

GLEN ALLEN OBSERVATIONS FOR 2017

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
2017	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	MEAN	MEAN	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	Date of Mean	F	Date of Mean	F	Date of Max.	F	Date of Min.
	° F	° F		° F	° F		° F	° F									
JAN.	50.65	46.55	4.1	33.23	26.75	6.5	41.94	36.65	5.3	61.1	12	14.2	09	72	12	26	09
FEB.	61.82	50.25	11.6	36.66	28.88	7.8	49.24	39.56	9.7	66.3	08	30.6	04	83	12	37	03
MAR.	59.70	59.83	-0.1	37.93	37.77	0.2	48.81	48.80	0.0	69.0	01	29.6	15	80	01	39	15
APR.	75.32	70.49	4.8	53.97	46.99	7.0	64.64	58.74	5.9	81.0	29	47.2	07	89	29	55	07
MAY	76.21	78.57	-2.4	55.92	57.98	-2.1	66.07	68.28	-2.2	81.7	19	51.8	12	94	17	54	12
JUN.	85.63	86.40	-0.8	64.72	65.81	-1.1	75.18	76.25	-1.1	83.1	24	62.5	08	93	12	71	08
JUL.	91.25	90.00	1.3	70.90	69.78	1.1	81.08	79.89	1.2	87.1	13	69.2	29	99	22	74	29
AUG.	86.32	87.38	-1.1	66.74	67.84	-1.1	76.53	77.61	-1.1	84.4	18	65.5	29	94	18	68	29
SEP.	80.63	81.27	-0.6	60.44	61.96	-1.5	70.53	71.61	-1.1	79.4	27	59.3	10	90	24	65	02
OCT.	74.65	70.27	4.4	52.36	49.18	3.2	63.50	59.73	3.8	79.6	09	50.2	30	86	06	59	30
NOV.	60.20	60.35	-0.1	37.29	38.03	-0.7	48.75	49.19	-0.4	68.7	03	32.8	11	82	03	41	11
DEC.	48.87	52.48	-3.6	29.52	33.08	-3.6	39.20	42.78	-3.6	58.5	23	20.4	28	68	23	26	31
TOTAL	851.24	833.83	17.4	599.68	584.06	15.62	725.46	709.09	16.37	899.7		533.0		1030		615	
NUM.	12	12	12	12	12	12	12	12	12	12		12		12		12	
AVE.			1.5			1.3	60.45	59.09	1.4								
MAX.	91.25	90.00	11.6	70.90	69.78	7.8	81.08	79.89	9.7	87.1	Jul-13	69.2	Jan-09	99	Jul-22	74	Jan-09
MIN.	48.87	46.55	-3.6	29.52	26.75	-3.6	39.20	36.65	-3.6	58.5		14.2		68		26	
* 8 YR. Ave. for Jan-Jun 9 YR. Ave. for Jul - Dec Occurred on more than one date																	
MAXIMUM			MINIMUM			AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES		

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West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																
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
2017 PAGE 2 MONTH	HIGH		LOW		TEMP. MAX RANGE		TEMP. MIN. RANGE		TEMP. AVE.	# DAYS >=90	# DAYS <=32	# DAYS >=70	# DAYS <=32	PRECIP. FOR MONTH TOTAL	2.5 YEARS PRECIP. AVE. INCHES	PRECIP. FOR MONTH DEP. INCHES
	MIN. Deg F	Date of H. Min.	MIN. Deg F	Date of L. Min.	Deg F	Date-H.Range	Deg F	Date-L.Range	Deg F	Deg F	Deg F	Deg F	Deg F	INCHES	INCHES	INCHES
