

FORMAT NAME: HOWHIGH				LENGTH: 9	NUMBER OF VALUES: 5
MIN LENGTH: 1	MAX LENGTH: 40	DEFAULT LENGTH: 9	FUZZ: STD		
START	END	LABEL (VER. V7 V8		02MAY2023:08:52:00)	
85<	175	Low			
175<	500	Moderate			
500<	1000	High			
1000<HIGH		Very High			
OTHER	**OTHER**	Very Low			

Data Set Name	WORK.MODWIDE	Observations	352
Member Type	DATA	Variables	36
Engine	V9	Indexes	0
Created	05/02/2023 08:52:00	Observation Length	336
Last Modified	05/02/2023 08:52:00	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	389
Obs in First Data Page	352
Number of Data Set Repairs	0
Filename	/saswork/SAS_workAD8D00002259_odaws01-usw2-2.oda.sas.com/SAS_work0C7F00002259_odaws01-usw2-2.oda.sas.com/modwide.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	603979874
Access Permission	rw-r--r--
Owner Name	u63307645
File Size	256KB
File Size (bytes)	262144

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	STATION	Char	11	\$11.	\$11.	Station
2	NAME	Char	51			Name
3	_NAME_	Char	8			NAME OF FORMER VARIABLE
4	_1	Num	8	BEST12.		
5	_2	Num	8	BEST12.		
6	_3	Num	8	BEST12.		
7	_4	Num	8	BEST12.		
8	_5	Num	8	BEST12.		
9	_6	Num	8	BEST12.		
10	_7	Num	8	BEST12.		
11	_8	Num	8	BEST12.		
12	_9	Num	8	BEST12.		
13	_10	Num	8	BEST12.		
14	_11	Num	8	BEST12.		
15	_12	Num	8	BEST12.		
16	_13	Num	8	BEST12.		
17	_14	Num	8	BEST12.		
18	_15	Num	8	BEST12.		
19	_16	Num	8	BEST12.		
20	_17	Num	8	BEST12.		
21	_18	Num	8	BEST12.		
22	_19	Num	8	BEST12.		
23	_20	Num	8	BEST12.		
24	_21	Num	8	BEST12.		
25	_22	Num	8	BEST12.		
26	_23	Num	8	BEST12.		
27	_24	Num	8	BEST12.		
28	_25	Num	8	BEST12.		
29	_26	Num	8	BEST12.		
30	_27	Num	8	BEST12.		
31	_28	Num	8	BEST12.		
32	_29	Num	8	BEST12.		
33	_30	Num	8	BEST12.		
34	_31	Num	8	BEST12.		
35	ELEVATION	Num	8			
36	Ratio	Num	8	4.2		Last/First day of the Month

Number of Variable Levels	
Variable	Levels
ELEVATION	311

Frequency of each Elevation

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ELEVATION	Frequency
1.5	3
4.6	3
1140	3
115.8	3
152.4	3
7	2
61	2
96	2
317	2
7.6	2
1094	2
11.9	2
1164	2
12.5	2
13.4	2
15.2	2
21.3	2
22.9	2
30.5	2
33.5	2
65.2	2
74.7	2
89.9	2
91.4	2
97.5	2
116.7	2
129.5	2
136.2	2
136.6	2
143.3	2
150.6	2
150.9	2
521.5	2
579.1	2
612.6	2
661.1	2
3	1
36	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 6

ELEVATION	Frequency
52	1
86	1
92	1
93	1
1.8	1
135	1
143	1
144	1
174	1
175	1
192	1
2.4	1
2.7	1
281	1
3.1	1
3.7	1
3.8	1
378	1
4.9	1
5.1	1
5.5	1
5.7	1
5.8	1
509	1
6.1	1
6.4	1
637	1
7.5	1
7.7	1
7.9	1
701	1
8.2	1
854	1
887	1
9.4	1
9.5	1
926	1
986	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 7

ELEVATION	Frequency
1005	1
1016	1
1023	1
1027	1
1036	1
1051	1
1054	1
1060	1
1064	1
1065	1
1071	1
1074	1
1091	1
1099	1
11.6	1
1100	1
1114	1
1116	1
1120	1
1143	1
1147	1
1167	1
1179	1
1202	1
1214	1
1215	1
1222	1
1239	1
1268	1
13.2	1
1402	1
1482	1
15.8	1
1500	1
1615	1
1640	1
1645	1
1655	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 8

ELEVATION	Frequency
17.4	1
19.5	1
2069	1
23.5	1
27.4	1
27.5	1
29.3	1
30.1	1
31.7	1
33.7	1
36.6	1
42.1	1
42.4	1
44.2	1
46.8	1
47.2	1
52.4	1
53.6	1
57.6	1
64.3	1
65.5	1
66.4	1
66.8	1
67.1	1
68.6	1
69.4	1
70.1	1
76.8	1
77.7	1
80.2	1
83.8	1
85.3	1
86.6	1
86.9	1
87.1	1
90.2	1
95.4	1
98.1	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 9

ELEVATION	Frequency
100.6	1
101.2	1
103.6	1
105.4	1
105.8	1
107.3	1
108.2	1
109.1	1
111.3	1
111.9	1
118.9	1
121.9	1
126.2	1
131.1	1
132.6	1
136.9	1
138.4	1
140.5	1
141.1	1
141.7	1
146.3	1
146.5	1
147.6	1
151.9	1
153.6	1
154.8	1
158.5	1
159.5	1
165.2	1
165.7	1
166.1	1
167.6	1
170.7	1
171.3	1
173.1	1
173.3	1
178.3	1
179.7	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 10

