

# Local Climatological Data

## Yearly Summary for Norman, OK

2019

MO	Temperature									Number of Days			
	Monthly Average			Daily High		Daily Low		Daily Mean		Daily High		Daily Low	
	MX	MN	AV	MX	MN	MX	MN	MX	MN	90>	32<	32<	0<
Jan.	49.0	30.0	39.1	69	30	44	19	59	26	0	2	20	0
Feb.	49.5	33.1	40.5	71	26	57	16	62	23	0	1	15	0
Mar.	59.5	38.6	49.0	75	28	57	11	65	18	0	1	8	0
Apr.	73.5	51.8	62.2	88	52	67	38	76	45	0	0	0	0
May	77.7	59.4	68.4	87	61	73	44	77	53	0	0	0	0
Jun.	85.9	67.2	76.0	94	75	79	57	85	68	6	0	0	0
Jul.	92.2	71.6	81.5	100	85	77	61	86	75	21	0	0	0
Aug.	93.5	72.9	82.3	104	79	79	67	89	72	21	0	0	0
Sep.	90.1	70.9	79.6	97	80	75	67	83	73	18	0	0	0
Oct.	70.4	47.1	58.0	90	38	74	25	80	34	2	0	3	0
Nov.	61.0	36.1	47.2	77	37	58	16	63	25	0	0	10	0
Dec.	55.7	35.0	44.3	72	34	48	23	58	31	0	0	11	0
Year	71.6	51.2	60.8	104	26	79	11	89	18	68	4	67	0
Dep	-0.3	+1.5	+0.3	±0	+7	+1	+6	-1	+4	-4	-5	-6	±0

MO	Dew Point									Relative Humidity								
	Monthly Average			Daily High		Daily Low		Daily Mean		Monthly Average			Daily High		Daily Low		Daily Mean	
	MX	MN	AV	MX	MN	MX	MN	MX	MN	MX	MN	AV	MX	MN	MX	MN	MX	MN
Jan.	36.1	23.2	29.4	56	20	38	10	45	15	88	50	71	100	67	94	22	99	49
Feb.	38.6	26.0	31.5	57	13	53	4	55	9	90	55	75	100	59	100	20	100	36
Mar.	41.5	28.1	34.8	62	7	52	-3	56	1	86	42	62	100	63	96	20	100	39
Apr.	55.4	43.0	49.1	72	32	60	22	66	27	89	42	66	100	59	81	20	96	44
May	65.7	55.0	60.2	73	53	68	37	70	44	97	56	78	100	84	82	25	97	59
Jun.	70.6	61.9	66.6	78	56	71	44	75	50	98	50	75	100	85	76	32	94	55
Jul.	71.7	63.1	67.8	79	61	72	51	75	57	92	41	66	100	74	58	28	77	55
Aug.	73.9	65.5	70.2	78	71	74	59	76	67	93	45	70	100	78	75	26	90	52
Sep.	72.2	64.8	68.9	77	68	72	55	73	64	94	47	72	100	80	73	27	93	58
Oct.	52.9	37.8	46.0	72	26	67	12	69	20	92	44	69	100	73	100	17	100	43
Nov.	43.8	28.1	35.6	66	14	51	2	60	8	90	43	68	100	69	100	14	100	48
Dec.	38.2	26.3	32.1	60	19	47	10	56	15	85	43	66	100	57	88	16	97	41
Year	55.1	43.7	49.4	79	7	74	-3	76	1	91	47	70	100	57	100	14	100	36
Dep	+1.3	+1.7	+1.3	+2	-1	+3	+2	+3	-1	+5	+4	+5	±0	+8	+3	+3	+1	+6

MO	Heat Index & Wind Chill				Snow Depth			Degree Days					
	Mon Avg		Daily		Mon	Daily	Daily	Mon Total		Daily High		Daily Low	
	MX	MN	MX	MN	AV	MX	MN	H	C	H	C	H	C
Jan.		22.6		9	0	2	0	802	0	39	0	6	0
Feb.		25.2		5	0	0	0	689	2	42	1	4	0
Mar.		33.8		-6	0	0	0	509	12	47	3	3	0
Apr.			86	27	0	0	0	168	84	20	11	0	0
May	79.0		90	40	0	0	0	70	175	12	12	0	0
Jun.	90.1		108		0	0	0	4	333	2	20	0	4
Jul.	97.4		108		0	0	0	0	512	0	21	0	11
Aug.	99.8		110		0	0	0	0	536	0	24	0	7
Sep.	94.9		102		0	0	0	0	439	0	18	0	8
Oct.			94		0	0	0	316	98	31	15	0	0
Nov.		30.8		4	0	0	0	541	9	40	3	3	0
Dec.		29.7		18	0	0	0	644	1	34	1	8	0
Year	95.6	28.5	110	-6	0	2	0	3743	2201	47	24		
Dep	+1.4	-1.4	±0	-1	±0	-1	±0	+119	+218	-4	-1		

