

Local Climatological Data

Yearly Summary for Norman, OK

2021

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.	50.5	32.0	40.8	68	34	46	21	55	32	0	0	20	0
Feb.	42.2	22.9	32.7	74	6	44	-11	54	0	0	10	19	2
Mar.	68.1	44.9	56.4	80	53	62	31	69	45	0	0	1	0
Apr.	70.1	48.6	59.0	85	53	65	31	71	42	0	0	1	0
May	74.7	59.0	66.5	87	58	69	44	76	53	0	0	0	0
Jun.	87.1	68.3	77.6	95	68	78	56	85	62	15	0	0	0
Jul.	90.2	71.5	80.4	98	84	76	65	87	76	18	0	0	0
Aug.	91.4	72.3	80.9	98	79	78	66	86	73	22	0	0	0
Sep.	90.2	65.0	77.1	99	74	76	51	85	65	20	0	0	0
Oct.	76.8	54.0	65.2	93	63	68	37	79	54	2	0	0	0
Nov.	64.1	41.7	52.4	79	47	58	26	66	42	0	0	5	0
Dec.	65.5	40.7	52.3	81	44	63	19	70	32	0	0	10	0
Year	72.8	51.9	62.0	99	6	78	-11	87	0	77	10	56	2
Dep	+0.9	+2.2	+1.5	-5	-13	±0	-16	-3	-14	+5	+1	-17	+2

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.	36.9	25.3	30.9	55	21	43	12	46	16	87	50	71	98	58	88	23	93	39
Feb.	30.7	16.8	23.6	60	-2	40	-15	49	-5	87	56	72	98	68	90	17	96	47
Mar.	47.5	34.5	41.0	65	31	55	15	60	20	82	39	60	97	61	79	16	89	28
Apr.	51.6	38.9	44.9	69	35	60	21	66	27	84	43	63	97	50	90	20	95	37
May	63.6	54.3	58.9	76	51	67	34	71	43	91	62	78	97	73	87	29	94	55
Jun.	73.0	64.5	68.8	79	62	72	52	76	57	93	56	76	97	81	79	36	92	63
Jul.	74.5	67.4	70.6	79	67	72	61	74	65	91	54	74	98	84	71	42	89	66
Aug.	74.4	67.5	70.5	79	68	72	58	74	63	90	52	72	96	78	82	39	91	62
Sep.	65.3	56.8	61.0	76	49	70	39	72	44	84	37	61	94	68	79	22	91	44
Oct.	57.9	44.6	51.5	71	34	61	19	63	28	88	39	65	100	50	72	18	90	36
Nov.	43.3	30.4	37.0	62	24	54	8	58	18	84	37	60	100	61	92	15	97	38
Dec.	45.5	27.0	35.0	65	21	57	11	60	15	83	32	56	100	48	61	15	76	35
Year	55.5	44.2	49.7	79	-2	72	-15	76	-5	87	46	67	100	48	92	15	97	28
Dep	+1.5	+1.9	+1.4	+2	-10	+1	-10	+2	-7	±0	+3	+1	±0	-1	-5	+4	-2	-2

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.		27.2		16	0	6	0	749	0	33	0	10	0
Feb.		15.3		-25	2	9	0	907	2	65	2	12	0
Mar.		42.5	80	29	0	0	0	296	29	20	5	1	0
Apr.		46.3	82	28	0	0	0	237	58	23	6	0	0
May			96	44	0	0	0	70	118	12	11	0	0
Jun.	94.4		109		0	0	0	8	387	3	20	0	0
Jul.	99.6		113		0	0	0	0	478	0	22	0	11
Aug.	100.3		112		0	0	0	0	494	0	21	0	8
Sep.	92.1		111		0	0	0	14	377	4	20	0	3
Oct.			93	37	0	0	0	118	125	12	14	0	0
Nov.		39.5		24	0	0	0	395	16	23	5	3	0
Dec.		37.5		14	0	0	0	425	31	33	6	0	0
Year	96.7	32.7	113	-25	0	9	0	3219	2115	65	22		
Dep	+2.4	+2.3	+3	-19	±0	+6	±0	-396	+130	+14	-3		

