

# GLEN ALLEN OBSERVATIONS FOR 2018

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	
2018	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	Deg	Deg	Deg	Deg	Deg	Deg	Deg	
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	° F	° F	° F	° F		° F		° F		° F		
JAN.	47.43	47.01	0.4	24.14	27.47	-3.3	35.78	37.24	-1.5	64.3	12	12.7	07	73	23	24	06	
FEB.	57.34	51.53	5.8	37.02	29.74	7.3	47.18	40.64	6.5	70.7	21	25.5	03	80	21	35	04	
MAR.	53.57	59.81	-6.2	32.32	37.79	-5.5	42.95	48.80	-5.9	65.6	29	33.4	21	82	29	36	21	
APR.	67.83	71.02	-3.2	43.49	47.76	-4.3	55.66	59.39	-3.7	72.6	14	41.7	08	85	13	49	09	
MAY	84.41	78.31	6.1	62.94	57.75	5.2	73.68	68.03	5.6	80.3	27	62.5	01	93	12	74	07	
JUN.	86.16	86.32	-0.2	66.62	65.69	0.9	76.39	76.14	0.2	85.5	19	66.0	11	97	19	70	11	
JUL.	88.06	90.12	-2.1	68.73	69.89	-1.2	78.40	80.01	-1.6	86.5	03	69.2	08	97	02	74	21	
AUG.	89.61	87.27	2.3	69.35	67.73	1.6	79.48	77.50	2.0	86.0	29	68.8	23	97	28	79	23	
SEP.	83.59	81.20	2.4	67.97	61.81	6.2	75.78	71.51	4.3	84.8	04	64.1	23	96	03	67	23	
OCT.	72.00	70.71	1.3	51.85	49.50	2.3	61.92	60.10	1.8	79.1	07	44.2	25	91	04	53	26	
NOV.	55.22	60.33	-5.1	37.25	37.96	-0.7	46.24	49.14	-2.9	68.5	02	31.8	23	73	01	36	23	
DEC.	51.42	52.12	-0.7	31.68	32.73	-1.1	41.55	42.42	-0.9	58.8	21	31.0	09	69	21	33	09	
TOTAL	836.65	835.76	0.9	593.34	585.83	7.52	715.00	710.93	4.07	902.3		550.6		1032		630		
NUM.	12	12	12	12	12	12	12	12	12	12		12		12		12		
AVE.			0.1			0.6	59.58	59.24	0.3									
MAX.	89.61	90.12	6.1	69.35	69.89	7.3	79.48	80.01	6.5	86.5	Jul-03	69.2	Jan-07	97	Jul-02	79	Jan-06	
MIN.	47.43	47.01	-6.2	24.14	27.47	-5.5	35.78	37.24	-5.9	58.8		12.65		69		24		
	* 9 YR. Ave. for Jan-Jun 10 YR. Ave. for Jul - Dec									Occurred on more than one date								
	MAXIMUM			MINIMUM			AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES		

