

GLEN ALLEN OBSERVATIONS FOR 2021

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz

1																	
TEMPERATURES AVERAGE AND DEPARTURES										TEMPS MEAN (High & Low)				MAX. TEMPS (High & Low)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2021	MAX.	*	DEP.	MIN.	*	DEP.	MEAN	*	DEP.	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
PAGE	AVE.	YEAR	OF AVE.	AVE.	YEAR	OF AVE.	AVE.	YEAR	OF AVE.	MEAN	MEAN	MAX.	MAX.	MAX.	MAX.	MAX.	MAX.
1	Deg	AVE.	MAX.	Deg	AVE.	MIN.	Deg	AVE.	MEAN	Deg	Date of Mean	Deg	Date of Mean	Deg	Date of Max.	Deg	Date of Min.
MONTH	F	MAX.	° F	F	MIN.	° F	F	MEAN	° F	F	F	F	F	F	F	F	F
	° F	° F		° F	° F		° F	° F									
JAN.	48.38	47.57	0.8	28.70	27.76	0.9	38.54	37.66	0.9	50.5	02	27.4	30	65	02	34	31
FEB.	46.05	52.47	-6.4	30.17	31.06	-0.9	38.11	41.76	-3.7	49.6	24	29.1	21	69	24	31	12
MAR.	63.21	59.57	3.6	39.54	37.77	1.8	51.37	48.67	2.7	74.9	26	36.5	05	86	26	43	16
APR.	71.87	70.73	1.1	45.28	47.33	-2.0	58.58	59.03	-0.5	78.5	29	38.1	02	88	28	48	02
MAY	78.54	78.87	-0.3	51.84	58.17	-6.3	65.19	68.52	-3.3	82.7	26	53.9	12	96	26	59	30
JUN.	86.43	86.17	0.3	66.24	65.72	0.5	76.33	76.06	0.3	84.7	30	66.2	24	96	30	71	12
JUL.	90.15	90.47	-0.3	69.94	70.22	-0.3	80.04	80.27	-0.2	85.9	30	69.1	03	96	01	81	02
AUG.	89.23	87.62	1.6	70.66	68.23	2.4	79.94	77.81	2.1	85.0	13	71.3	07	96	13	74	07
SEP.	82.73	81.68	1.1	61.15	62.42	-1.3	71.94	71.98	0.0	80.2	14	62.8	25	92	13	75	09
OCT.	75.58	71.25	4.3	54.75	50.47	4.3	65.16	60.62	4.5	76.5	05	55.3	18	87	05	64	30
NOV.	59.36	60.41	-1.1	33.78	38.06	-4.3	46.57	49.05	-2.5	65.0	18	35.5	27	78	18	47	23
DEC.	59.25	51.98	7.3	37.49	32.52	5.0	48.37	42.32	6.1	63.3	17	33.7	21	73	17	42	21
TOTAL	850.78	838.79	12.0	589.54	589.72	-0.18	720.16	713.76	6.40	876.6		578.7		1021		669	
NUM.	12	12	12	12	12	12	12	12	12	12		12		12		12	
AVE.			1.0			0.0	60.01	59.48	0.5								
MAX.	90.15	90.47	7.3	70.66	70.22	5.0	80.04	80.27	6.0	85.9	Jul-30	71.3	Jan-30	96	Jun-30	81	Feb-12
MIN.	46.05	47.57	-6.4	28.70	27.76	-6.3	38.11	37.66	-3.7	49.6		27.4		65		31	
* 12 YRS. Ave. for Jan-Jun 13 YRS. Ave. for Jul - Dec										Occurred on more than one date							
MAXIMUM		MINIMUM			AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES			

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2	MIN. TEMPS (High & Low)				TEMPERATURE RANGES				TEMPERATURE (SELECTED)				PRECIP. (DEPARTURES)				
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
2021 PAGE 2 MONTH	HIGH		LOW		TEMP.		TEMP.		TEMP.		# DAYS	# DAYS	# DAYS	# DAYS	PRECIP.	2.5	PRECIP.
	MIN.		MIN.		MAX		MIN.		AVE.		>=90	<=32	>=70	<=32	FOR	YEARS	FOR
	Deg		Deg		RANGE		RANGE		RANGE		MAX.	MAX.	MIN.	MIN.	MONTH	PRECIP.	MONTH
	F		F		Deg		Deg		Deg		Deg	Deg	Deg	Deg	TOTAL	AVE.	DEP.