MO	Weather Types										Sunshine			Water Temp		
	Number of Days										Mon	Daily	Daily	Mon	Daily	Daily
	FG	+FG	TS	PL	GR	GZ	DU	SM	BS	AV	MX	MN	AV	MX	MN	
Jan.	11	2	0	2	0	2	0	0	0	8.3	15	1	45.5	47	44	
Feb.	15	6	2	2	0	3	0	0	0	9.2	19	2	47.5	50	45	
Mar.	12	2	4	1	1	1	0	0	0	15.8	25	3	54.1	65	43	
Apr.	13	1	7	0	1	0	0	0	0	19.3	28	1	68.6	74	62	
May	20	0	14	0	2	0	0	0	0	19.3	30	6	74.5	79	69	
Jun.	15	1	11	0	0	0	0	0	0	24.5	31	7	82.5	89	79	
Jul.	4	0	3	0	0	0	0	0	0	26.1	30	19	84.9	89	81	
Aug.	9	0	11	0	0	0	0	0	0	20.0	26	8	85.1	87	83	
Sep.	10	1	5	0	0	0	0	0	0	19.1	24	9	85.8	89	84	
Oct.	10	0	8	0	0	0	0	0	0	14.2	20	1	73.3	85	55	
Nov.	9	2	3	0	0	1	0	0	0	10.6	17	1	53.9	58	51	
Dec.	8	3	1	0	0	1	0	0	0	8.8	13	1	49.0	52	46	
Year	136	18	69	5	4	8	0	0	0	16.3	31	1	67.2	89	43	
Dep	+23	+6	+15	+2	±0	+2	-1	-1	±0	-0.7	±0	±0				

MO	Precipitation						
	Mon	Daily	Number of Days				
	TOT	MX	>.01	>.10	>.25	>.50	>1.00
Jan.	2.32	1.30	5	3	2	2	1
Feb.	0.71	0.17	9	2	0	0	0
Mar.	3.54	1.24	10	6	5	3	1
Apr.	5.36	2.77	11	7	6	3	1
May	9.77	1.74	16	13	11	10	3
Jun.	4.94	1.27	12	9	6	4	1
Jul.	0.42	0.34	2	1	1	0	0
Aug.	6.00	1.53	11	7	6	4	3
Sep.	2.32	0.67	7	5	3	3	0
Oct.	4.85	1.90	11	8	3	2	2
Nov.	2.23	0.76	9	5	4	1	0
Dec.	0.80	0.77	3	1	1	1	0
Year	43.26	2.77	106	67	48	33	12
Dep	+6.90	-0.49	+22	+15	+11	+7	-1

MO	Snowfall						
	Mon	Daily	Number of Days				
	TOT	MX	>0.1	>1.0	>2.0	>4.0	>6.0
Jan.	2.2	2.2	1	1	1	0	0
Feb.	0.0	0.0	0	0	0	0	0
Mar.	0.0	0.0	0	0	0	0	0
Apr.	0.0	0.0	0	0	0	0	0
May	0.0	0.0	0	0	0	0	0
Jun.	0.0	0.0	0	0	0	0	0
Jul.	0.0	0.0	0	0	0	0	0
Aug.	0.0	0.0	0	0	0	0	0
Sep.	0.0	0.0	0	0	0	0	0
Oct.	0.0	0.0	0	0	0	0	0
Nov.	0.0	0.0	0	0	0	0	0
Dec.	0.0	0.0	0	0	0	0	0
Year	2.2	2.2	1	1	1	0	0
Dep	-5.1	-1.0	-4	-1	±0	±0	±0

MO	Altimeter								
	Monthly Average			Daily High		Daily Low		Daily Mean	
	MX	MN	AV	MX	MN	MX	MN	MX	MN
Jan.	30.31	30.01	30.16	30.64	29.98	30.42	29.57	30.52	29.80
Feb.	30.22	29.92	30.08	30.82	29.83	30.60	29.60	30.72	29.69
Mar.	30.27	30.01	30.15	30.64	29.63	30.51	29.29	30.56	29.41
Apr.	29.99	29.77	29.89	30.34	29.64	30.12	29.24	30.24	29.41
May	29.93	29.75	29.84	30.19	29.57	30.02	29.44	30.11	29.49
Jun.	29.95	29.80	29.88	30.34	29.70	30.21	29.60	30.27	29.65
Jul.	29.98	29.86	29.92	30.19	29.84	30.07	29.74	30.13	29.80
Aug.	29.95	29.80	29.87	30.13	29.79	29.97	29.59	30.04	29.66
Sep.	29.99	29.86	29.92	30.18	29.72	30.07	29.60	30.12	29.68
Oct.	30.12	29.89	30.00	30.50	29.81	30.34	29.45	30.41	29.67
Nov.	30.25	29.97	30.11	30.76	29.71	30.36	29.45	30.62	29.57
Dec.	30.22	29.97	30.10	30.54	29.90	30.35	29.54	30.44	29.69
Year	30.10	29.89	29.99	30.82	29.57	30.60	29.24	30.72	29.41
Dep	+0.01	+0.01	±0.00	-0.04	+0.02	-0.03	-0.04	-0.03	-0.01

MO	Average Wind Speed						Max Speed		Max Gust	
	Mon	Daily	Daily	Mon	Daily	Mon	Daily	Mon	Daily	
	AV	MX	MN	AV	MX	AV	MX	AV	MX	
Jan.	7.1	17.3	2.1	14	28	21	37			
Feb.	7.7	14.2	4.4	15	28	22	38			
Mar.	7.6	17.4	1.9	14	29	22	42			
Apr.	7.6	15.0	2.6	15	26	24	35			
May	6.5	10.8	2.8	14	22	24	41			
Jun.	5.8	11.3	2.7	14	32	23	48			
Jul.	6.0	9.8	2.8	12	16	20	28			
Aug.	6.0	9.3	2.7	13	27	21	40			
Sep.	5.5	9.6	2.1	11	15	19	28			
Oct.	7.2	12.7	3.5	14	20	23	32			
Nov.	6.2	15.9	2.1	14	28	22	39			
Dec.	5.9	11.9	1.1	12	20	19	29			
Year	6.6	17.4	1.1	15	32	24	48			
Dep	+0.4	+1.2	±0.0	-2	+2	-2	+2			