# GLEN ALLEN OBSERVATIONS FOR 2018

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

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
2018 PAGE 2 MONTH	HIGH		LOW		TEMP.	TEMP.		TEMP.	# DAYS	# DAYS	# DAYS	# DAYS	PRECIP.	2.5	PRECIP.	
	MIN.	Date of High Min.	MIN.	Date of Low Min.	MAX	MIN.	Date-Low Range	AVE.	>=90	<=32	>=70	<=32	FOR	YEARS	FOR	
	Deg	F	Deg	F	RANGE	RANGE	Deg	Deg	MAX.	MAX.	MIN.	MIN.	MONTH	PRECIP.	MONTH	
	F	Date of High Min.	F	Date of Low Min.	Deg	Deg	Deg	Deg	Deg	Deg	Deg	Deg	Deg	TOTAL	AVE.	DEP.
	F	Date of High Min.	F	Date of Low Min.	F	F	F	F	F	F	F	F	F	INCHES	INCHES	INCHES
JAN.	58	12	-1	07	36	13	8	28	23.3	0	7	0	21	2.91	3.39	-0.48
FEB.	61	21	13	03	36	02	4	04	20.3	0	0	0	10	3.51	2.62	0.89
MAR.	51	01	23	14	33	29	4	01	21.3	0	0	0	18	2.62	3.67	-1.05
APR.	63	14	30	08	38	30	5	24	24.3	0	0	0	2	3.52	3.28	0.24
MAY	73	30	41	01	43	01	10	30	21.5	4	0	6	0	11.82	4.70	7.12
JUN.	74	19	57	04	26	04	8	11	19.5	8	0	9	0	8.43	4.15	4.28
JUL.	77	03	56	09	31	09	5	30	19.3	13	0	17	0	4.71	4.32	0.39
AUG.	76	29	56	24	28	24	11	03	20.3	18	0	21	0	4.39	4.03	0.36
SEP.	74	04	57	29	23	19	5	17	15.6	6	0	14	0	8.54	3.88	4.66
OCT.	71	08	31	22	31	23	9	05	20.2	1	0	3	1	6.41	3.74	2.67
NOV.	65	02	22	29	32	20	3	09	18.0	0	0	0	11	6.12	3.59	2.53
DEC.	49	21	20	11	32	20	3	01	19.7	0	0	0	18	4.51	4.18	0.33
TOTAL	792		403		389		76		243	50	7	70	81	67.49	45.53	21.96
NUM.	12		12		12		12		12	12	12	12	12	12	12	12
AVE.					32.5		6.4		20.3							
MAX.	77	Jul-03	57	Jan-07	43	May-01	11	Dec-01	24.3	18	7	21	21	11.82	4.70	7.12
MIN.	49		-1		23		3		15.6	0	0	0	0	2.62	2.62	-1.05
* 9 YR. Ave. for Jan-Jun 10 YR. Ave. for Jul - Dec									Occurred on more than one date							
MAXIMUM		MINIMUM		AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES			

# GLEN ALLEN OBSERVATIONS FOR 2018

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		
2018 PAGE 3 MONTH	PRECIP. MAX. IN Cal. Day INCHES		PRECIP. MAX. IN 24 HRS. INCHES			PRECIPITATION # DAYS >Trace DURING MONTH				PRECIP. MAX IN 1 HR. MT-to-MT INCHES		PRECIP. MAX IN 5 MIN. MT-to-MT INCHES		FROZEN TOTAL FOR MONTH INCHES	Max. FROZEN FOR Day INCHES		Number DAYS New Snow	Snow on Ground MAX. IN CAL. DAY INCHES		DAYS with Snowfall ON YARD > TRACE DAYS		
	Day of Max.		1 <sup>st</sup> Day of Max. 2 <sup>nd</sup> Day of Max.			Cal. Day Cal. Day Cal. Day INCHES				Day of Max.		Day of Max.		INCHES	Max. Snow Day		Snow	Date of Max.		DAYS		
	12		Jan 28 Jan 29			7 0 0				12		12		4.2	2.2		17	4		2.0	17	6
	10		Feb. 09 Feb. 10			8 1 0				10		10		0	0		0	0		0	0	0
JAN.	0.76	12	0.89	Jan 28	Jan 29	11	7	0	0	0.19	12	0.10	12	4.2	2.2	17	4	2.0	17	6		
FEB.	1.06	10	1.45	Feb. 09	Feb. 10	14	8	1	0	0.40	10	0.12	10	0	0	0	0	0.0	0	0		
MAR.	0.92	20	0.98	Mar-20	Mar-21	9	5	0	0	0.32	20	0.03	20	6.2	3.9	21	2	2.5	21	2		
APR.	1.09	24	1.36	Apr 24	Apr 25	8	5	2	0	0.74	16	0.20	16	0.5	0.5	07	1	0.0	0	0		
MAY	5.09	18	6.10	May 17	May 18	14	10	3	1	1.83	18	0.17	10	0.0	0.0	0	0	0.0	0	0		
JUN.	3.08	02	3.87	Jun-02	Jun-03	12	9	2	1	2.63	02	0.53	02	0.0	0.0	0	0	0.0	0	0		
JUL.	1.15	21	1.23	Jul 21	Jul 22	12	11	1	0	0.78	25	0.25	17	0.0	0.0	0	0	0.0	0	0		
AUG.	2.73	12	2.73	Aug 12		18	6	1	1	2.49	12	0.50	12	0.0	0.0	0	0	0.0	0	0		
SEP.	3.03	17	3.03	Sep 17		18	13	2	1	1.05	17	0.30	17	0.0	0.0	0	0	0.0	0	0		
OCT.	4.03	11	4.03	Oct-11		9	5	2	1	2.17	11	0.28	11	0.0	0.0	0	0	0.0	0	0		
NOV.	1.56	05	1.64	Nov 05	Nov 06	12	8	2	0	0.68	05	0.08	05	0	0	0	0	0.0	0	0		
DEC.	1.75	28	1.76	Dec 27	Dec 28	12	9	2	0	0.41	28	0.09	28	12.0	11.9	09	2	9.0	10	6		
TOTAL	26.25		29.07			149	96	18	5	13.69		2.65		22.9			9	13.5		14		
NUM.	12		12			12	12	12	12	12		12					4	9.0		6		
AVE.	2.19	May-18	2.42			12.4	8.0	1.5	0.4	1.14	Jun-02	0.22	Jun-02				4	9.0	Dec-10			
MAX.	5.09	May-18	6.10			18	13	3	1	2.63	Jun-02	0.53	Jun-02	12.0	11.9	Dec-09	4	9.0	Dec-10	6		
MIN.	0.76		0.89			8	5	0	0	0.19		0.03		0.0	0.0		0	0.0		0		
* 9 YR. Ave. for Jan-Jun						10 YR. Ave. for Jul - Dec				Occurred on more than one date												

