



# Austin Area Highest Winds/Wind Gusts

Observations from Robert Mueller Airport  
Camp Mabry ASOS installed 6/1999 with  
relatively poor siting for wind measurement

Rank
1 <sup>st</sup>
2 <sup>nd</sup>
3 <sup>rd</sup>
4 <sup>th</sup>
5 <sup>th</sup>

Sustained winds (2-minute)		
52	N (020)	5/27/1997
52*	N (020)	9/10/1987
51	N (360)	9/7/1995
47	NNE (030)	9/3/1997
46	W (270)	4/4/1997

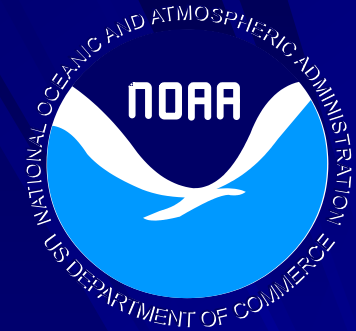
\*1-minute value in the  
pre-modern ASOS era

Wind gusts (5-second)		
81	N	9/10/1987
71	N (020)	5/27/1997
69	W	7/28/1980
64	N (360)	9/7/1995
63*	NW	12/14/1987

\*Non-thunderstorm. 63mph  
gust also on 5/27/1992 (NW)



# Austin Area Largest 24 Hour Temperature Changes



Rank
1 <sup>st</sup>
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4 <sup>th</sup>
5 <sup>th</sup>

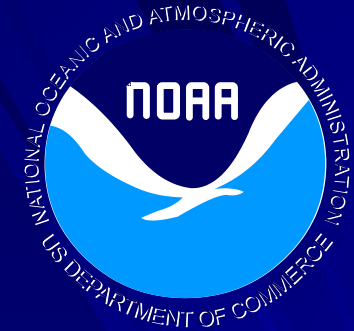
24-hour Temperature Drop		
55	86 -> 31	2/22/22 2pm- 2/23/22 2pm
51	82 -> 31	2/8/94 4pm- 2/9/94 4pm
51	71 -> 20	12/21/90 9am- 12/22/90 9am
51	86 -> 35	3/25/55 11am- 3/26/55 11am
49*	80 -> 31	2/12/51 4pm- 2/13/51 4pm

24-hour Temperature Rise		
40	21 -> 61	1/13/62 6am- 1/14/62 6am
34	54 -> 88	2/18/80 2pm- 2/19/80 2pm
34	26 -> 60	1/17/82 11am- 1/18/82 11am
34	26 -> 60	3/3/80 6am- 3/4/80 6am
33	37 -> 70	11/15/59 4pm- 11/16/59 4pm

\*3 other times (1/20-21/54  
2/15-16/80, and 1/31/11-  
2/1/11)



# Austin Area Largest 1 Hour Temperature Changes



Rank
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1-hour Temperature Drop		
		8/31/1954
28	105 -> 77	4-5pm
		5/31/1956
27	96 -> 69	5-6pm
		2/1/2011
27	66 -> 39	3-4am
		12/3/1978
25	73 -> 48	6-7am
		1/24/1949
25	72 -> 47	4-5am

1-hour Temperature Rise		
		2/27/1954
18	57 -> 75	8-9am
		12/14/1954
17	41 -> 58	9-10am
		3/8/1993
14	47 -> 61	8-9am
		2/17/1982
14	67 -> 81	10-11am
		1/6/1989
14*	52 -> 66	9-10am

\*Also 52 -> 66 on 2/14/1949  
between 1-2am



# Austin Area Largest MaxT-MinT Difference

Rank
1 <sup>st</sup>
2 <sup>nd</sup>
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4 <sup>th</sup>
5 <sup>th</sup>

Largest Difference Between MaxT/MinT		
55	87/32	3/25/1955
53	83/30	12/20/1951
51	75/24	2/10/1981
50	72/22	12/21/1990
48*	86/38	3/10/1988

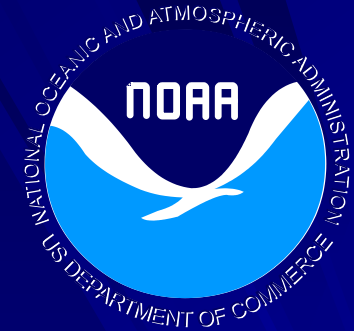
\*Also 1/20/1954 82/34

Smallest Difference Between MaxT/MinT		
2	40/38	1/14/2015
2	47/45	2/4/2010
2	42/40	3/13/2009
2	31/29	1/16/2007
2*	44/42	1/31/2005

\*9 other times, notably once in June on 6/17/61



# Austin Area Highest 1 Hour Precipitation



Rank
1 <sup>st</sup>
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Highest 1 hour precipitation	
3.78"	5/17/1999 8-9pm
2.96"	8/22/2022 3:51-4:51pm
2.87"	7/19/1979 7-8pm
2.76"	10/23/1953 2-3am
2.72"	8/26/2001 7-8pm



# Austin Area Consecutive Hours at or Below 32°



Rank
1 <sup>st</sup>
2 <sup>nd</sup>
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5 <sup>th</sup>

Consecutive hours	Start*	End*
144 (6 days 0 hrs)	2/12/2021 3pm	2/18/2021 3pm
140 (5 days 20 hrs)	12/21/1983 3pm	12/27/1983 11am
112 (4 days 16 hrs)	1/28/1951 8pm	2/2/1951 12pm
97 (4 days 1 hr)	1/31/1985 4am	2/4/1985 5am
92 (3 days 20 hrs)	1/8/1973 5pm	1/12/1973 1pm

\*Some times are rounded to the nearest hour



# Austin Area Consecutive Hours at or Above 80°



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1 <sup>st</sup>
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4 <sup>th</sup>
5 <sup>th</sup>
6 <sup>th</sup>

Consecutive hours	Start*	End*
95 (3 days 23 hrs)	8/16/2019 8am	8/20/2019 7am
92 (3 days 20 hrs)	7/6/2020 8am	7/10/2020 4am
89 (3 days 17 hrs)	6/29/2020 9am	7/3/2020 2am
74 (3 days 2 hrs)	8/30/2020 8am	9/2/2020 10am
72 (3 days 0 hrs)	8/27/2011 6am	8/30/2011 6am
71 (2 days 23 hrs)	8/10/2011 8am	8/13/2011 7am

\*Some times are rounded to the nearest hour