

Local Climatological Data
Daily Summary
June 2021

Current Location: Elev: 586 ft. Lat: 33.1903° N Lon: -96.5914° W

Generated on 09/14/2021

Station: **MCKINNEY MUNICIPAL AIRPORT, TX US WBAN: 72254153914 (KTKI)**

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH										
	Max	Min	Avg	Dep	ARH	ADP	AWB	Heat	Cool	Rise	Set		TLC	Snow Fall	Snow Depth	Avg Stn	Avg SL		Avg Speed	Direction = Degrees									
																		Peak Speed		Peak Dir	Sust. Speed	Sust. Dir							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
01	72	63	68	-8.3				0	3	0518	1930	RA BR	0.04			29.41		6.7	19	300	14	320							
02	81	59*	70	-6.5				0	5	0518	1931		0.00			29.36		4.3	18	350	13	010							
03	84	61	73	-3.8				0	8	0518	1931		0.00			29.37		3.6	15	160	13	160							
04	80	64	72	-5.0				0	7	0517	1932		0.00			29.37		5.2	18	170	12	140							
05	85	65	75	-2.2				0	10	0517	1933	TS RA FG BR	0.34			29.26		6.7	30s	240s	23	240							
06	86	65	76	-1.4				0	11	0517	1933	TS RA BR	0.04			29.18		7.7	24	190	16	180							
07	77	67	72	-5.6				0	7	0517	1934	TS RA FG BR	0.03			29.20		7.6	26	030	18	010							
08	87	71	79	1.2				0	14	0517	1934	TS BR	T			29.28		8.4	29	200	22	190							
09	90	76	83	5.0				0	18	0517	1935		0.00			29.33		9.0	21	180	17	180							
10	89	76	83	4.8				0	18	0517	1935		0.00			29.26		9.7	23	150	16	140							
11	91	76	84	5.6				0	19	0517	1935	RA	0.00s			29.21		12.0	29	180	23	190							
12	90	69	80	1.4				0	15	0517	1936	TS RA FG BR	1.06			29.34		5.6	40	010	30	010							
13	97*	73	85	6.2				0	20	0517	1936	BR	0.00			29.32		3.0	14	330	9	340							
14	95	76	86	7.0				0	21	0517	1937		0.00			29.35		4.4	18	010	13	060							
15	95	71	83	3.9				0	18	0517	1937		0.00			29.39		2.8	13	040	9	030							
16	95	71	83	3.7				0	18	0517	1937	HZ	0.00			29.39		3.1	13	150	9	150							
17	96	72	84	4.5				0	19	0517	1938	BR HZ	0.00			29.35		3.5	15	190	10	140							
18	93	76	85	5.4				0	20	0517	1938	HZ	0.00			29.31		7.1	21	170	15	170							
19	92	68	80	0.2				0	15	0517	1938		0.00			29.22		6.3	20	140	15	140							
20	95	73	84	4.1				0	19	0517	1938		0.00			29.15		11.9	34	180	22	170							
21	90	67	79	-1.1				0	14	0518	1939	TS RA	0.07			29.28		11.9	45	010	31	010							
22	85	64	75	-5.3				0	10	0518	1939		0.00			29.38		7.4	20	110	14	160							
23	94	73	84	3.6				0	19	0518	1939		0.00			29.32		11.4	25	200	17	180							
24	94	78	86	5.5				0	21	0518	1939		0.00			29.31		14.0	28	130	22	140							
25	94	79	87	6.3				0	22	0519	1939		0.00			29.26		15.5	32	160	24	170							
26	94	78	86	5.2				0	21	0519	1939		0.00			29.24		13.7	34	190	24	180							
27	92	76	84	3.0				0	19	0519	1939	TS RA	T			29.31		9.5	31	150	23	150							
28	87	73	80	-1.1				0	15	0520	1939	RA BR	0.51			29.36		5.4	33	130	23	130							
29	88	73	81	-0.2				0	16	0520	1940	RA BR	0.18			29.43		9.2	25	150	16	130							
30	91	73	82	0.6				0	17	0520	1939		T			29.43		4.2	13	110	10	160							
	89.3	70.9	80.1										2.27s			29.31	29.92	7.6											
	-0.7	2.4	0.8										-1.77s																
Monthly Averages Totals													2.27s			29.31	29.92	7.6											
Departure from Normal (1981-2010)													-1.77s																
Degree Days										Number of days with...																			
Monthly					Season-to-date					Temperature				Precipitation		Snow		Weather											
Total		Departure			Total		Departure			Max		Min		>=0.01"		>=0.1"		>=1"		T-Storms		Heavy Fog							
Heating		0			0		2644			>=90°		<=32°		<=32°		<=0°		5s		3s									
Cooling		452			25			689			18		0		0		0												
Date of 5-sec to 3-sec wind equipment change								Sea Level Pressure				Greatest...																	
2007-03-05								Maximum		30.13		Date		30		Time		1050		24-Hr... Precip		1.06		Snowfall		Snow Depth			
								Minimum		29.69				20															
																		Date											
										12-12																			
Station Augmentation																													
Name:N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																													

