

# GLEN ALLEN OBSERVATIONS FOR 2016

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
2016 PAGE 1  MONTH	MAX. AVE. Deg F	* YEAR AVE. MAX. ° F	DEP. OF AVE. MAX. ° F	MIN. AVE. Deg F	* YEAR AVE. MIN. ° F	DEP. OF AVE. MIN. ° F	MEAN AVE. Deg F	* YEAR AVE. MEAN ° F	DEP. OF AVE. MEAN ° F	HIGH MEAN Deg F	Date of Mean	LOW MEAN Deg F	Date of Mean	HIGH MAX. Deg F	Date of Max.	LOW MAX. Deg F	Date of Min.
	JAN.	46.09	46.62	-0.5	26.21	26.83	-0.6	36.15	36.72	-0.6	52.8	31	19.9	19	66	31	26
FEB.	51.43	50.08	1.4	30.87	28.59	2.3	41.15	39.34	1.8	60.4	01	18.6	14	74	01	29	14
MAR.	65.95	58.95	7.0	43.55	36.95	6.6	54.75	47.95	6.8	70.6	10	33.4	03	84	16	44	05
APR.	69.64	70.61	-1.0	45.32	47.22	-1.9	57.48	58.92	-1.4	76.5	26	40.8	10	89	26	52	09
MAY	73.78	79.26	-5.5	55.98	58.27	-2.3	64.88	68.76	-3.9	79.6	27	54.1	05	90	26	57	05
JUN.	85.72	86.50	-0.8	65.12	65.91	-0.8	75.42	76.35	-0.9	82.7	12	66.8	09	95	12	75	17
JUL.	90.86	89.89	1.0	71.35	69.59	1.8	81.11	79.74	1.4	87.8	24	68.6	03	99	24	73	03
AUG.	90.65	86.97	3.7	71.46	67.39	4.1	81.05	77.18	3.9	88.1	14	73.0	08	98	14	78	08
SEP.	82.46	81.12	1.3	66.63	61.38	5.3	74.55	71.25	3.3	84.8	09	67.6	26	97	09	71	26
OCT.	73.33	69.89	3.4	52.01	48.83	3.2	62.67	59.36	3.3	76.4	19	50.3	26	89	19	62	26
NOV.	63.57	59.94	3.6	37.49	38.10	-0.6	50.53	49.02	1.5	70.9	03	37.8	22	84	03	49	14
DEC.	51.15	52.64	-1.5	31.55	33.28	-1.7	41.35	42.96	-1.6	57.1	27	21.4	16	68	01	30	16
TOTAL	844.63	832.47	12.2	597.56	582.32	15.23	721.09	707.55	13.55	887.4		551.9		1033		645	
NUM.	12	12	12	12	12	12	12	12	12	12		12		12		12	
AVE.			1.0			1.3	60.09	58.96	1.1								
MAX.	90.86	89.89	7.0	71.46	69.59	6.6	81.11	79.74	6.8	88.1	Aug-14	73.0	Feb-14	99	Jul-24	78	Jan-22
MIN.	46.09	46.62	-5.5	26.21	26.83	-2.3	36.15	36.72	-3.9	52.8		18.55		66		26	
* 7 YR. Ave. for Jan-Jun				8 YR. Ave. for Jul - Dec				Occurred on more than one date									
MAXIMUM			MINIMUM			AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES		