ELEVATION	Frequency
180.4	1
185.3	1
186.8	1
187.5	1
191.1	1
194.6	1
196.3	1
197.5	1
197.6	1
200.4	1
202.7	1
204.2	1
206.7	1
211.8	1
213.6	1
215.6	1
231.6	1
232.3	1
237.4	1
238.7	1
240.8	1
243.6	1
243.8	1
265.2	1
268.2	1
281.6	1
281.9	1
287.1	1
291.1	1
304.8	1
305.7	1
308.6	1
309.4	1
310.9	1
315.5	1
329.2	1
329.5	1
330.4	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 11

ELEVATION	Frequency
352.7	1
355.7	1
356.6	1
383.7	1
386.1	1
388.6	1
391.7	1
405.4	1
406.9	1
414.8	1
425.5	1
440.4	1
441.4	1
442.6	1
445.9	1
457.2	1
459.3	1
466.6	1
472.7	1
478.8	1
484.6	1
491.3	1
494.1	1
504.1	1
513.6	1
514.2	1
518.2	1
521.8	1
523.3	1
532.5	1
536.4	1
544.8	1
547.7	1
549.2	1
558.4	1
566.3	1
576.1	1
582.4	1

Frequency of each Elevation

Tuesday, May 2, 2023 08:51:59 AM 12

ELEVATION	Frequency
585.2	1
593.9	1
594.1	1
608.7	1
613.3	1
624.2	1
625.4	1
643.1	1
644.7	1
672.1	1
694.9	1
700.1	1
706.8	1
710.2	1
716.6	1
725.4	1
728.5	1
732.4	1
735.2	1
743.7	1
750.1	1
755.9	1
771.1	1
778.5	1
780.9	1
795.8	1
802.5	1
830.3	1
844.3	1
858.3	1
872.4	1
873.3	1
894.9	1
909.3	1
917.4	1
917.6	1
926.8	1
930.2	1

ELEVATION	Frequency
948.5	1
960.1	1
966.2	1
972.6	1
981.5	1
993.2	1
998.2	1

ELEVATION	Frequency	Percent
Very Low	87	24.72
Low	79	22.44
Moderate	68	19.32
High	75	21.31
Very High	43	12.22

Mean Ratio of Last to First Day's heat by elevation class

Analysis Variable : Ratio Last/First day of the Month						
ELEVATION	N Obs	N	Mean	Std Dev	Minimum	Maximum
Very Low	87	80	1.0545626	0.0713914	0.9300000	1.2658228
Low	79	75	1.0645879	0.0659065	0.9622642	1.3421053
Moderate	68	66	1.0323198	0.0357726	0.9537037	1.0947368
High	75	71	0.9988529	0.0428039	0.8529412	1.1030928
Very High	43	38	0.9767544	0.0446168	0.8613861	1.0666667