U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service

Local Climatological Data Hourly Observations June 2021

National Centers for Environmental Information
 151 Patton Avenue
 Asheville, North Carolina 28801

Current Location: Elev: 586 ft. Lat: 33.1903° N Lon: -96.5914° W

Generated on 09/14/2021

Station: MCKINNEY MUNICIPAL AIRPORT, TX US WBAN: 72254153914 (KTKI)

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						AU AW MW	(F)	(C)	(F)	(C)	(F)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
28	0053	7	CLR:00	10.00		77	25.0	74	23.3	72	22.2	85	3	170		29.35			29.96	FM-15	0.00	29.98
28	0153	7	FEW:02 120	10.00		76	24.4	73	22.8	72	22.2	88	3	150		29.35			29.96	FM-15	0.00	29.98
28	0253	7	CLR:00	10.00		75	23.9	72	22.2	71	21.7	88	3	110		29.35	1	0.00	29.96	FM-15	0.00	29.98
28	0353	7	CLR:00	10.00		74	23.3	72	22.2	71	21.7	91	5	100		29.34			29.95	FM-15	0.00	29.97
28	0453	7	CLR:00	10.00		73	22.8	71	21.7	70	21.1	90	3	120		29.35			29.96	FM-15	0.00	29.98
28	0553	7	CLR:00	10.00		73	22.8	71	21.7	70	21.1	90	3	100		29.37	3	-0.02	29.99	FM-15	0.00	30.00
28	0633	7	BKN:07 9	10.00		74	23.3	72	22.2	71	21.7	91	5	130		29.37				FM-16		30.00
28	0653	7	OVC:08 9	10.00		75	23.9	72	22.2	71	21.7	88	7	110		29.38			29.99	FM-15	0.00	30.01
28	0717	7	BKN:07 10 OVC:08 14	10.00		76	24.4	73	22.8	71	21.7	85	5	130		29.38				FM-16		30.01
28	0721	7	BKN:07 9 OVC:08 14	10.00		75	23.9	72	22.2	71	21.7	88	7	130		29.38				FM-16		30.01
28	0753	7	BKN:07 9 OVC:08 14	10.00		75	23.9	73	22.8	72	22.2	90	5	110		29.40			30.01	FM-15	0.00	30.03
28	0819	7	OVC:08 11	10.00		76	24.4	73	22.8	72	22.2	88	5	120		29.40				FM-16		30.03
28	0851	6	SCT:04 13 BKN:07 27 OVC:08 32	10.00		79	26.1	74	23.3	72	22.2	79	6	130		29.40				FM-16		30.03
28	0853	7	SCT:04 13 BKN:07 27 OVC:08 32	10.00		78	25.6	74	23.3	72	22.2	82	7	140		29.40	1	-0.04	30.02	FM-15	0.00	30.03
28	0953	7	BKN:07 16 BKN:07 27	10.00		81	27.2	75	23.9	72	22.2	74	0	000		29.39			30.01	FM-15	0.00	30.02
28	1000	7	FEW:02 14 BKN:07 41 BKN:07 48	10.00		81	27.2	74	23.3	71	21.7	72	0	000		29.39				FM-16		30.02
28	1053	7	FEW:02 29 BKN:07 47	10.00		83	28.3	75	23.9	71	21.7	67	6	040		29.39			30.01	FM-15	0.00	30.02
28	1153	7	FEW:02 38 SCT:04 110	10.00		85	29.4	74	23.3	69	20.6	59	9	070		29.37	8	+0.04	29.98	FM-15	0.00	30.00
28	1253	7	BKN:07 34 BKN:07 47 OVC:08 65	10.00		86	30.0	76	24.4	71	21.7	61	8	050		29.35			29.96	FM-15	0.00	29.98
28	1353	7	FEW:02 39 BKN:07 70 OVC:08 110	10.00		83	28.3	75	23.9	72	22.2	70	10	160		29.33			29.94	FM-15	T	29.96
28	1411	7	FEW:02 20 SCT:04 36 BKN:07 65	3.00	-RA:02 RA RA	77	25.0	74	23.3	72	22.2	85	17	130	33	29.34				FM-16	0.04	29.97
28	1414	7	FEW:02 20 BKN:07 36 BKN:07 65	1.75	+RA:02 BR:1 RA RA	75	23.9	73	22.8	72	22.2	90	17	120	33	29.34				FM-16	0.08	29.97
28	1451	6	SCT:04 25 BKN:07 75 OVC:08 90	5.00	RA:02 BR:1 RA RA	73	22.8	72	22.2	72	22.2	94	9	130		29.34				FM-16		29.97
28	1453	7	FEW:02 23 SCT:04 70 OVC:08 85	5.00	-RA:02 BR:1 RA RA	74	23.3	73	22.8	72	22.2	94	7	130		29.34	5	+0.02	29.96	FM-15	0.48s	29.97
28	1553	7	FEW:02 70 BKN:07 110	10.00		76	24.4	74	23.3	73	22.8	91	0	000		29.34			29.96	FM-15	T	29.97
28	1653	7	BKN:07 10	10.00		78	25.6	75	23.9	74	23.3	87	3	110		29.32			29.94	FM-15	0.00	29.95
28	1751	6	SCT:04 10	10.00	-RA:02 RA RA	75	23.9	73	22.8	72	22.2	89	8	140		29.33				FM-16		29.96