JAN.	50	12	3	08	38	31	2	22	17.4	0	3	0	11	4.63	3.23	1.40
FEB.	57	08	19	04	42	18	9	03	25.2	0	0	0	12	0.54	2.88	-2.34
MAR.	60	28	20	15	35	24	12	30	21.8	0	0	0	14	2.78	3.78	-1.00
APR.	73	29	32	08	37	09	6	24	21.3	0	0	2	1	3.40	3.26	0.14
MAY	72	19	38	09	38	14	3	12	20.3	2	0	3	0	5.83	4.56	1.28
JUN.	77	24	53	09	32	03	9	05	20.9	5	0	7	0	4.77	4.07	0.70
JUL.	78	13	57	30	29	31	9	29	20.4	21	0	24	0	4.11	4.34	-0.23
AUG.	75	18	58	28	29	06	6	29	19.6	9	0	10	0	3.18	4.12	-0.94
SEP.	71	27	48	10	30	24	10	02	20.2	1	0	1	0	2.75	4.01	-1.26
OCT.	74	08	38	18	34	20	6	13	22.3	0	0	4	0	5.82	3.50	2.32
NOV.	59	02	25	11	37	25	4	08	22.9	0	0	0	11	1.50	3.82	-2.32
DEC.	49	23	14	28	29	18	2	09	19.4	0	2	0	20	0.99	4.54	-3.55
TOTAL	796		402		410		79		252	38	5	51	69	40.30	46.11	-5.81
NUM.	12		12		12		12		12	12	12	12	12	12	12	12
AVE.		Jul-13		Jan-08	34.2		6.6		21.0							
MAX.	78		58		42		12		25.2	21	3	24	20	5.83	4.56	2.32
MIN.	49		3		29		2		17.4	0	0	0	0	0.54	2.88	-3.55
* 8 YR. Ave. for Jan-Jun 9 YR. Ave. for Jul - Dec Occurred on more than one date																
MAXIMUM			MINIMUM		AVERAGE OR MEAN				DEPARTURES				TOTALS		DATES	

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West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																				
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
2017 PAGE 3 MONTH	PRECIP.		PRECIP.			PRECIPITATION				PRECIP.		PRECIP.		FROZEN	Max.		Number	Snow on Ground		DAYS with
	MAX. IN Cal. Day	Day of Max.	MAX. IN 24 HRS.	1 st Day of Max.	2 nd Day of Max.	# DAYS >Trace DURING MONTH	Cal. Day INCHES DAYS	Cal. Day INCHES DAYS	Cal. Day INCHES DAYS	MAX IN 1 HR. MT-to-MT INCHES	Day of Max.	MAX IN 5 MIN. MT-to-MT INCHES	Day of Max.	TOTAL FOR MONTH INCHES	FROZEN FOR Day INCHES	Max. Snow Day Max. Snow Day INCHES	DAYS >Trace New Snow	MAX. IN CAL. DAY INCHES	Date of Max. Date of Max. DAY	Snowfall ON YARD > TRACE DAYS
JAN.	1.35	23	1.36	Jan 22	Jan 23	14	9	1	0	0.52	23	0.10	23	6.6	6.5	07	2	6.0	07	4
FEB.	0.29	15	0.29	Feb 15		6	1	0	0	0.13	15	0.02	12	T	T	16	0	0.0		0
MAR.	1.03	31	1.13	Mar-13	Mar-14	12	6	1	0	0.31	31	0.06	31	T	T	03	0	0.0		0
APR.	0.90	06	0.90	Apr 06		12	9	0	0	0.44	06	0.18	28	0	0		0	0.0		0
MAY	1.39	05	1.60	May 04	May 05	15	12	1	0	0.80	05	0.25	05	0.0	0.0		0	0.0		0
JUN.	1.93	16	1.99	Jun-16	Jun-17	6	5	2	0	1.40	16	0.22	16	0.0	0.0		0	0.0		0
JUL.	1.76	05	1.76	Jul 05		6	5	2	0	0.74	23	0.22	23	0.0	0.0		0	0.0		0