Mean of Temperature per day From a wide data set

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ELEVATION	Variable	Minimum	Median	Mean	Maximum
Very Low	_1	79.0000000	93.0000000	92.5542169	108.0000000
	_2	75.0000000	95.0000000	94.7647059	105.0000000
	_3	87.0000000	96.0000000	96.2380952	105.0000000
	_4	89.0000000	97.0000000	96.6024096	105.0000000
	_5	89.0000000	97.5000000	97.1547619	108.0000000
	_6	90.0000000	97.0000000	97.2558140	107.0000000
	_7	89.0000000	97.0000000	97.2941176	109.0000000
	_8	90.0000000	99.0000000	98.6470588	108.0000000
	_9	90.0000000	100.0000000	99.6162791	109.0000000
	_10	90.0000000	101.0000000	101.0588235	111.0000000
	_11	90.0000000	102.0000000	101.1807229	111.0000000
	_12	90.0000000	101.0000000	100.3023256	110.0000000
	_13	90.0000000	101.0000000	100.0000000	109.0000000
	_14	88.0000000	98.0000000	97.8433735	107.0000000
	_15	83.0000000	95.0000000	94.4767442	105.0000000
	_16	81.0000000	95.0000000	94.1190476	106.0000000
	_17	88.0000000	98.0000000	97.2941176	108.0000000
	_18	88.0000000	99.0000000	97.9647059	107.0000000
	_19	88.0000000	99.0000000	98.2988506	109.0000000
	_20	88.0000000	99.0000000	98.4482759	110.0000000
	_21	89.0000000	98.0000000	98.0823529	107.0000000
	_22	86.0000000	96.5000000	96.8414634	104.0000000
	_23	83.0000000	97.0000000	96.3176471	104.0000000
	_24	88.0000000	97.0000000	96.8941176	106.0000000
	_25	88.0000000	98.0000000	97.7411765	105.0000000
	_26	88.0000000	97.0000000	97.6470588	107.0000000
	_27	88.0000000	97.0000000	96.5476190	104.0000000
	_28	86.0000000	96.0000000	96.1071429	104.0000000
	_29	88.0000000	97.0000000	97.1647059	104.0000000
	_30	89.0000000	97.0000000	96.9294118	106.0000000
	_31	89.0000000	97.5000000	97.1097561	106.0000000
Low	_1	76.0000000	95.0000000	94.8589744	107.0000000
	_2	84.0000000	95.0000000	94.9324324	107.0000000
	_3	85.0000000	98.0000000	96.3698630	106.0000000
	_4	92.0000000	99.0000000	98.8648649	106.0000000
	_5	95.0000000	99.0000000	99.3972603	107.0000000
	_6	91.0000000	100.0000000	100.0394737	107.0000000
	_7	95.0000000	101.0000000	100.6447368	107.0000000
	_8	97.0000000	101.0000000	101.7600000	108.0000000
	_9	98.0000000	104.0000000	103.6533333	111.0000000
	_10	95.0000000	104.0000000	104.4666667	111.0000000
	_11	91.0000000	103.0000000	103.0131579	111.0000000
	_12	93.0000000	104.0000000	103.2337662	109.0000000
	_13	98.0000000	104.0000000	103.9866667	112.0000000
	_14	91.0000000	103.0000000	100.5866667	109.0000000
	_15	88.0000000	97.0000000	96.9066667	106.0000000
	_16	86.0000000	98.0000000	97.7837838	107.0000000
	_17	95.0000000	100.0000000	100.6571429	110.0000000
	_18	96.0000000	102.0000000	102.2837838	112.0000000
	_19	98.0000000	103.0000000	103.1052632	110.0000000
	_20	98.0000000	104.0000000	103.9054054	112.0000000
	_21	86.0000000	102.0000000	101.9220779	112.0000000
	_22	82.0000000	98.0000000	97.5588235	108.0000000
	_23	80.0000000	99.0000000	97.0281690	106.0000000
	_24	94.0000000	100.0000000	100.0136986	107.0000000
	_25	86.0000000	101.0000000	100.8266667	106.0000000
	_26	96.0000000	101.0000000	101.0921053	107.0000000
	_27	90.0000000	101.0000000	100.7236842	105.0000000
	_28	91.0000000	101.0000000	100.6363636	106.0000000
	_29	96.0000000	101.0000000	100.8947368	108.0000000
	_30	90.0000000	101.0000000	100.6578947	107.0000000
	_31	94.0000000	101.0000000	100.4342105	105.0000000

Mean of Temperature per day From a wide data set

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ELEVATION	Variable	Minimum	Median	Mean	Maximum
Moderate	_1	92.0000000	98.0000000	98.4179104	108.0000000
	_2	87.0000000	99.0000000	99.1250000	105.0000000
	_3	87.0000000	100.0000000	99.0937500	105.0000000
	_4	89.0000000	99.0000000	98.8307692	103.0000000
	_5	94.0000000	100.5000000	100.1718750	104.0000000
	_6	94.0000000	102.0000000	101.6833333	107.0000000
	_7	95.0000000	103.0000000	102.3283582	108.0000000
	_8	96.0000000	103.0000000	103.4531250	110.0000000
	_9	99.0000000	105.0000000	104.7580645	110.0000000
	_10	98.0000000	104.0000000	104.3064516	111.0000000
	_11	98.0000000	104.0000000	104.0645161	110.0000000
	_12	97.0000000	104.0000000	104.1290323	111.0000000
	_13	100.0000000	105.0000000	104.3606557	108.0000000
	_14	94.0000000	103.0000000	102.6612903	109.0000000
	_15	89.0000000	100.0000000	100.4923077	108.0000000
	_16	93.0000000	99.0000000	99.1904762	104.0000000
	_17	94.0000000	102.0000000	101.8360656	110.0000000
	_18	95.0000000	105.0000000	105.0312500	112.0000000
	_19	97.0000000	106.5000000	106.6935484	115.0000000
	_20	97.0000000	107.0000000	107.1612903	114.0000000
	_21	88.0000000	103.0000000	103.3846154	113.0000000
	_22	89.0000000	101.0000000	99.6615385	109.0000000
	_23	83.0000000	100.0000000	99.4696970	109.0000000
	_24	96.0000000	101.0000000	101.1343284	109.0000000
	_25	98.0000000	102.0000000	102.1846154	109.0000000
	_26	98.0000000	103.0000000	102.5781250	107.0000000
	_27	97.0000000	103.0000000	102.3692308	108.0000000
	_28	96.0000000	103.0000000	102.1111111	106.0000000
	_29	97.0000000	102.0000000	101.5555556	105.0000000
	_30	93.0000000	101.0000000	100.8769231	105.0000000
	_31	95.0000000	102.0000000	101.4545455	107.0000000

