ Event_Start_ Date	SAIDI_ Minutes_ Log	SAIDI_ Minutes
1	23APR2009	2.36738	10.67
2	02DEC2007	2.44973	11.59
3	03MAY2010	2.69005	14.73
4	16NOV2009	2.69772	14.85
5	14DEC2010	2.77866	16.10
6	17DEC2005	2.82634	16.88
7	25DEC2005	2.86871	17.61
8	14FEB2011	2.95096	19.12
9	12DEC2004	2.95184	19.14
10	14APR2002	3.18627	24.20
11	20MAR2005	3.38756	29.59
12	16OCT2003	3.42029	30.58
13	17JAN2010	3.45693	31.72
14	09JAN2007	3.46397	31.94
15	27APR2004	3.55309	34.92
16	26NOV2006	3.59109	36.27
17	20DEC2008	3.64124	38.14
18	12NOV2007	3.68060	39.67
19	17FEB2006	3.71807	41.18
20	02JAN2003	3.78474	44.02
21	17DEC2010	3.96098	52.51
22	18OCT2007	4.12922	62.13
23	27DEC2002	4.41419	82.62
24	15NOV2010	4.63619	103.15
25	15NOV2006	4.74054	114.50
26	06JAN2004	4.91144	135.84
27	22NOV2010	5.10357	164.61
28	03FEB2006	5.19451	180.28
29	04DEC2003	5.77667	322.68
30	18JAN2012	7.14603	1269.06
31	13DEC2006	7.61791	2034.31

Appendix B: Analysis of January 2002-August 2012 SQI SAIDI Major Events
(5% or More Customers Out)

Descriptive Statistics

The UNIVARIATE Procedure

Variable: SAIDI_Minutes_Log (SAIDI_Minutes_Log)

Moments

N	31	Sum Weights	31
Mean	3.90633895	Sum Observations	121.096508
Std Deviation	1.26487973	Variance	1.59992073
Skewness	1.42415145	Kurtosis	2.07713763
Uncorrected SS	521.041626	Corrected SS	47.9976218
Coeff Variation	32.3801837	Std Error Mean	0.22717911

Basic Statistical Measures

Location		Variability	
Mean	3.906339	Std Deviation	1.26488
Median	3.591088	Variance	1.59992
Mode	.	Range	5.25053
		Interquartile Range	1.68523

Quantiles (Definition 5)

Quantile	Estimate
100% Max	7.61791
99%	7.61791
95%	7.14603
90%	5.19451
75% Q3	4.63619
50% Median	3.59109
25% Q1	2.95096
10%	2.69772
5%	2.44973
1%	2.36738
0% Min	2.36738

Appendix B: Analysis of January 2002-August 2012 SQI SAIDI Major Events
(5% or More Customers Out)

Descriptive Statistics

The UNIVARIATE Procedure

Variable: SAIDI_Minutes_Log (SAIDI_Minutes_Log)

Stem	Leaf	#	Boxplot
7	6	1	0
7	1	1	
6			
6			
5	8	1	
5	12	2	
4	679	3	+-----+
4	014	3	
3	55666778	8	*-+--*
3	00244	5	+-----+
2	77889	5	
2	44	2	
			-----+-----+-----+-----+