28	1753	7	SCT:04 10	10.00	-RA:02 RA RA	75	23.9	73	22.8	72	22.2	90	7	130		29.33	5	+0.01	29.95	FM-15	0.03	29.96
28	1840	7	BKN:07 20 BKN:07 34 OVC:08 110	10.00	-RA:02 RA RA	75	23.9	73	22.8	72	22.2	90	8	130		29.33				FM-16	0.01	29.96
28	1853	7	BKN:07 18 OVC:08 25	10.00	-RA:02 RA RA	75	23.9	73	22.8	72	22.2	90	7	130		29.33			29.95	FM-15	T	29.96
28	1953	7	BKN:07 16	7.00		75	23.9	74	23.3	73	22.8	94	6	140		29.35			29.97	FM-15	0.00	29.98
28	1955	7	BKN:07 8 BKN:07 16 BKN:07 22	6.00	BR:1	75	23.9	74	23.3	73	22.8	94	6	130		29.35				FM-16		29.98
28	2028	7	SCT:04 14	10.00		75	23.9	74	23.3	73	22.8	94	6	120		29.36				FM-16		29.99
28	2045	7	BKN:07 14	10.00		75	23.9	74	23.3	73	22.8	94	6	110		29.37				FM-16		30.00
28	2053	7	BKN:07 14 BKN:07 19	10.00		75	23.9	74	23.3	73	22.8	94	5	110		29.37	3	-0.04	29.99	FM-15	0.00	30.00
28	2116	7	BKN:07 8 OVC:08 17	10.00		75	23.9	74	23.3	73	22.8	94	7	090		29.38				FM-16		30.01
28	2124	7	SCT:04 8 OVC:08 15	10.00		75	23.9	74	23.3	73	22.8	94	7	100		29.39				FM-16		30.02
28	2139	7	FEW:02 6 BKN:07 11 OVC:08 25	10.00		75	23.9	74	23.3	73	22.8	94	7	100		29.39				FM-16		30.02
28	2148	7	SCT:04 9 BKN:07 15 OVC:08 37	10.00		75	23.9	73	22.8	72	22.2	89	6	120		29.40				FM-16		30.03
28	2151	6	BKN:07 9 BKN:07 15 OVC:08 46	10.00		75	23.9	74	23.3	73	22.8	94	5	120		29.40				FM-16		30.03
28	2153	7	SCT:04 9 BKN:07 15 OVC:08 46	10.00		75	23.9	74	23.3	73	22.8	94	6	110		29.40			30.01	FM-15	0.00	30.03
28	2204	7	SCT:04 9 OVC:08 45	10.00		75	23.9	73	22.8	72	22.2	90	7	110		29.40				FM-16		30.03
28	2248	7	BKN:07 8 BKN:07 55	10.00		73	22.8	72	22.2	72	22.2	94	7	110		29.41				FM-16		30.04
28	2253	7	BKN:07 8 BKN:07 41 BKN:07 55	10.00		74	23.3	73	22.8	72	22.2	94	8	110		29.41			30.03	FM-15	0.00	30.04
28	2326	7	OVC:08 11	10.00		74	23.3	73	22.8	72	22.2	94	7	100		29.41				FM-16		30.04
28	2353	7	BKN:07 10 OVC:08 13	10.00		75	23.9	73	22.8	72	22.2	90	7	110		29.41	1	-0.01	30.02	FM-15	0.00	30.04
29	0020	7	BKN:07 8 OVC:08 13	10.00		74	23.3	73	22.8	72	22.2	94	8	130		29.41				FM-16		30.04
29	0031	7	BKN:07 12 OVC:08 19	10.00		74	23.3	73	22.8	72	22.2	94	7	130		29.40				FM-16		30.03
29	0035	7	FEW:02 8 OVC:08 16	10.00		74	23.3	73	22.8	72	22.2	94	8	120		29.41				FM-16		30.04
29	0049	7	OVC:08 14	10.00		75	23.9	73	22.8	72	22.2	89	10	140	17	29.41				FM-16		30.04
29	0053	7	BKN:07 14 OVC:08 19	10.00		75	23.9	73	22.8	72	22.2	90	13	140	20	29.41			30.02	FM-15	0.00	30.04
29	0120	7	SCT:04 10 BKN:07 16	10.00		74	23.3	73	22.8	72	22.2	94	7	120		29.41				FM-16		30.04
29	0129	7	BKN:07 12 BKN:07 16	10.00		74	23.3	73	22.8	72	22.2	94	8	120		29.41				FM-16		30.04
29	0153	7	SCT:04 10 BKN:07 13 BKN:07 18	10.00		74	23.3	73	22.8	72	22.2	94	8	120		29.41			30.03	FM-15	0.00	30.04
29	0248	7	FEW:02 8 BKN:07 13 OVC:08 55	8.00	-RA:02 RA RA	73	22.8	72	22.2	72	22.2	94	9	140		29.41				FM-16	T	30.04
29	0253	7	FEW:02 7 BKN:07 14 OVC:08 55	9.00	-RA:02 RA RA	74	23.3	73	22.8	72	22.2	94	7	140		29.41	1	-0.01	30.03	FM-15	T	30.04
29	0353	7	BKN:07 16	10.00		74	23.3	73	22.8	72	22.2	94	8	120		29.41			30.03	FM-15	0.00	30.04