Mean of Temperature per day From a wide data set

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ELEVATION	Variable	Minimum	Median	Mean	Maximum
High	_1	93.0000000	100.0000000	99.4324324	104.0000000
	_2	94.0000000	100.0000000	100.5866667	110.0000000
	_3	91.0000000	99.0000000	98.9166667	105.0000000
	_4	88.0000000	98.0000000	97.8630137	106.0000000
	_5	94.0000000	100.0000000	99.3943662	107.0000000
	_6	95.0000000	101.0000000	101.0000000	110.0000000
	_7	90.0000000	102.0000000	101.4324324	109.0000000
	_8	92.0000000	102.5000000	102.2027027	110.0000000
	_9	93.0000000	103.0000000	102.6216216	110.0000000
	_10	96.0000000	102.0000000	101.9041096	110.0000000
	_11	96.0000000	104.5000000	104.2432432	110.0000000
	_12	91.0000000	104.0000000	103.3287671	110.0000000
	_13	92.0000000	101.0000000	100.7534247	112.0000000
	_14	96.0000000	102.0000000	101.5342466	108.0000000
	_15	94.0000000	101.0000000	101.6666667	110.0000000
	_16	93.0000000	100.0000000	99.8356164	106.0000000
	_17	94.0000000	101.0000000	100.9027778	111.0000000
	_18	96.0000000	103.0000000	103.2739726	111.0000000
	_19	99.0000000	106.0000000	105.7123288	115.0000000
	_20	95.0000000	106.0000000	106.0958904	114.0000000
	_21	93.0000000	102.0000000	102.0821918	114.0000000
	_22	86.0000000	98.0000000	97.7042254	109.0000000
	_23	92.0000000	99.0000000	99.2739726	110.0000000
	_24	94.0000000	100.0000000	100.3424658	109.0000000
	_25	95.0000000	101.0000000	100.7571429	106.0000000
	_26	96.0000000	102.0000000	101.4931507	108.0000000
	_27	91.0000000	102.0000000	101.5333333	108.0000000
	_28	92.0000000	101.0000000	101.0000000	110.0000000
	_29	78.0000000	99.0000000	98.9200000	107.0000000
	_30	74.0000000	99.0000000	97.7066667	105.0000000
	_31	86.0000000	100.0000000	99.3472222	107.0000000
Very High	_1	84.0000000	97.0000000	95.9268293	101.0000000
	_2	87.0000000	97.0000000	96.1219512	101.0000000
	_3	84.0000000	97.0000000	95.4358974	103.0000000
	_4	82.0000000	95.0000000	93.9000000	99.0000000
	_5	81.0000000	96.0000000	95.2439024	100.0000000
	_6	87.0000000	96.0000000	95.8333333	102.0000000
	_7	88.0000000	97.0000000	96.1707317	103.0000000
	_8	86.0000000	97.0000000	96.3902439	103.0000000
	_9	90.0000000	97.0000000	96.6750000	102.0000000
	_10	90.0000000	97.0000000	96.6410256	102.0000000
	_11	88.0000000	99.0000000	98.3750000	104.0000000
	_12	87.0000000	100.0000000	98.7804878	105.0000000
	_13	86.0000000	95.0000000	94.6585366	100.0000000
	_14	86.0000000	97.0000000	95.7073171	101.0000000
	_15	86.0000000	99.0000000	98.0000000	103.0000000
	_16	85.0000000	99.0000000	97.3658537	105.0000000
	_17	86.0000000	98.0000000	97.5121951	104.0000000
	_18	90.0000000	100.0000000	99.3750000	104.0000000
	_19	91.0000000	102.0000000	101.7317073	108.0000000
	_20	93.0000000	105.0000000	103.1904762	108.0000000
	_21	92.0000000	101.0000000	100.1000000	107.0000000
	_22	91.0000000	97.0000000	97.0263158	105.0000000
	_23	90.0000000	97.0000000	97.0000000	102.0000000
	_24	88.0000000	97.0000000	96.5121951	102.0000000
	_25	88.0000000	96.0000000	95.8292683	100.0000000
	_26	85.0000000	97.0000000	95.8536585	101.0000000
	_27	87.0000000	98.0000000	96.6341463	101.0000000
	_28	88.0000000	98.0000000	96.5853659	102.0000000
	_29	81.0000000	96.0000000	94.5121951	101.0000000
	_30	83.0000000	93.0000000	92.0769231	99.0000000
	_31	85.0000000	95.0000000	94.0769231	101.0000000

**Mean of Temperature per day
From a narrow data set
Means Procedure**

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Analysis Variable : TFMAX22					
Day	ELEVATION	Minimum	Median	Mean	Maximum
1	Very Low	79.0000000	93.0000000	92.5542169	108.0000000
	Low	76.0000000	95.0000000	94.8589744	107.0000000
	Moderate	92.0000000	98.0000000	98.4179104	108.0000000
	High	93.0000000	100.0000000	99.4324324	104.0000000
	Very High	84.0000000	97.0000000	95.9268293	101.0000000
2	Very Low	75.0000000	95.0000000	94.7647059	105.0000000
	Low	84.0000000	95.0000000	94.9324324	107.0000000
	Moderate	87.0000000	99.0000000	99.1250000	105.0000000
	High	94.0000000	100.0000000	100.5866667	110.0000000
	Very High	87.0000000	97.0000000	96.1219512	101.0000000
3	Very Low	87.0000000	96.0000000	96.2380952	105.0000000
	Low	85.0000000	98.0000000	96.3698630	106.0000000
	Moderate	87.0000000	100.0000000	99.0937500	105.0000000
	High	91.0000000	99.0000000	98.9166667	105.0000000
	Very High	84.0000000	97.0000000	95.4358974	103.0000000
4	Very Low	89.0000000	97.0000000	96.6024096	105.0000000
	Low	92.0000000	99.0000000	98.8648649	106.0000000
	Moderate	89.0000000	99.0000000	98.8307692	103.0000000
	High	88.0000000	98.0000000	97.8630137	106.0000000
	Very High	82.0000000	95.0000000	93.9000000	99.0000000
5	Very Low	89.0000000	97.5000000	97.1547619	108.0000000
	Low	95.0000000	99.0000000	99.3972603	107.0000000
	Moderate	94.0000000	100.5000000	100.1718750	104.0000000
	High	94.0000000	100.0000000	99.3943662	107.0000000
	Very High	81.0000000	96.0000000	95.2439024	100.0000000
6	Very Low	90.0000000	97.0000000	97.2558140	107.0000000
	Low	91.0000000	100.0000000	100.0394737	107.0000000
	Moderate	94.0000000	102.0000000	101.6833333	107.0000000
	High	95.0000000	101.0000000	101.0000000	110.0000000
	Very High	87.0000000	96.0000000	95.8333333	102.0000000
7	Very Low	89.0000000	97.0000000	97.2941176	109.0000000
	Low	95.0000000	101.0000000	100.6447368	107.0000000
	Moderate	95.0000000	103.0000000	102.3283582	108.0000000
	High	90.0000000	102.0000000	101.4324324	109.0000000
	Very High	88.0000000	97.0000000	96.1707317	103.0000000