AUG.	0.71	29	0.86	Aug 07	Aug 08	11	9	0	0	0.41	18	0.19	18	0.0	0.0		0	0.0		0
SEP.	1.73	01	2.04	Sep 01	Sep 02	9	3	1	0	0.68	01	0.12	01	0.0	0.0		0	0.0		0
OCT.	1.91	11	2.30	Oct-11	Oct. 12	10	6	3	0	1.05	24	0.23	11	0.0	0.0		0	0.0		0
NOV.	0.52	13	0.65	Nov 12	Nov 13	10	4	0	0	0.19	22	0.04	22	0	0		0	0.0		0
DEC.	0.56	08	0.69	Dec 08	Dec 09	6	3	0	0	0.22	08	0.09	23	5.3	3.8	08	3	4.0		3
TOTAL	14.08		15.57			117	72	11	0	6.89		1.72		11.9			5	10.0		7
NUM.	12		12			12	12	12	12	12		12								
AVE.	1.17	Jun-16	1.30			9.8	6.0	0.9	0.0	0.57	Jun-16	0.14				Jan-07				
MAX.	1.93	Jun-16	2.30			15	12	3	0	1.40	Jun-16	0.25	May-05	6.6	6.5	Jan-07	3	6.0	Jan-07	4
MIN.	0.29		0.29			6	1	0	0	0.13		0.02		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		
2017	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	REL.	REL.	Low RH Day/s		
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	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.	2	6	23	1.68	31	5	3	23	1.58	31	1.63	0.54	100	25	26		
FEB.	8	4	16	1.29	28	10	3	15	1.18	28	1.23	0.09	98	19	13		
MAR.	11	3	17	1.19	31	11	9	11	1.00	31	1.10	-0.08	99	15	09		
APR.	10	6	14	1.13	30	8	12	10	1.07	30	1.10	0.10	100	21	09		
MAY	11	4	16	1.16	31	11	6	14	1.10	31	1.13	-0.14	100	25	15		
JUN.	15	4	11	0.87	30	9	8	13	1.13	30	1.00	0.02	99	31	26		
JUL.	11	10	10	0.97	31	7	14	10	1.10	31	1.03	0.02	98	34	03		
AUG.	12	6	13	1.03	31	6	13	12	1.19	31	1.11	0.05	98	39	05		
SEP.	14	6	10	0.87	30	11	7	12	1.03	30	0.95	0.95	99	40	08		
OCT.	15	5	11	0.87	31	13	5	13	1.00	31	0.94	-0.06	99	34	17		
NOV.	15	3	12	0.90	30	12	5	13	1.03	30	0.97	-0.02	98	30	27		
DEC.	12	2	17	1.16	31	10	3	18	1.26	31	1.21	0.09	98	31	31		
TOTAL	136	59	170	13	365	113	88	164	14	365	13.39		1186	344	Mar-09		
NUM.	12	12	12	12		12	12	12	12		12		12	12			
AVE.	11.3	4.9	14.2	1.09		9.4	7.3	13.7	1.14		1.12		98.8	28.7			
MAX.	15	10	23	1.68		13	14	23	1.58		1.63		100	40			
MIN.	2	2	10	0.87		5	3	10	1.00		0.94		98	15			
* 8 YR. Ave. for Jan-Jun						9 YR. Ave. for Jul - Dec						Occurred on more than one date					
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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
2017 PAGE 5 MONTH	REL. HUM. AVE MAX %	REL. HUM. AVE. MIN %	REL. HUM. AVE. DAY %	WIND RUN MONTH TOTAL MILES	WIND RUN DAILY AVE. MILES	WIND RUN DAILY MAX. MILES	Day of Max.	WIND AVE. DAILY GUST MPH	WIND MAX. DAILY GUST MPH	Day of Max.	BARO. MAX. FOR MONTH INCHES	Day of Max.	BARO. MIN. FOR MONTH INCHES	Day of Min.