# GLEN ALLEN OBSERVATIONS FOR 2016

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	
2016 PAGE 2 MONTH	HIGH		LOW		TEMP.		TEMP.		TEMP.		# DAYS	# DAYS	# DAYS	# DAYS	PRECIP	2.5	PRECIP.
	MIN.	Date of H. Min.	MIN.	Date of L. Min.	MAX	Date-H.Range	MIN.	Date-L.Range	AVE.	>=90	<=32	>=70	<=32	FOR	YEARS	FOR	
	Deg	F	Deg	F	Deg	F	Deg	F	Deg	Deg	Deg	Deg	Deg	MONTH	PRECIP.	MONTH	
	F	F	F	F	F	F	F	F	F	F	F	F	F	TOTAL	AVE.	DEP.	
INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	
JAN.	43	09	11	19	33	25	5	22	19.9	0	4	0	23	3.96	3.13	0.83	
FEB.	47	01	8	14	37	28	5	23	20.6	0	4	0	18	4.42	2.66	1.76	
MAR.	61	10	23	03	39	01	6	27	22.4	0	0	0	5	1.10	4.16	-3.06	
APR.	64	26	25	10	44	18	6	28	24.3	0	0	0	3	2.45	3.38	-0.93	
MAY	70	27	41	16	31	25	5	17	17.8	1	0	1	0	8.55	3.98	4.57	
JUN.	74	28	50	09	33	09	10	23	20.6	4	0	5	0	3.89	4.10	-0.21	
JUL.	77	24	64	03	25	14	8	04	19.5	22	0	21	0	5.79	4.16	1.63	
AUG.	79	13	64	22	25	29	10	08	19.2	19	0	22	0	2.09	4.38	-2.29	
SEP.	74	10	57	05	32	06	3	21	15.8	7	0	6	0	6.69	3.67	3.02	
OCT.	66	01	38	23	36	29	6	08	21.3	0	0	0	0	4.04	3.44	0.60	
NOV.	61	30	22	22	39	13	11	30	26.1	0	0	0	9	1.64	4.09	-2.45	
DEC.	48	27	13	16	32	21	3	06	19.6	0	1	0	16	3.11	4.72	-1.61	
TOTAL	763		415		405		78		247	53	9	55	74	47.73	45.86	1.87	
NUM.	12		12		12		12		12	12	12	12	12	12	12	12	
AVE.					33.7		6.5		20.6								
MAX.	79	Aug-13	64	Feb-14	44	Apr-18	11	Sep-21	26.1	22	4	22	23	8.55	4.72	4.57	
MIN.	43		8		25		3		15.8	0	0	0	0	1.10	2.66	-3.06	
* 7 YR. Ave. for Jan-Jun 8 YR. Ave. for Jul - Dec Occurred on more than one date																	
MAXIMUM		MINIMUM		AVERAGE OR MEAN		DEPARTURES		TOTALS		DATES							

# GLEN ALLEN OBSERVATIONS FOR 2016

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
2016 PAGE 3 MONTH	PRECIP.		PRECIP.			PRECIPITATION				PRECIP.		PRECIP.		FROZEN	Max.		Number	Snow on Ground		DAYS with
	MAX.	Day of Max.	MAX.	1 <sup>st</sup> Day of Max.	2 <sup>nd</sup> Day of Max.	# DAYS	Cal. Day	Cal. Day	Cal. Day	MAX	Day of Max.	MAX	Day of Max.	TOTAL	FROZEN	Max. Snow Day	DAYS	MAX.	DAYS with	
	IN	Cal. Day	IN	24 HRS.		>Trace	>=0.10	>= 1.00	>= 2.00	IN 1 HR.		IN 5 MIN.		FOR	FOR		>Trace	IN CAL.	ON YARD	
	INCHES		INCHES			DURING	INCHES	INCHES	INCHES	MT-to-MT		MT-to-MT		MONTH	Day	Max. Snow Day	New	DAY	Date of Max.	> TRACE
			MONTH	DAYS	DAYS	MONTH	DAYS	DAYS	DAYS	INCHES		INCHES		INCHES	INCHES		Snow	INCHES	DATE	DAYS
JAN.	1.35	23	1.66	Jan 22	Jan 23	8	6	1	0	0.26	09	0.03	09	16.4	9.1	23	3	13.0	23	8
FEB.	1.05	03	1.08	Feb.03	Feb.04	13	8	1	0	0.64	03	0.14	24	1.6	1.3	15	4	1.2	15	1
MAR.	0.20	28	0.33	Mar-28	Mar-29	10	5	0	0	0.18	13	0.04	13	1.9	1.8	04	2	1.8	04	0
APR.	0.57	22	0.57	22		11	7	0	0	0.33	22	0.14	07	T	T	09	0	0		0
MAY	1.47	29	1.48	May 29	May 30	17	12	4	0	0.89	29	0.17	21	0.0	0.0		0	0.0		0
JUN.	1.55	16	1.65	Jun-16	Jun-17	9	6	2	0	1.26	16	0.40	16	0.0	0.0		0	0.0		0
JUL.	1.05	19	1.73	Jul 18	Jul 19	15	10	2	0	0.98	19	0.29	28	0.0	0.0		0	0.0		0
AUG.	0.96	06	0.96	Aug-06		9	6	0	0	0.92	06	0.34	06	0.0	0.0		0	0.0		0
SEP.	2.02	19	2.86	28th	29th	13	8	3	1	0.82	28	0.27	28	0.0	0.0		0	0.0		0
OCT.	2.81	08	3.43	Oct-08	Oct-09	7	3	1	1	0.30	08	0.10	01	0.0	0.0		0	0.0		0
NOV.	0.57	30	0.57	Nov-14	15th & 30th	8	4	0	0	0.35	30	0.12	30	0	0		0	0		0
DEC.	1.53	06	1.53	Dec. 06		9	6	1	0	0.56	06	0.09	06	T	T	17	0	0		0
TOTAL	15.13		17.85			129	81	15	2	7.49		2.13		19.9			9	16.0		9
NUM.	12		12			12	12	12	12	12		12								
AVE.	1.26	Oct-08	1.49			10.8	6.8	1.3	0.2	0.62	Jun-16	0.18				Jan-23				
MAX.	2.81		3.43			17	12	4	1	1.26		0.40	Jun-16	16.4	9.1		4	13.0		8
MIN.	0.20		0.33			7	3	0	0	0.18		0.03		0.0	0.0		0	0.0		0
* 7 YR. Ave. for Jan-Jun						8 YR. Ave. for Jul - Dec				Occurred on more than one date										
MAXIMUM			MINIMUM			AVERAGE OR MEAN				DEPARTURES				TOTALS			DATES			