**Mean of Temperature per day
From a narrow data set
Means Procedure**

Tuesday, May 2, 2023 08:51:59 AM 20

Analysis Variable : TFMAX22					
Day	ELEVATION	Minimum	Median	Mean	Maximum
8	Very Low	90.0000000	99.0000000	98.6470588	108.0000000
	Low	97.0000000	101.0000000	101.7600000	108.0000000
	Moderate	96.0000000	103.0000000	103.4531250	110.0000000
	High	92.0000000	102.5000000	102.2027027	110.0000000
	Very High	86.0000000	97.0000000	96.3902439	103.0000000
9	Very Low	90.0000000	100.0000000	99.6162791	109.0000000
	Low	98.0000000	104.0000000	103.6533333	111.0000000
	Moderate	99.0000000	105.0000000	104.7580645	110.0000000
	High	93.0000000	103.0000000	102.6216216	110.0000000
	Very High	90.0000000	97.0000000	96.6750000	102.0000000
10	Very Low	90.0000000	101.0000000	101.0588235	111.0000000
	Low	95.0000000	104.0000000	104.4666667	111.0000000
	Moderate	98.0000000	104.0000000	104.3064516	111.0000000
	High	96.0000000	102.0000000	101.9041096	110.0000000
	Very High	90.0000000	97.0000000	96.6410256	102.0000000
11	Very Low	90.0000000	102.0000000	101.1807229	111.0000000
	Low	91.0000000	103.0000000	103.0131579	111.0000000
	Moderate	98.0000000	104.0000000	104.0645161	110.0000000
	High	96.0000000	104.5000000	104.2432432	110.0000000
	Very High	88.0000000	99.0000000	98.3750000	104.0000000
12	Very Low	90.0000000	101.0000000	100.3023256	110.0000000
	Low	93.0000000	104.0000000	103.2337662	109.0000000
	Moderate	97.0000000	104.0000000	104.1290323	111.0000000
	High	91.0000000	104.0000000	103.3287671	110.0000000
	Very High	87.0000000	100.0000000	98.7804878	105.0000000
13	Very Low	90.0000000	101.0000000	100.0000000	109.0000000
	Low	98.0000000	104.0000000	103.9866667	112.0000000
	Moderate	100.0000000	105.0000000	104.3606557	108.0000000
	High	92.0000000	101.0000000	100.7534247	112.0000000
	Very High	86.0000000	95.0000000	94.6585366	100.0000000
14	Very Low	88.0000000	98.0000000	97.8433735	107.0000000
	Low	91.0000000	103.0000000	100.5866667	109.0000000
	Moderate	94.0000000	103.0000000	102.6612903	109.0000000
	High	96.0000000	102.0000000	101.5342466	108.0000000
	Very High	86.0000000	97.0000000	95.7073171	101.0000000