JAN.	89.5	53.2	71.4	2010.8	64.9	194.8	12	18.9	33	12	30.85	09	29.29	23
FEB.	84.2	36.4	60.3	1623.2	58.0	204.3	07	20.3	36	07	30.56	04	29.42	08
MAR.	79.9	36.7	58.3	2438.8	78.7	186.4	01	22.5	46	01	30.74	05	29.55	14
APR.	88.8	47.9	68.4	2395.1	79.8	147.0	25	21.7	33	06	30.43	19	29.26	06
MAY	94.0	55.3	74.6	1806.4	58.3	182.3	01	17.6	34	01	30.31	21	29.36	05
JUN.	91.8	50.0	70.9	1664.5	55.5	143.0	19	19.0	38	19	30.20	28	29.61	24
JUL.	89.3	46.2	67.7	1357.4	43.8	114.7	29	16.0	25	29	30.20	26	29.58	29
AUG.	93.8	52.0	72.9	1061.9	36.6	130.4	29	14.0	25	07	30.24	27	29.75	18
SEP.	94.7	56.9	75.8	1687.6	56.3	109.3	05	15.2	22	05	30.41	10	29.77	05
OCT.	95.2	57.0	76.1	1752.1	56.5	135.0	09	15.5	27	09	30.60	03	29.24	29
NOV.	92.8	53.4	73.1	1774.9	59.2	161.9	18	15.2	29	19	30.65	11	29.42	19
DEC.	85.8	50.1	68.0	2083.4	67.2	170.0	23	16.2	31	23	30.70	28	29.53	12
TOTAL	1080	595	837	21656	715	1879		212	379		365.89		353.78	
NUM.	12	12	12	12	12	12		12	12		12		12	
AVE.	90.0	49.6	69.8	1804.7	59.6	156.6		17.7	32		30.49		29.48	
MAX.	95.2	57.0	76.1	2438.8	79.8	204.3	Feb-07	22.5	46	Mar-01	30.85	Jan-09	29.77	Oct-29
MIN.	79.9	36.4	58.3	1061.9	36.6	109.3		14.0	22.0		30.20		29.24	
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6	AVERAGE BAROMETER					WEATHER CONDITION DAYS							
88	89	90	91	92	93	94	95	96	97	98	99	100	101
2017 PAGE 6 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.	30.19	29.93	30.06	30.07	-0.01	0	0	4	3	1	8	3	0
FEB.	30.15	29.87	30.01	30.04	-0.03	0	0	1	0	2	9	7	0
MAR.	30.30	30.03	30.16	30.05	0.11	2	2	4	0	1	3	8	0
APR.	30.11	29.90	30.01	30.00	0.01	0	0	0	0	5	11	1	1
MAY	29.99	29.80	29.89	30.03	-0.14	0	0	0	3	3	11	1	1
JUN.	30.02	29.89	29.95	29.95	0.00	0	0	0	3	3	21	0	0
JUL.	30.02	29.89	29.96	29.98	-0.02	0	0	0	0	7	23	0	0
AUG.	30.09	29.95	30.01	29.99	0.02	0	0	0	0	2	22	0	0
SEP.	30.10	29.97	30.04	30.05	-0.01	0	0	0	3	0	21	0	0
OCT.	30.21	30.02	30.11	30.04	0.07	0	0	0	3	2	20	2	0
NOV.	30.25	30.05	30.15	30.13	0.02	0	0	0	6	0	14	11	0
DEC.	30.25	30.00	30.12	30.11	0.01	0	1	4	2	0	5	7	0
TOTAL	361.69	359.30	360.48	360.44	0.03	2	3	13	23	26	168	40	2
NUM.	12	12	12	12	12	12	12	12	12	12	12	12	12
AVE.	30.14	29.94	30.04	30.04	0.00	0.2	0.3	1.1	1.9	2.2	14.0	3.3	0.2
MAX.	30.30	30.05	30.16	30.13	0.11	2	2	4	6	7	23	11	1
MIN.	29.99	29.80	29.89	29.95	-0.14	0	0	0	0	0	3	0	0
* 8 YR. Ave. for Jan-Jun 9 YR. Ave. for Jul - Dec													
MAXIMUM	MINIMUM	AVERAGE OR MEAN					DEPARTURES					TOTALS	DATES