MAXIMUM

MINIMUM

AVERAGE OR MEAN

DEPARTURES

TOTALS

DATES

# GLEN ALLEN OBSERVATIONS FOR 2018

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz															
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
2018	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.	14	4	13	0.97	31	11	7	13	1.06	31	1.02	-0.13	98	18	19
FEB.	4	2	22	1.64	28	8	0	20	1.43	28	1.54	0.39	100	30	03
MAR.	13	4	14	1.03	31	12	3	16	1.13	31	1.08	-0.09	98	23	15
APR.	10	2	18	1.27	30	12	4	14	1.07	30	1.17	0.16	100	20	30
MAY	11	4	16	1.16	31	9	5	17	1.26	31	1.21	0.05	100	18	01
JUN.	6	12	12	1.20	30	6	12	12	1.20	30	1.20	0.22	99	41	15
JUL.	9	9	13	1.13	31	7	9	15	1.26	31	1.19	0.18	100	35	14
AUG.	14	6	11	0.90	31	4	10	17	1.42	31	1.16	0.10	100	45	23
SEP.	8	4	18	1.33	30	4	8	18	1.47	30	1.40	0.34	100	54	03
OCT.	13	3	15	1.06	31	11	6	14	1.10	31	1.08	0.10	100	40	17
NOV.	14	2	14	1.00	30	12	2	16	1.13	30	1.07	0.09	100	38	10
DEC.	7	6	18	1.35	31	8	5	18	1.32	31	1.34	0.21	100	44	24
TOTAL	123	58	184	14	365	104	71	190	15	365	14.45		1195	406	Jan-19
NUM.	12	12	12	12		12	12	12	12		12		12	12	
AVE.	10.3	4.8	15.3	1.17		8.7	5.9	15.8	1.24		1.20		99.6	33.8	
MAX.	14	12	22	1.64		12	12	20	1.47		1.54		100	54	
MIN.	4	2	11	0.90		4	0	12	1.06		1.02		98	18	
* 9 YR. Ave. for Jan-Jun 10 YR. Ave. for Jul - Dec															
Occurred on more than one date															
MAXIMUM		MINIMUM		AVERAGE OR MEAN		DEPARTURES		TOTALS		DATES					