29	0428	7	SCT:04 11 BKN:07 14 OVC:08 25	9.00	-RA:02 RA RA	74	23.3	73	22.8	72	22.2	94	11	110		29.41				FM-16	0.01	30.04
29	0444	7	SCT:04 8 BKN:07 13 OVC:08 20	2.50V	RA:02 BR:1 RA RA	74	23.3	73	22.8	72	22.2	94	10	120	17	29.41				FM-16	0.04	30.04
29	0453	7	SCT:04 9 BKN:07 13 OVC:08 20	2.50	RA:02 BR:1 RA RA	74	23.3	73	22.8	72	22.2	94	11	120		29.41			30.03	FM-15	0.13	30.04
29	0456	7	SCT:04 7 BKN:07 12 OVC:08 24	3.00	RA:02 BR:1 RA RA	74	23.3	73	22.8	72	22.2	94	10	120		29.41				FM-16	0.02	30.04
29	0503	7	FEW:02 5 BKN:07 10 OVC:08 25	2.00V	+RA:02 BR:1 RA RA	73	22.8	72	22.2	72	22.2	96	9	150	18	29.42				FM-16	0.09	30.05
29	0513	7	SCT:04 7 BKN:07 20 OVC:08 34	6.00	-RA:02 BR:1 RA RA	74	23.3	73	22.8	72	22.2	94	11	170		29.43				FM-16	0.10	30.06
29	0537	7	BKN:07 13 BKN:07 28 OVC:08 36	10.00		74	23.3	73	22.8	72	22.2	94	8	150		29.43				FM-16	0.10	30.06
29	0551	6	SCT:04 11 BKN:07 21 OVC:08 42	10.00		73	22.8	72	22.2	72	22.2	94	11	150		29.43				FM-16		30.06
29	0553	7	SCT:04 11 BKN:07 14 OVC:08 42	10.00		74	23.3	73	22.8	72	22.2	94	10	150		29.43	3	-0.02	30.05	FM-15	0.04	30.06
29	0625	7	SCT:04 9 BKN:07 16 OVC:08 24	10.00		74	23.3	73	22.8	72	22.2	94	10	150		29.44				FM-16		30.07
29	0633	7	BKN:07 9 BKN:07 16 OVC:08 24	10.00		74	23.3	73	22.8	72	22.2	94	13	150		29.44				FM-16		30.07
29	0653	7	BKN:07 9 OVC:08 43	10.00		75	23.9	73	22.8	72	22.2	90	10	150		29.45			30.07	FM-15	0.00	30.08
29	0753	7	BKN:07 9 OVC:08 44	10.00		76	24.4	74	23.3	73	22.8	91	10	150		29.46			30.08	FM-15	0.00	30.09
29	0755	7	BKN:07 10 OVC:08 44	10.00		77	25.0	74	23.3	73	22.8	88	10	160		29.46				FM-16		30.09
29	0853	7	BKN:07 12 OVC:08 26	10.00		78	25.6	74	23.3	72	22.2	82	11	190		29.46	1	-0.03	30.08	FM-15	0.00	30.09