# GLEN ALLEN OBSERVATIONS FOR 2016

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	
2016 PAGE 4	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	SKY	REL.	REL.	Low RH Day	
	AM	AM	AM	AM	DAYS	PM	PM	PM	PM	DAYS	DAYS	HUM.	HUM.		
	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	AVE	HIGH	LOW		
	MONTH	MONTH	MONTH	CLOUD COVER	MADE DAYS	MONTH	MONTH	MONTH	CLOUD COVER	MADE DAYS	0=CLEAR 2=CLOUDY	MAX.	MIN.		
MONTH	0-33%	34-66%	67-100%	COVER	DAYS	0-33%	34-66%	67-100%	COVER	DAYS	2=CLOUDY	%	%		
JAN.	14	6	11	0.90	31	12	6	13	1.03	31	0.97	100	24	11	
FEB.	10	3	16	1.21	29	9	4	16	1.24	29	1.22	100	23	13	
MAR.	11	4	16	1.16	31	11	6	14	1.10	31	1.13	100	19	23	
APR.	14	2	14	1.00	30	13	6	11	0.93	30	0.97	99	16	18	
MAY	7	3	21	1.45	31	4	7	20	1.52	31	1.48	100	29	16	
JUN.	13	4	13	1.00	30	9	6	15	1.20	30	1.10	100	27	08	
JUL.	12	8	11	0.97	31	4	17	10	1.19	31	1.08	100	41	20	
AUG.	15	6	10	0.84	31	11	11	9	0.94	31	0.89	100	37	27	
SEP.	6	6	18	1.40	30	4	9	17	1.43	30	1.42	100	30	14	
OCT.	18	5	8	0.68	31	15	8	8	0.77	31	0.73	100	33	24	
NOV.	17	2	11	0.80	30	15	3	12	0.90	30	0.85	100	22	13	
DEC.	10	4	17	1.23	31	11	5	15	1.13	31	1.18	100	20	15	
TOTAL	147	53	166	13	366	118	88	160	13	366	13.01	1199	321		
NUM.	12	12	12	12		12	12	12	12		12	12	12		
AVE.	12.3	4.4	13.8	1.05		9.8	7.3	13.3	1.12		1.08	99.9	26.8		
MAX.	18	8	21	1.45		15	17	20	1.52		1.48	100	41		
MIN.	6	2	8	0.68		4	3	8	0.77		0.73	99	16		
	* 7 YR. Ave. for Jan-Jun					8 YR. Ave. for Jul - Dec					Occurred on more than one date				
	MAXIMUM	MINIMUM	AVERAGE OR MEAN			DEPARTURES				TOTALS			DATES		