	Date of High Min.		Date of Low Min.		Date-High Range		Date-Low Range		F		F	F	F	F	INCHES	INCHES	INCHES
JAN.	39	03	15	30	33	21	4	31	19.7	0	0	0	23	3.01	3.31	-0.30	
FEB.	48	28	16	21	39	24	2	12	15.9	0	2	0	22	5.46	3.02	2.44	
MAR.	64	26	23	08	41	10	6	24	23.7	0	0	0	10	4.42	3.46	0.97	
APR.	70	29	25	03	39	04	15	19	26.6	0	0	1	4	2.08	3.45	-1.37	
MAY	70	26	39	13	36	15	9	30	26.7	5	0	1	0	3.48	5.00	-1.52	
JUN.	74	21	53	18	35	18	5	12	20.2	12	0	12	0	4.01	4.92	-0.91	
JUL.	76	13	56	03	27	04	14	08	20.2	20	0	20	0	3.53	4.37	-0.84	
AUG.	76	27	60	05	27	05	6	07	18.6	17	0	23	0	8.97	4.96	4.01	
SEP.	71	22	49	25	30	27	11	17	21.6	3	0	3	0	3.55	3.96	-0.41	
OCT.	67	06	40	19	34	19	5	11	20.8	0	0	0	0	3.50	4.56	-1.06	
NOV.	52	18	21	24	38	09	8	02	25.6	0	0	0	13	0.51	3.62	-3.11	
DEC.	54	17	23	23	32	19	4	30	21.8	0	0	0	15	1.43	4.27	-2.84	
TOTAL	760		421		410		89		261	57	2	60	87	43.95	48.89	-4.94	
NUM.	12		12		12		12		12	12	12	12	12	12	12	12	
AVE.					34.2		7.4		21.8								
MAX.	76	Jul-13	60	Jan-30	41	Mar-10	15	Feb-12	26.7	20	2	23	23	8.97	5.00	4.01	
MIN.	39		15		27		2		15.9	0	0	0	0	0.51	3.02	-3.11	
* 12 YRS. Ave. for Jan-Jun 13 YRS. Ave. for Jul - Dec Occurred on more than one date																	
<div style="display: flex; justify-content: space-between; padding: 5px;"> MAXIMUM MINIMUM AVERAGE OR MEAN DEPARTURES TOTALS DATES </div>																	

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3	PRECIPITATION EXTREMES					PRECIPITATION DAYS				PRECIPITATION INTENSITY				FROZEN PRECIPITATION																												
	36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56	
	2021		PRECIP.		PRECIP.		PRECIP.		PRECIP.		PRECIP.		PRECIP.		PRECIP.		PRECIP.		PRECIP.		FROZEN		Max.		Number		Snow on Ground		DAYS with													
	PAGE		MAX.		MAX.		MAX.		MAX.		MAX.		MAX.		MAX.		MAX.		MAX.		TOTAL		FROZEN		DAYS		MAX.		DAYS		Snowfall											
3		IN		IN		IN		IN		IN		IN		IN		IN		IN		FOR		FOR		>Trace		IN CAL.		ON YARD														
MONTH		Cal. Day		24 HRS.		1 st Day of Max.		2 nd Day of Max.		# DAYS		Cal. Day		Cal. Day		Cal. Day		MT-to-MT		MT-to-MT		MT-to-MT		Day		Max. Snow Day		New		DAY		> TRACE										