29	0951	6	SCT:04 19 BKN:07 27	10.00		81	27.2	75	23.9	72	22.2	74	11	160		29.46				FM-16		30.09
29	0953	7	SCT:04 19 BKN:07 27	10.00		82	27.8	75	23.9	72	22.2	72	11	170		29.47			30.08	FM-15	0.00	30.10
29	1053	7	SCT:04 19 BKN:07 29	10.00		82	27.8	75	23.9	72	22.2	72	13	160		29.47			30.09	FM-15	0.00	30.10
29	1151	6	SCT:04 25	10.00		84	28.9	76	24.4	72	22.2	66	9	130		29.46				FM-16		30.09
29	1153	7	SCT:04 25	10.00		84	28.9	75	23.9	71	21.7	65	10	130		29.45	8	+0.01	30.07	FM-15	0.00	30.08
29	1253	7	SCT:04 35	10.00		85	29.4	75	23.9	70	21.1	61	8	140	16	29.44			30.05	FM-15	0.00	30.07
29	1353	7	FEW:02 40 BKN:07 55 BKN:07 70	7.00	-RA:02 RA RA	80	26.7	76	24.4	74	23.3	82	10	130	22	29.43			30.05	FM-15	0.01	30.06
29	1453	7	SCT:04 33	10.00		87	30.6	76	24.4	71	21.7	59	9	130		29.42	6	+0.03	30.03	FM-15	0.00	30.05
29	1553	7	FEW:02 37	10.00		87	30.6	76	24.4	71	21.7	59	9	130		29.41			30.02	FM-15	0.00	30.04
29	1653	7	FEW:02 95	10.00		87	30.6	75	23.9	69	20.6	55	13	120		29.41			30.02	FM-15	0.00	30.04
29	1753	7	FEW:02 37	10.00		85	29.4	75	23.9	71	21.7	63	10	130	20	29.41	5	+0.01	30.02	FM-15	0.00	30.04
29	1853	7	FEW:02 90 FEW:02 120	10.00		81	27.2	74	23.3	71	21.7	72	7	140		29.44			30.06	FM-15	T	30.07
29	1953	7	CLR:00	10.00		80	26.7	75	23.9	73	22.8	79	6	180		29.44			30.06	FM-15	0.00	30.07
29	2053	7	CLR:00	10.00		78	25.6	74	23.3	72	22.2	82	9	160		29.46	1	-0.05	30.07	FM-15	0.00	30.09
29	2153	7	CLR:00	10.00		77	25.0	73	22.8	71	21.7	82	6	140		29.48			30.09	FM-15	0.00	30.11
29	2253	7	CLR:00	10.00		75	23.9	73	22.8	72	22.2	90	5	110		29.48			30.09	FM-15	0.00	30.11
29	2353	7	CLR:00	10.00		75	23.9	73	22.8	72	22.2	90	5	140		29.47	0	-0.01	30.08	FM-15	0.00	30.10