**Mean of Temperature per day
From a narrow data set
Means Procedure**

Tuesday, May 2, 2023 08:51:59 AM 21

Analysis Variable : TFMAX22					
Day	ELEVATION	Minimum	Median	Mean	Maximum
15	Very Low	83.0000000	95.0000000	94.4767442	105.0000000
	Low	88.0000000	97.0000000	96.9066667	106.0000000
	Moderate	89.0000000	100.0000000	100.4923077	108.0000000
	High	94.0000000	101.0000000	101.6666667	110.0000000
	Very High	86.0000000	99.0000000	98.0000000	103.0000000
16	Very Low	81.0000000	95.0000000	94.1190476	106.0000000
	Low	86.0000000	98.0000000	97.7837838	107.0000000
	Moderate	93.0000000	99.0000000	99.1904762	104.0000000
	High	93.0000000	100.0000000	99.8356164	106.0000000
	Very High	85.0000000	99.0000000	97.3658537	105.0000000
17	Very Low	88.0000000	98.0000000	97.2941176	108.0000000
	Low	95.0000000	100.0000000	100.6571429	110.0000000
	Moderate	94.0000000	102.0000000	101.8360656	110.0000000
	High	94.0000000	101.0000000	100.9027778	111.0000000
	Very High	86.0000000	98.0000000	97.5121951	104.0000000
18	Very Low	88.0000000	99.0000000	97.9647059	107.0000000
	Low	96.0000000	102.0000000	102.2837838	112.0000000
	Moderate	95.0000000	105.0000000	105.0312500	112.0000000
	High	96.0000000	103.0000000	103.2739726	111.0000000
	Very High	90.0000000	100.0000000	99.3750000	104.0000000
19	Very Low	88.0000000	99.0000000	98.2988506	109.0000000
	Low	98.0000000	103.0000000	103.1052632	110.0000000
	Moderate	97.0000000	106.5000000	106.6935484	115.0000000
	High	99.0000000	106.0000000	105.7123288	115.0000000
	Very High	91.0000000	102.0000000	101.7317073	108.0000000
20	Very Low	88.0000000	99.0000000	98.4482759	110.0000000
	Low	98.0000000	104.0000000	103.9054054	112.0000000
	Moderate	97.0000000	107.0000000	107.1612903	114.0000000
	High	95.0000000	106.0000000	106.0958904	114.0000000
	Very High	93.0000000	105.0000000	103.1904762	108.0000000
21	Very Low	89.0000000	98.0000000	98.0823529	107.0000000
	Low	86.0000000	102.0000000	101.9220779	112.0000000
	Moderate	88.0000000	103.0000000	103.3846154	113.0000000
	High	93.0000000	102.0000000	102.0821918	114.0000000
	Very High	92.0000000	101.0000000	100.1000000	107.0000000

**Mean of Temperature per day
From a narrow data set
Means Procedure**

Tuesday, May 2, 2023 08:51:59 AM 22

Analysis Variable : TFMAX22					
Day	ELEVATION	Minimum	Median	Mean	Maximum
22	Very Low	86.0000000	96.5000000	96.8414634	104.0000000
	Low	82.0000000	98.0000000	97.5588235	108.0000000
	Moderate	89.0000000	101.0000000	99.6615385	109.0000000
	High	86.0000000	98.0000000	97.7042254	109.0000000
	Very High	91.0000000	97.0000000	97.0263158	105.0000000
23	Very Low	83.0000000	97.0000000	96.3176471	104.0000000
	Low	80.0000000	99.0000000	97.0281690	106.0000000
	Moderate	83.0000000	100.0000000	99.4696970	109.0000000
	High	92.0000000	99.0000000	99.2739726	110.0000000
	Very High	90.0000000	97.0000000	97.0000000	102.0000000
24	Very Low	88.0000000	97.0000000	96.8941176	106.0000000
	Low	94.0000000	100.0000000	100.0136986	107.0000000
	Moderate	96.0000000	101.0000000	101.1343284	109.0000000
	High	94.0000000	100.0000000	100.3424658	109.0000000
	Very High	88.0000000	97.0000000	96.5121951	102.0000000
25	Very Low	88.0000000	98.0000000	97.7411765	105.0000000
	Low	86.0000000	101.0000000	100.8266667	106.0000000
	Moderate	98.0000000	102.0000000	102.1846154	109.0000000
	High	95.0000000	101.0000000	100.7571429	106.0000000
	Very High	88.0000000	96.0000000	95.8292683	100.0000000
26	Very Low	88.0000000	97.0000000	97.6470588	107.0000000
	Low	96.0000000	101.0000000	101.0921053	107.0000000
	Moderate	98.0000000	103.0000000	102.5781250	107.0000000
	High	96.0000000	102.0000000	101.4931507	108.0000000
	Very High	85.0000000	97.0000000	95.8536585	101.0000000
27	Very Low	88.0000000	97.0000000	96.5476190	104.0000000
	Low	90.0000000	101.0000000	100.7236842	105.0000000
	Moderate	97.0000000	103.0000000	102.3692308	108.0000000
	High	91.0000000	102.0000000	101.5333333	108.0000000
	Very High	87.0000000	98.0000000	96.6341463	101.0000000
28	Very Low	86.0000000	96.0000000	96.1071429	104.0000000
	Low	91.0000000	101.0000000	100.6363636	106.0000000
	Moderate	96.0000000	103.0000000	102.1111111	106.0000000
	High	92.0000000	101.0000000	101.0000000	110.0000000
	Very High	88.0000000	98.0000000	96.5853659	102.0000000

**Mean of Temperature per day
From a narrow data set
Means Procedure**

Tuesday, May 2, 2023 08:51:59 AM 23

Analysis Variable : TFMAX22					
Day	ELEVATION	Minimum	Median	Mean	Maximum
29	Very Low	88.0000000	97.0000000	97.1647059	104.0000000
	Low	96.0000000	101.0000000	100.8947368	108.0000000
	Moderate	97.0000000	102.0000000	101.5555556	105.0000000
	High	78.0000000	99.0000000	98.9200000	107.0000000
	Very High	81.0000000	96.0000000	94.5121951	101.0000000
30	Very Low	89.0000000	97.0000000	96.9294118	106.0000000
	Low	90.0000000	101.0000000	100.6578947	107.0000000
	Moderate	93.0000000	101.0000000	100.8769231	105.0000000
	High	74.0000000	99.0000000	97.7066667	105.0000000
	Very High	83.0000000	93.0000000	92.0769231	99.0000000
31	Very Low	89.0000000	97.5000000	97.1097561	106.0000000
	Low	94.0000000	101.0000000	100.4342105	105.0000000
	Moderate	95.0000000	102.0000000	101.4545455	107.0000000
	High	86.0000000	100.0000000	99.3472222	107.0000000
	Very High	85.0000000	95.0000000	94.0769231	101.0000000