INCHES		Day of Max.		INCHES		INCHES		INCHES		INCHES		INCHES		INCHES		INCHES		INCHES		INCHES		INCHES		Snow		INCHES		Date of Max.		DAYS												
JAN.	0.70	31	1.00	Jan 25	Jan '26	8	6	0	0	0.32	03	0.08	31	4.6	4.2	31	2	2.5	31	1																						
FEB.	0.81	07	0.89	Feb. 18	Feb. 19	17	12	0	0	0.39	15	0.07	15	6.9	2.5	12	5	3.1	12	8																						
MAR.	1.15	24	1.17	Mar-23	Mar-24	11	7	2	0	0.48	31	0.17	31	T	T	15	0	0.0	0	0																						
APR.	0.46	24	0.63	04-24	04-25	11	6	0	0	0.26	19	0.06	19	0	0		0	0.0	0	0																						
MAY	1.33	29	1.32	May 28	May 29	9	6	1	0	0.51	04	0.29	04	0.0	0.0		0	0.0	0	0																						
JUN.	1.21	10	2.13	Jun-10	Jun-11	9	8	1	0	1.13	10	0.28	11	0.0	0.0		0	0.0	0	0																						
JUL.	1.07	02	2.13	Jul 01	Jul 02	8	4	3	0	0.50	08	0.18	17	0.0	0.0		0	0.0	0	0																						
AUG.	2.43	07	2.43	07		14	10	4	1	1.18	07	0.28	11	0.0	0.0		0	0.0	0	0																						
SEP.	1.08	16	1.40	09-22	09-23	8	6	1	0	0.99	16	0.28	16	0.0	0.0		0	0.0	0	0																						
OCT.	1.78	29	1.80	Oct 28	Oct 29	10	6	1	0	0.63	25	0.18	29	0.0	0.0		0	0.0	0	0																						
NOV.	0.17	12	0.17	Nov 12		5	3	0	0	0.11	26	0.04	12	0.0	0		0	0.0	0	0																						
DEC.	0.39	11	0.44	17	18	9	5	0	0	0.23	11	0.09	11	T	T	08	0	0.0	0	0																						
TOTAL	12.58		15.51			119	79	13	1	6.73		2.00		11.5			7	5.6		9																						
NUM.	12		12			12	12	12	12	12		12																														
AVE.	1.05	Aug-07	1.29	44415		9.9	6.6	1.1	0.1	0.56	Aug-07	0.17	May-04			Jan-31																										
MAX.	2.43	Aug-07	2.43	44415		17	12	4	1	1.18	Aug-07	0.29	May-04	6.9	4.2	Jan-31	5	3.1	Feb-12	8																						
MIN.	0.17		0.17			5	3	0	0	0.11		0.04		0.0	0.0		0	0.0		0																						
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4	SKY CONDITIONS - SUNRISE TO NOON					SKY CONDITIONS - NOON TO SUNSET							MAX. MIN. REL. HUM.		
57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
2021	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	REL.	REL.	Low RH Days
PAGE	AM	AM	AM	AM	DAYS	PM	PM	PM	PM	DAYS	DAYS	DAYS	HUM.	HUM.	
4	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	AVE	AVE	HIGH	LOW	
MONTH	MONTH	MONTH	CLOUD	MADE	MONTH	MONTH	MONTH	CLOUD	MADE	0=CLEAR	DEP.	MAX.	MIN.		