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.	12	1	3	1	0	1	0	0	0	9.4	14.8	1.6	45.1	47	44	
Feb.	16	2	1	0	0	4	0	0	2	11.3	19.2	2.3	42.0	49	34	
Mar.	7	1	4	0	0	0	0	0	0	17.4	24.8	2.1	58.2	65	47	
Apr.	8	0	5	0	0	0	0	0	0	17.8	28.0	3.6	65.5	69	61	
May	14	1	6	0	0	0	0	0	0	17.2	29.3	3.2	71.9	76	69	
Jun.	14	0	9	0	0	0	0	0	0	22.3	29.9	8.6	79.9	85	72	
Jul.	7	0	7	0	0	0	0	0	0	23.6	28.1	11.4	82.5	86	79	
Aug.	7	0	6	0	0	0	0	0	0	20.9	26.0	8.3	82.2	85	79	
Sep.	1	0	2	0	0	0	0	0	0	20.3	23.0	2.8	82.4	84	81	
Oct.	9	0	8	0	1	0	0	0	0	15.3	20.5	4.8	73.8	80	66	
Nov.	6	0	1	0	0	0	0	0	0	11.0	15.0	2.7	58.7	65	54	
Dec.	6	1	0	0	0	0	0	0	0	9.4	12.6	3.0	53.5	56	50	
Year	107	6	52	1	1	5	0	0	2	16.3	29.9	1.6	66.4	86	34	
Dep	-7	-6	-2	-3	-2	-1	-1	-1	+2	-0.6	-0.6	+0.6				

MO	Precipitation						
	Mon	Daily	Number of Days				
	TOT	MX	>.01	>.10	>.25	>.50	>1.00
Jan.	1.88	0.83	5	4	2	2	0
Feb.	1.32	0.49	8	3	3	0	0
Mar.	2.97	2.20	8	3	2	1	1
Apr.	4.39	1.28	9	7	5	3	1
May	6.58	2.04	13	7	5	3	3
Jun.	8.11	2.91	9	7	5	5	3
Jul.	2.42	1.36	5	4	3	2	1
Aug.	1.76	0.62	8	4	3	1	0
Sep.	0.41	0.41	1	1	1	0	0
Oct.	4.62	1.41	8	7	6	4	1
Nov.	0.55	0.27	3	2	2	0	0
Dec.	0.23	0.21	2	1	0	0	0
Year	35.24	2.91	79	50	37	21	10
Dep	-1.16	-0.35	-5	-3	-1	-5	-3

MO	Snowfall						
	Mon	Daily	Number of Days				
	TOT	MX	>0.1	>1.0	>2.0	>4.0	>6.0
Jan.	5.7	5.7	1	1	1	1	0
Feb.	9.6	5.8	4	2	2	1	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	15.3	5.8	5	3	3	2	0
Dep	+7.9	+2.5	±0	+1	+2	+2	±0

MO	Altimeter								
	Monthly Average			Daily High		Daily Low		Daily Mean	
	MX	MN	AV	MX	MN	MX	MN	MX	MN
Jan.	30.25	29.99	30.12	30.66	29.86	30.40	29.52	30.55	29.67
Feb.	30.30	30.05	30.17	30.59	29.94	30.41	29.51	30.50	29.81
Mar.	30.15	29.89	30.02	30.49	29.82	30.30	29.47	30.37	29.65
Apr.	30.07	29.85	29.97	30.58	29.76	30.37	29.53	30.47	29.61
May	30.08	29.88	29.98	30.37	29.73	30.21	29.40	30.28	29.55
Jun.	29.94	29.81	29.88	30.09	29.72	30.00	29.61	30.05	29.67
Jul.	30.00	29.90	29.95	30.10	29.91	30.00	29.78	30.05	29.87
Aug.	29.97	29.85	29.91	30.17	29.76	30.05	29.63	30.10	29.71
Sep.	30.00	29.85	29.93	30.36	29.80	30.13	29.67	30.26	29.74
Oct.	30.02	29.83	29.93	30.41	29.62	30.28	29.38	30.33	29.56
Nov.	30.26	30.03	30.14	30.59	29.95	30.34	29.66	30.49	29.79
Dec.	30.06	29.83	29.95	30.47	29.71	30.28	29.45	30.36	29.60
Year	30.09	29.89	30.00	30.66	29.62	30.41	29.38	30.55	29.55
Dep	±0.00	+0.01	+0.01	-0.18	+0.06	-0.19	+0.08	-0.18	+0.11

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.	6.6	13.9	1.8	16	29	21	35			
Feb.	8.0	15.2	2.0	16	28	22	36			
Mar.	8.9	14.4	3.4	20	30	25	33			
Apr.	8.4	14.0	3.9	19	29	25	38			
May	6.8	12.7	2.2	15	22	21	31			
Jun.	5.1	10.5	1.7	14	32	20	35			
Jul.	4.7	8.4	2.3	13	23	20	37			
Aug.	5.9	10.0	2.1	13	24	20	29			
Sep.	5.6	11.5	1.7	13	22	20	30			
Oct.	6.4	18.7	1.6	17	33	23	42			
Nov.	6.4	12.5	1.9	16	26	21	31			
Dec.	6.7	12.5	2.3	17	34	23	38			
Year	6.6	18.7	1.6	20	34	25	42			
Dep	+0.3	+2.3	+0.4	+3	+4	-1	-5			