Five number summary of the HotHeight data
From a narrow data set
Tabulate Procedure

		TFMAX22			
		Min	Median	Mean	Max
ELEVATION	Day				
Very Low	1	79.00	93.00	92.55	108.00
	2	75.00	95.00	94.76	105.00
	3	87.00	96.00	96.24	105.00
	4	89.00	97.00	96.60	105.00
	5	89.00	97.50	97.15	108.00
	6	90.00	97.00	97.26	107.00
	7	89.00	97.00	97.29	109.00
	8	90.00	99.00	98.65	108.00
	9	90.00	100.00	99.62	109.00
	10	90.00	101.00	101.06	111.00
	11	90.00	102.00	101.18	111.00
	12	90.00	101.00	100.30	110.00
	13	90.00	101.00	100.00	109.00
	14	88.00	98.00	97.84	107.00
	15	83.00	95.00	94.48	105.00
	16	81.00	95.00	94.12	106.00
	17	88.00	98.00	97.29	108.00
	18	88.00	99.00	97.96	107.00
	19	88.00	99.00	98.30	109.00
	20	88.00	99.00	98.45	110.00
	21	89.00	98.00	98.08	107.00
	22	86.00	96.50	96.84	104.00
	23	83.00	97.00	96.32	104.00
	24	88.00	97.00	96.89	106.00
	25	88.00	98.00	97.74	105.00
	26	88.00	97.00	97.65	107.00
	27	88.00	97.00	96.55	104.00
	28	86.00	96.00	96.11	104.00
	29	88.00	97.00	97.16	104.00
	30	89.00	97.00	96.93	106.00
	31	89.00	97.50	97.11	106.00

(Continued)

Five number summary of the HotHeight data
From a narrow data set
Tabulate Procedure

		TFMAX22			
		Min	Median	Mean	Max
ELEVATION	Day				
Low	1	76.00	95.00	94.86	107.00
	2	84.00	95.00	94.93	107.00
	3	85.00	98.00	96.37	106.00
	4	92.00	99.00	98.86	106.00
	5	95.00	99.00	99.40	107.00
	6	91.00	100.00	100.04	107.00
	7	95.00	101.00	100.64	107.00
	8	97.00	101.00	101.76	108.00
	9	98.00	104.00	103.65	111.00
	10	95.00	104.00	104.47	111.00
	11	91.00	103.00	103.01	111.00
	12	93.00	104.00	103.23	109.00
	13	98.00	104.00	103.99	112.00
	14	91.00	103.00	100.59	109.00
	15	88.00	97.00	96.91	106.00
	16	86.00	98.00	97.78	107.00
	17	95.00	100.00	100.66	110.00
	18	96.00	102.00	102.28	112.00
	19	98.00	103.00	103.11	110.00
	20	98.00	104.00	103.91	112.00
	21	86.00	102.00	101.92	112.00
	22	82.00	98.00	97.56	108.00
	23	80.00	99.00	97.03	106.00
	24	94.00	100.00	100.01	107.00
	25	86.00	101.00	100.83	106.00
	26	96.00	101.00	101.09	107.00
	27	90.00	101.00	100.72	105.00
	28	91.00	101.00	100.64	106.00
	29	96.00	101.00	100.89	108.00
	30	90.00	101.00	100.66	107.00
	31	94.00	101.00	100.43	105.00

(Continued)

Five number summary of the HotHeight data
From a narrow data set
Tabulate Procedure

		TFMAX22			
		Min	Median	Mean	Max
ELEVATION	Day				
Moderate	1	92.00	98.00	98.42	108.00
	2	87.00	99.00	99.13	105.00
	3	87.00	100.00	99.09	105.00
	4	89.00	99.00	98.83	103.00
	5	94.00	100.50	100.17	104.00
	6	94.00	102.00	101.68	107.00
	7	95.00	103.00	102.33	108.00
	8	96.00	103.00	103.45	110.00
	9	99.00	105.00	104.76	110.00
	10	98.00	104.00	104.31	111.00
	11	98.00	104.00	104.06	110.00
	12	97.00	104.00	104.13	111.00
	13	100.00	105.00	104.36	108.00
	14	94.00	103.00	102.66	109.00
	15	89.00	100.00	100.49	108.00
	16	93.00	99.00	99.19	104.00
	17	94.00	102.00	101.84	110.00
	18	95.00	105.00	105.03	112.00
	19	97.00	106.50	106.69	115.00
	20	97.00	107.00	107.16	114.00
	21	88.00	103.00	103.38	113.00
	22	89.00	101.00	99.66	109.00
	23	83.00	100.00	99.47	109.00
	24	96.00	101.00	101.13	109.00
	25	98.00	102.00	102.18	109.00
	26	98.00	103.00	102.58	107.00
	27	97.00	103.00	102.37	108.00
	28	96.00	103.00	102.11	106.00
	29	97.00	102.00	101.56	105.00
	30	93.00	101.00	100.88	105.00
	31	95.00	102.00	101.45	107.00

(Continued)

Five number summary of the HotHeight data
From a narrow data set
Tabulate Procedure