MONTH	0-33%	34-66%	67-100%	COVER	DAYS	0-33%	34-66%	67-100%	COVER	DAYS	2=CLOUDY	Units 0 - 2	%	%	
JAN.	13	5	13	1.00	31	12	5	14	1.06	31	1.03	-0.10	100	27	09
FEB.	4	6	18	1.50	28	8	3	17	1.32	28	1.41	0.20	100	19	04
MAR.	17	3	11	0.81	31	15	2	14	0.97	31	0.89	-0.30	100	15	10
APR.	17	4	9	0.73	30	10	9	11	1.03	30	0.88	-0.17	100	23	03
MAY	11	5	15	1.13	31	8	12	11	1.10	31	1.11	-0.06	99	22	01
JUN.	13	3	14	1.03	30	6	10	14	1.27	30	1.15	0.14	99	28	17
JUL.	14	10	7	0.77	31	4	14	13	1.29	31	1.03	0.05	99	42	23
AUG.	17	4	10	0.77	31	8	13	10	1.06	31	0.92	-0.17	100	35	24
SEP.	16	5	9	0.77	30	14	8	8	0.80	30	0.78	-0.30	99	39	06
OCT.	9	7	15	1.19	31	7	6	18	1.35	31	1.27	0.26	100	37	18
NOV.	13	8	9	0.87	30	17	6	7	0.67	30	0.77	-0.21	99	30	25
DEC.	10	7	14	1.13	31	10	5	16	1.19	31	1.16	0.02	100	29	26
TOTAL	154	67	144	12	365	119	93	153	13	365	12.41		1195	346	
NUM.	12	12	12	12		12	12	12	12		12		12	12	
AVE.	12.8	5.6	12.0	0.98		9.9	7.8	12.8	1.09		1.03		99.6	28.8	
MAX.	17	10	18	1.50		17	14	18	1.35		1.41		100	42	
MIN.	4	3	7	0.73		4	2	7	0.67		0.77		99	15	Mar-10
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5	AVE. REL. HUMIDITY			WIND RUN				WIND SPEED			MAX. MIN. BAROMETER					
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87		
2021 PAGE 5 MONTH	REL.	REL.	REL.	WIND	WIND	WIND	Day of Max.	WIND	WIND	Day of Max.	BARO.	Day of Max.	BARO.	Day of Min.		
	HUM.	HUM.	HUM.	RUN	RUN	RUN		AVE.	MAX.		MAX.		MIN.			
	AVE	AVE.	AVE.	MONTH	DAILY	DAILY		DAILY	DAILY		DAILY		FOR			
	MAX	MIN	DAY	TOTAL	AVE.	MAX.		GUST	GUST		MONTH		MONTH			
	%	%	%	MILES	MILES	MILES		MPH	MPH		INCHES		INCHES			
JAN.	91.8	49.8	70.8	1903.9	61.4	138.2	28	15.8	26	28	30.48	01	29.54	16		
FEB.	91.7	57.8	74.7	2046.9	75.8	121.0	05	16.7	24	07	30.65	21	29.57	02		
MAR.	86.0	40.9	63.4	2650.7	85.5	186.6	19	19.3	35	28	30.60	20	29.58	18		
APR.	89.1	38.8	63.9	2306.6	76.9	144.6	08	18.6	29	30	30.51	03	29.45	11		
MAY	91.1	43.0	67.0	1899.4	61.3	136.5	02	15.8	28	04	30.54	21	29.68	05		
JUN.	94.6	54.2	74.4	2013.4	67.1	104.2	03	16.1	23	03	30.38	24	29.63	21		
JUL.	94.3	53.2	73.7	2034.9	65.6	126.2	12	15.6	22	14	30.23	13	29.75	08		
AUG.	97.3	59.3	78.3	1426.1	46.0	102.6	18	15.5	33	13	30.22	06	29.78	31		
SEP.	96.6	54.4	75.5	1746.9	58.2	120.6	22	15.7	34	22	30.29	20	29.52	01		
OCT.	97.7	60.9	79.3	1620.0	52.3	112.0	10	15.5	30	16	30.33	06	29.42	29		
NOV.	91.3	42.6	67.0	1625.9	54.2	142.3	18	16.5	26	18	30.60	20	29.77	26		
DEC.	90.1	51.4	70.7	2063.6	66.6	172.0	25	15.3	29	11	30.59	14	29.60	25		
TOTAL	1111	606	859	23338	771	1607		196	339		365.42		355.29			
NUM.	12	12	12	12	12	12		12	12		12		12			
AVE.	92.6	50.5	71.6	1944.9	64.2	133.9		16.4	28		30.45		29.61			
MAX.	97.7	60.9	79.3	2650.7	85.5	186.6	Mar-19	19.3	35	Mar-28	30.65	Feb-21	29.78	Oct-29		
MIN.	86.0	38.8	63.4	1426.1	46.0	102.6		15.3	22.0		30.22		29.42			
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6	AVERAGE BAROMETER					WEATHER CONDITION DAYS													
88	89	90	91	92	93	94	95	96	97	98	99	100	101						
2021 PAGE 6 MONTH MONTH	BARO.	BARO.	BARO.	*	BARO.	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST	HAIL						
	MAX.	MIN.	MEAN	Normal	DEP.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.						