Local Climatological Data Hourly Precipitation June 2021

Current Location: Elev: 586 ft. Lat: 33.1903° N Lon: -96.5914° W

Generated on 09/14/2021

Station: **MCKINNEY MUNICIPAL AIRPORT, TX US WBAN: 72254153914 (KTKI)**

Date	For Hour (LST) Ending at																						Date		
	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	NOON	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM		11 PM	MID
01	T	0.02	0.02																					01	
02																								02	
03																								03	
04																								04	
05		T	0.01	0.01	0.13	0.04	0.04	0.03	0.01										T	0.01	0.01	0.01	0.02	0.02	05
06	0.02	0.02																						06	
07						T	T	T	T	T	0.01	T	M	0.01	0.01									07	
08							T																	08	
09																								09	
10																								10	
11											T	T	T											11	
12						1.00	0.02					0.04	T											12	
13																								13	
14																								14	
15																M	M	M	M	M	M	M	M	15	
16	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M									16	
17																								17	
18																								18	
19																								19	
20																								20	
21												0.05s	0.01	T					0.01	T				21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																			T					27	
28														T	0.48s	T		0.03	T					28	
29			T		0.13	0.04								0.01					T					29	
30		T																						30	

Maximum Short Duration Precipitation

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)	0.33	0.60	0.78	0.90	0.99	1.01	1.02	1.02	1.02	1.02	1.02	1.02
Ending Date Time (yyyy-mm-dd hh:mi)	2021-06-12 05:35	2021-06-12 05:40	2021-06-12 05:42	2021-06-12 05:44	2021-06-12 05:53	2021-06-12 06:05	2021-06-12 06:13	2021-06-12 06:13	2021-06-12 06:13	2021-06-12 06:13	2021-06-12 06:13	2021-06-12 06:13

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace
 \$ = Suspect
 * = Erroneous
 blank = No precipitation observed
 M = Missing