Apr-18

# GLEN ALLEN OBSERVATIONS FOR 2016

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			
72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
2016 PAGE 5 MONTH	REL. HUM.	REL. HUM.	REL. HUM.	WIND RUN MONTH TOTAL	WIND RUN DAILY AVE.	WIND RUN DAILY MAX.	Day of Max.	WIND AVE. DAILY GUST	WIND MAX. DAILY GUST	Day of Max.	BARO. MAX. FOR MONTH	Day of Max.	BARO. MIN. FOR MONTH	Day of Min.
	AVE	AVE	AVE	MILES	MILES	MILES		MPH	MPH		INCHES		INCHES	
	MAX	MIN	DAY											
	%	%	%											
JAN.	86.5	43.6	65.0	2251.9	72.6	227.0	23	20.3	36	12	30.69	05	29.39	15
FEB.	87.1	42.9	65.0	2138.2	73.7	186.0	25	20.9	41	25	30.63	19	29.32	24
MAR.	86.1	40.5	63.3	2628.8	84.8	210.5	10	21.4	40	31	30.40	30	29.60	02
APR.	86.7	37.1	61.9	2595.9	86.5	195.8	04	22.2	36	04	30.49	17	29.43	02
MAY	95.6	56.0	75.8	1254.9	40.5	88.6	27	15.9	28	03	30.28	16	29.60	04
JUN.	92.9	47.1	70.0	1451.4	48.4	111.9	05	18.4	42	16	30.39	19	29.52	07
JUL.	95.7	52.5	74.1	1007.9	33.6	72.6	25	15.4	27	26	30.21	20	29.76	28
AUG.	95.9	51.2	73.5	1159.0	37.4	98.5	13	16.2	34	17	30.34	23	29.76	06
SEP.	96.2	60.6	78.4	1433.8	47.8	109.2	02	16.7	24	03	30.29	16	29.82	01
OCT.	96.2	53.9	75.1	1711.0	55.2	206.8	09	17.4	38	09	30.48	11	29.58	21
NOV.	94.4	43.4	68.9	1041.6	34.7	138.9	29	16.8	35	29	30.50	07	29.59	30
DEC.	88.5	46.2	67.3	1661.8	53.6	166.5	18	18.0	33	18	30.70	19	29.59	01
TOTAL	1102	575	838	20336	669	1812		220	414		365.40		354.96	
NUM.	12	12	12	12	12	12		12	12		12		12	
AVE.	91.8	47.9	69.9	1694.7	55.7	151.0		18.3	35		30.45		29.58	
MAX.	96.2	60.6	78.4	2628.8	86.5	227.0	Jan-23	22.2	42	Jun-16	30.70	Dec-19	29.82	Feb-24
MIN.	86.1	37.1	61.9	1007.9	33.6	72.6		15.4	24.0		30.21		29.32	
* 7 YR. Ave. for Jan-Jun				8 YR. Ave. for Jul - Dec				Occurred on more than one date						
MAXIMUM		MINIMUM		AVERAGE OR MEAN			DEPARTURES			TOTALS			DATES	

# GLEN ALLEN OBSERVATIONS FOR 2016

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz													
6	AVERAGE BAROMETER					WEATHER CONDITION DAYS							
87	88	89	90	91	92	93	94	95	96	97	98	99	100
2016 PAGE 6	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
MONTH	INCHES	INCHES	INCHES	INCHES	INCHES	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
JAN.	30.21	29.92	30.06	30.07	-0.01	0	2	5	2	0	3	12	0
FEB.	30.23	29.91	30.07	30.04	0.04	2	1	6	6	1	4	7	0
MAR.	30.17	29.94	30.06	30.05	0.01	0	0	3	2	2	13	5	0
APR.	30.17	29.94	30.06	29.99	0.06	0	0	1	2	4	10	6	1
MAY	30.07	29.92	30.00	30.03	-0.04	0	0	0	3	3	15	0	0
JUN.	30.06	29.88	29.97	29.94	0.03	0	0	0	1	5	19	0	0
JUL.	30.05	29.93	29.99	29.97	0.02	0	0	0	1	7	15	0	0
AUG.	30.13	29.99	30.01	29.99	0.02	0	0	0	1	4	24	0	0
SEP.	30.14	30.01	30.07	30.05	0.03	0	0	0	1	5	15	0	0
OCT.	30.23	30.05	30.14	30.03	0.11	0	0	0	2	1	24	1	0
NOV.	30.23	30.04	30.13	30.13	0.00	0	0	0	1	1	15	14	0
DEC.	30.35	30.05	30.20	30.10	0.10	1	1	0	2	0	7	12	0
TOTAL	362.03	359.59	360.76	360.40	0.35	3	4	15	24	33	164	57	1
NUM.	12	12	12	12	12	12	12	12	12	12	12	12	12
AVE.	30.17	29.97	30.06	30.03	0.03	0.3	0.3	1.3	2.0	2.8	13.7	4.8	0.1
MAX.	30.35	30.05	30.20	30.13	0.11	2	2	6	6	7	24	14	1
MIN.	30.05	29.88	29.97	29.94	-0.04	0	0	0	1	0	3	0	0
* 7 YR. Ave. for Jan-Jun    8 YR. Ave. for Jul - Dec													
MAXIMUM		MINIMUM		AVERAGE OR MEAN		DEPARTURES		TOTALS				DATES	