	AVE.	AVE.	BAR.	Ave. Bar.	OF AVE.	Num.	Num.	Num.	Num.	Num.	Num.	Num.	Num.						
	MONTH	MONTH	MONTH	MONTH	MEAN	of	of	of	of	of	of	of	of						
	INCHES	INCHES	INCHES	INCHES	INCHES	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS						
JAN.	30.17	29.94	30.056	30.096	-0.040	1	1	3	5	0	2	16	0						
FEB.	30.24	29.98	30.109	30.065	0.044	3	5	8	2	0	2	7	0						
MAR.	30.29	30.06	30.171	30.070	0.101	0	2	1	4	2	9	7	0						
APR.	30.06	29.85	29.956	29.993	-0.037	0	0	0	1	2	14	5	0						
MAY	30.20	30.02	30.113	30.014	0.099	0	0	0	1	2	22	0	0						
JUN.	30.10	29.96	30.035	29.953	0.082	0	0	0	1	4	18	0	0						
JUL.	30.07	29.94	30.004	29.980	0.023	0	0	0	0	4	20	0	0						
AUG.	30.10	29.99	30.037	29.996	0.041	0	0	0	1	11	19	0	0						
SEP.	30.10	29.95	30.028	30.059	-0.031	0	0	0	0	6	23	0	0						
OCT.	30.08	29.92	29.997	30.057	-0.060	0	0	0	2	2	23	0	0						
NOV.	30.25	30.04	30.144	30.133	0.011	0	0	0	0	0	12	10	0						
DEC.	30.21	29.94	30.071	30.109	-0.038	0	2	0	1	0	11	8	0						
TOTAL	361.87	359.59	360.720	360.525	0.195	4	10	12	18	33	175	53	0						
NUM.	12	12	12	12	12	12	12	12	12	12	12	12	12						
AVE.	30.16	29.97	30.060	30.044	0.016	0.3	0.8	1.0	1.5	2.8	14.6	4.4	0.0						
MAX.	30.29	30.06	30.171	30.133	0.101	3	5	8	5	11	23	16	0						
MIN.	30.06	29.85	29.956	29.953	-0.060	0	0	0	0	0	2	0	0						
* 12 YRS. Ave. for Jan-Jun 13 YRS. Ave. for Jul - Dec																			
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%; background-color: #f8d7da;">MAXIMUM</td> <td style="width: 20%; background-color: #d1ecf1;">MINIMUM</td> <td style="width: 20%; background-color: #d4edda;">AVERAGE OR MEAN</td> <td style="width: 20%; background-color: #d1c4e9;">DEPARTURES</td> <td style="width: 20%; background-color: #d6d8db;">TOTALS</td> <td style="width: 20%; border: 1px solid black;">DATES</td> </tr> </table>														MAXIMUM	MINIMUM	AVERAGE OR MEAN	DEPARTURES	TOTALS	DATES
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