		TFMAX22			
		Min	Median	Mean	Max
ELEVATION	Day				
High	1	93.00	100.00	99.43	104.00
	2	94.00	100.00	100.59	110.00
	3	91.00	99.00	98.92	105.00
	4	88.00	98.00	97.86	106.00
	5	94.00	100.00	99.39	107.00
	6	95.00	101.00	101.00	110.00
	7	90.00	102.00	101.43	109.00
	8	92.00	102.50	102.20	110.00
	9	93.00	103.00	102.62	110.00
	10	96.00	102.00	101.90	110.00
	11	96.00	104.50	104.24	110.00
	12	91.00	104.00	103.33	110.00
	13	92.00	101.00	100.75	112.00
	14	96.00	102.00	101.53	108.00
	15	94.00	101.00	101.67	110.00
	16	93.00	100.00	99.84	106.00
	17	94.00	101.00	100.90	111.00
	18	96.00	103.00	103.27	111.00
	19	99.00	106.00	105.71	115.00
	20	95.00	106.00	106.10	114.00
	21	93.00	102.00	102.08	114.00
	22	86.00	98.00	97.70	109.00
	23	92.00	99.00	99.27	110.00
	24	94.00	100.00	100.34	109.00
	25	95.00	101.00	100.76	106.00
	26	96.00	102.00	101.49	108.00
	27	91.00	102.00	101.53	108.00
	28	92.00	101.00	101.00	110.00
	29	78.00	99.00	98.92	107.00
	30	74.00	99.00	97.71	105.00
	31	86.00	100.00	99.35	107.00

(Continued)

Five number summary of the HotHeight data
From a narrow data set
Tabulate Procedure

		TFMAX22			
		Min	Median	Mean	Max
ELEVATION	Day				
Very High	1	84.00	97.00	95.93	101.00
	2	87.00	97.00	96.12	101.00
	3	84.00	97.00	95.44	103.00
	4	82.00	95.00	93.90	99.00
	5	81.00	96.00	95.24	100.00
	6	87.00	96.00	95.83	102.00
	7	88.00	97.00	96.17	103.00
	8	86.00	97.00	96.39	103.00
	9	90.00	97.00	96.68	102.00
	10	90.00	97.00	96.64	102.00
	11	88.00	99.00	98.38	104.00
	12	87.00	100.00	98.78	105.00
	13	86.00	95.00	94.66	100.00
	14	86.00	97.00	95.71	101.00
	15	86.00	99.00	98.00	103.00
	16	85.00	99.00	97.37	105.00
	17	86.00	98.00	97.51	104.00
	18	90.00	100.00	99.38	104.00
	19	91.00	102.00	101.73	108.00
	20	93.00	105.00	103.19	108.00
	21	92.00	101.00	100.10	107.00
	22	91.00	97.00	97.03	105.00
	23	90.00	97.00	97.00	102.00
	24	88.00	97.00	96.51	102.00
	25	88.00	96.00	95.83	100.00
	26	85.00	97.00	95.85	101.00
	27	87.00	98.00	96.63	101.00
	28	88.00	98.00	96.59	102.00
	29	81.00	96.00	94.51	101.00
	30	83.00	93.00	92.08	99.00
	31	85.00	95.00	94.08	101.00
All		74.00	100.00	99.66	115.00

Extreme temperatures From the July 2022 data

Tuesday, May 2, 2023 08:51:59 AM 29

Variable: TFMAX22

Moments			
N	10444	Sum Weights	10444
Mean	99.6625814	Sum Observations	1040876
Std Deviation	4.67531384	Variance	21.8585595
Skewness	-0.519977	Kurtosis	0.97245618
Uncorrected SS	103964658	Corrected SS	228268.937
Coeff Variation	4.69114263	Std Error Mean	0.04574855

Basic Statistical Measures			
Location		Variability	
Mean	99.6626	Std Deviation	4.67531
Median	100.0000	Variance	21.85856
Mode	100.0000	Range	41.00000
		Interquartile Range	6.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2178.486	Pr > t 	<.0001
Sign	M	5222	Pr >= M 	<.0001
Signed Rank	S	27271895	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	115
99%	110
95%	107
90%	105
75% Q3	103
50% Median	100
25% Q1	97
10%	94
5%	91
1%	87
0% Min	74

Extreme temperatures From the July 2022 data

Tuesday, May 2, 2023 08:51:59 AM 30

Variable: TFMAX22

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
74	33189	114	35522
75	39329	114	37945
76	41761	114	39374
77	41052	115	41316
78	35532	115	43188

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	33616	76.30	100.00

Second hottest recordings in July 2022

Tuesday, May 2, 2023 08:51:59 AM 31

STATION	NAME	ELEVATION	Day	TFMAX21	TFMAX22
USC00411694	Childress 2	585.2	20	87	114
USC00413828	Guthrie	536.4	20	91	114
USC00415247	Lipscomb	728.5	19	85	114
USC00417624	Rio Grande Village	566.3	21	100	114
USC00419163	Truscott 3 W	478.8	20	88	114

Second hottest recordings in July 2022

Tuesday, May 2, 2023 08:51:59 AM 32

STATION	NAME	ELEVATION	Day	TFMAX21	TFMAX22
USR0000TMAA	Matador W.M.A. Texas	579.1	19	88	115
USW00013966	Wichita Falls Municipal Airport	308.6	19	90	115