# GLEN ALLEN OBSERVATIONS FOR 2018

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

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz															
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	
2018 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.	87.3	46.4	66.8	2680.8	86.5	176.2	13	18.3	31	23	30.73	07	29.48	13
	FEB.	93.8	60.6	77.2	2444.0	87.3	178.2	15	18.8	36	11	30.81	13	29.69	07
	MAR.	88.0	44.2	66.1	3034.4	97.9	237.2	02	20.7	43	02	30.67	26	29.48	01
	APR.	87.3	43.6	65.5	3162.0	105.4	214.1	13	22.2	40	14	30.49	21	29.45	16
MAY	93.9	57.4	75.6	2337.9	75.4	159.9	03	18.0	47	14	30.23	01	29.82	06	
JUN.	96.5	60.5	78.5	1487.0	49.6	125.2	03	15.1	32	19	30.22	12	29.69	02	
JUL.	95.9	57.7	76.8	1688.3	54.5	103.2	07	15.4	32	22	30.35	08	29.70	21	
AUG.	97.5	59.6	78.5	1607.4	51.9	124.0	01	15.4	28	02	30.30	25	29.80	22	
SEP.	98.1	73.5	85.8	1823.4	60.8	131.2	14	14.7	23	17	30.37	30	29.76	18	
OCT.	96.7	61.3	79.0	1857.9	59.9	146.0	11	16.7	38	11	30.46	18	29.36	11	
NOV.	94.5	58.1	76.3	1854.6	61.8	159.5	02	15.5	32	02	30.60	23	29.49	26	
DEC.	96.1	62.6	79.3	1775.5	57.3	148.1	21	15.0	32	21	30.61	27	29.18	21	
TOTAL	1126	686	906	25753	848	1903		206	414		365.84		354.90		
NUM.	12	12	12	12	12	12		12	12		12		12		
AVE.	93.8	57.1	75.5	2146.1	70.7	158.6		17.1	35		30.49		29.58		
MAX.	98.1	73.5	85.8	3162.0	105.4	237.2	Mar-02	22.2	47	May-14	30.81	Feb-13	29.82	Dec-21	
MIN.	87.3	43.6	65.5	1487.0	49.6	103.2		14.7	23.0		30.22		29.18		
* 9 YR. Ave. for Jan-Jun				10 YR. Ave. for Jul - Dec				Occurred on more than one date							
MAXIMUM		MINIMUM		AVERAGE OR MEAN		DEPARTURES		TOTALS		DATES					

# GLEN ALLEN OBSERVATIONS FOR 2018

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

6	AVERAGE BAROMETER					WEATHER CONDITION DAYS							
	88	89	90	91	92	93	94	95	96	97	98	99	100
2018	BARO.	BARO.	BARO.	*	BARO.	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST	HAIL
PAGE	MAX.	MIN.	MEAN	Normal	DEP.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.	OBS.
6	AVE.	AVE.	BAR.	Ave. Bar.	OF AVE.	Num.	Num.	Num.	Num.	Num.	Num.	Num.	Num.
MONTH	MONTH	MONTH	MONTH	MONTH	MEAN	of	of	of	of	of	of	of	of
MONTH	INCHES	INCHES	INCHES	INCHES	INCHES	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAN.	30.39	30.11	30.252	30.070	0.181	0	0	4	1	0	2	13	0
FEB.	30.41	30.08	30.245	30.037	0.208	0	0	0	4	0	6	5	0
MAR.	30.12	29.88	29.999	30.064	-0.065	1	2	2	1	0	3	12	0
APR.	30.13	29.88	30.005	30.000	0.004	0	0	2	2	2	13	3	0
MAY	30.10	29.96	30.029	30.015	0.014	0	0	0	2	8	14	0	1
JUN.	30.01	29.87	29.943	29.948	-0.005	0	0	0	2	8	20	0	0
JUL.	30.11	29.98	30.048	29.974	0.074	0	0	0	2	8	19	0	0
AUG.	30.09	29.98	30.030	29.997	0.032	0	0	0	1	8	20	0	0
SEP.	30.17	30.05	30.109	30.048	0.061	0	0	0	11	9	17	0	0
OCT.	30.18	29.95	30.065	30.050	0.015	0	0	0	2	1	22	3	0
NOV.	30.24	29.94	30.094	30.134	-0.040	0	0	0	4	0	6	11	0
DEC.	30.23	29.97	30.097	30.115	-0.018	0	0	4	6	0	4	13	0
TOTAL	362.19	359.66	360.916	360.454	0.462	1	2	12	38	44	146	60	1
NUM.	12	12	12	12	12	12	12	12	12	12	12	12	12
AVE.	30.18	29.97	30.076	30.038	0.039	0.1	0.2	1.0	3.2	3.7	12.2	5.0	0.1
MAX.	30.41	30.11	30.252	30.134	0.208	1	2	4	11	9	22	13	1
MIN.	30.01	29.87	29.943	29.948	-0.065	0	0	0	1	0	2	0	0
* 9 YR. Ave. for Jan-Jun 10 YR. Ave. for Jul - Dec													
MAXIMUM		MINIMUM		AVERAGE OR MEAN		DEPARTURES		TOTALS				DATES	