

Obs	Season	Name	Basin	MaxWindMPH	MinPressure	StartDate	EndDate
1	1980		na	35	.	17JUL1980	18NOV1980
2	1980		SP	.	998	27MAR1980	30MAR1980
3	1980	AGATHA	EP	115	.	09JUN1980	15JUN1980
4	1980	ALBINE	SI	.	.	27NOV1979	06DEC1979
5	1980	ALEX	WP	40	998	09OCT1980	14OCT1980
6	1980	ALLEN	NA	190	899	31JUL1980	11AUG1980
7	1980	AMY	SI	132	915	04JAN1980	12JAN1980
8	1980	BERENICE	SI	.	.	15DEC1979	21DEC1979
9	1980	BETTY	WP	115	925	28OCT1980	08NOV1980
10	1980	BLAS	EP	58	.	16JUN1980	19JUN1980

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
MaxWindMPH	3095	79.3179321	31.6853937	6.0000000	213.0000000
MinPressure	2922	961.8545517	288.6582966	-9999.00	1012.00

The UNIVARIATE Procedure
Variable: MaxWindMPH

Moments			
N	3095	Sum Weights	3095
Mean	79.3179321	Sum Observations	245489
Std Deviation	31.6853937	Variance	1003.96417
Skewness	0.5963944	Kurtosis	-0.3710172
Uncorrected SS	22577945	Corrected SS	3106265.15
Coeff Variation	39.947327	Std Error Mean	0.56954597

Basic Statistical Measures			
Location		Variability	
Mean	79.31793	Std Deviation	31.68539
Median	75.00000	Variance	1004
Mode	52.00000	Range	207.00000
		Interquartile Range	52.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	139.2652	Pr > t 	<.0001
Sign	M	1547.5	Pr >= M 	<.0001
Signed Rank	S	2395530	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	213
99%	155
95%	138
90%	127
75% Q3	104
50% Median	75
25% Q1	52
10%	40
5%	40
1%	33
0% Min	6

The UNIVARIATE Procedure
Variable: MaxWindMPH

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
6	2659	184	702
17	1960	184	1477
23	2757	184	2164
23	1366	190	6
23	1103	213	3017

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	23	0.74	100.00

The UNIVARIATE Procedure
Variable: MinPressure

Moments			
N	2922	Sum Weights	2922
Mean	961.854552	Sum Observations	2810539
Std Deviation	288.658297	Variance	83323.6122
Skewness	-37.521596	Kurtosis	1423.39373
Uncorrected SS	2946718001	Corrected SS	243388271
Coeff Variation	30.0105973	Std Error Mean	5.34003297

Basic Statistical Measures			
Location		Variability	
Mean	961.8546	Std Deviation	288.65830
Median	977.0000	Variance	83324
Mode	980.0000	Range	11011
		Interquartile Range	42.00000

Note: The mode displayed is the smallest of 2 modes with a count of 149.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	180.1215	Pr > t 	<.0001
Sign	M	1459	Pr >= M 	<.0001
Signed Rank	S	2129409	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1012
99%	1007
95%	1003
90%	1000
75% Q3	992
50% Median	977
25% Q1	950
10%	930
5%	916
1%	900
0% Min	-9999

The UNIVARIATE Procedure
Variable: MinPressure

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-9999	3111	1009	2006
-9999	3109	1010	851
100	3117	1010	1103
872	3017	1010	3049
880	414	1012	2931

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	196	6.29	100.00

The FREQ Procedure

Basin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
EP	671	21.52	671	21.52
NA	472	15.14	1143	36.66
NI	84	2.69	1227	39.35
SI	588	18.86	1815	58.21
SP	359	11.51	2174	69.72
WP	928	29.76	3102	99.49
na	16	0.51	3118	100.00

Type	Frequency	Percent	Cumulative Frequency	Cumulative Percent
DS	293	9.40	293	9.40
ET	761	24.41	1054	33.80
NR	702	22.51	1756	56.32
SS	5	0.16	1761	56.48
TS	1357	43.52	3118	100.00

The FREQ Procedure

Season	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1980	81	2.60	81	2.60
1981	88	2.82	169	5.42
1982	81	2.60	250	8.02
1983	77	2.47	327	10.49
1984	92	2.95	419	13.44
1985	93	2.98	512	16.42
1986	82	2.63	594	19.05
1987	71	2.28	665	21.33
1988	74	2.37	739	23.70
1989	93	2.98	832	26.68
1990	90	2.89	922	29.57
1991	72	2.31	994	31.88
1992	96	3.08	1090	34.96
1993	82	2.63	1172	37.59
1994	92	2.95	1264	40.54
1995	76	2.44	1340	42.98
1996	77	2.47	1417	45.45
1997	89	2.85	1506	48.30
1998	77	2.47	1583	50.77
1999	71	2.28	1654	53.05
2000	88	2.82	1742	55.87
2001	80	2.57	1822	58.43
2002	75	2.41	1897	60.84
2003	87	2.79	1984	63.63
2004	79	2.53	2063	66.16
2005	102	3.27	2165	69.44
2006	79	2.53	2244	71.97
2007	83	2.66	2327	74.63
2008	91	2.92	2418	77.55
2009	87	2.79	2505	80.34
2010	79	2.53	2584	82.87
2011	82	2.63	2666	85.50
2012	85	2.73	2751	88.23
2013	97	3.11	2848	91.34
2014	86	2.76	2934	94.10

The FREQ Procedure

Season	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2015	94	3.01	3028	97.11
2016	90	2.89	3118	100.00