

GLEN ALLEN OBSERVATIONS FOR 2012

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)			
2012 PAGE 1 MONTH	2 MAX. AVE. Deg F	3 * YEAR AVE. MAX. ° F	4 DEP. OF AVE. MAX. ° F	5 MIN. AVE. Deg F	6 * YEAR AVE. MIN. ° F	7 DEP. OF AVE. MIN. ° F	8 MEAN AVE. Deg F	9 * YEAR AVE. MEAN ° F	10 DEP. OF AVE. MEAN ° F	11 HIGH MEAN Deg F	12 Date of Mean	13 LOW MEAN Deg F	14 Date of Mean	15 HIGH MAX. Deg F	16 Date of Max.	17 LOW MAX. Deg F	18 Date of Min.
JAN.	53.48	44.23	9.3	30.74	25.62	5.1	42.11	34.92	7.2	56.0	31	26.5	03	71	27	33	22
FEB.	55.72	51.73	4.0	32.93	29.56	3.4	44.33	40.64	3.7	63.0	24	28.5	12	81	24	39	12
MAR.	69.32	59.34	10.0	47.16	37.77	9.4	58.24	48.56	9.7	73.0	23	34.5	05	85	15	41	05
APR.	67.19	72.49	-5.3	44.26	48.56	-4.3	55.73	60.52	-4.8	76.0	16	44.0	11	88	16	52	23
MAY	80.45	78.85	1.6	60.16	58.57	1.6	70.31	68.71	1.6	79.0	28	58.0	11	88	02	72	10
JUN.	85.33	89.23	-3.9	61.60	67.22	-5.6	73.47	77.42	-4.0	87.0	29	60.5	05	102	29	68	05
JUL.	93.29	90.62	2.7	72.13	69.34	2.8	82.71	79.98	2.7	91.5	08	74.0	21	105	08	78	21
AUG.	87.19	88.42	-1.2	68.45	68.44	0.0	77.82	78.43	-0.6	84.0	05	68.0	19	95	31	72	19
SEP.	81.13	81.34	-0.2	59.27	62.14	-2.9	70.20	71.74	-1.5	81.5	01	59.5	24	91	02	72	16
OCT.	70.03	69.75	0.3	49.94	48.10	1.8	59.98	58.93	1.1	79.0	03	40.5	30	86	03	44	30
NOV.	57.13	61.15	-4.0	33.73	39.73	-6.0	45.43	50.44	-5.0	62.0	12	37.0	06	75	11	46	06
DEC.	55.71	49.73	6.0	36.19	29.98	6.2	45.95	39.85	6.1	62.5	03	34.0	31	75	04	42	24
TOTAL NUM.	856.00	836.88	19.1	596.56	585.04	11.53	726.28	710.15	16.13	894.5		565.0		1042		659	
AVE.	12	12	12	12	12	12	12	12	12	12		12		12		12	
MAX.	93.29	90.62	10.0	72.13	69.34	9.4	82.71	79.98	9.7	91.5	Jul-08	74.0	Jan-03	105	Jul-08	78	Jan-22
MIN.	53.48	44.23	-5.3	30.74	25.62	-6.0	42.11	34.92	-5.0	56.0		26.5		71		33	
* 3 YR. Ave. for Jan-Jun 4 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		
2012 PAGE 2	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.	RANGE	>=90	<=32	>=70	<=32	FOR	YEARS	FOR	
MONTH	Deg	F	Deg	F	Deg	F	Deg	F	Deg	F	Deg	F	Deg	F	MONTH	PRECIP.	MONTH	
	F	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.	45	12	15	04	32	01	3	22	22.7	0	0	0	18	1.95	2.57	-0.62		
FEB.	52	01	18	12	36	24	9	08	22.8	0	0	0	15	3.36	2.37	0.99		
MAR.	61	23	23	06	36	28	4	25	22.2	0	0	0	3	2.31	4.14	-1.83		
APR.	64	16	33	12	38	03	9	23	23.7	0	0	0	0	3.09	2.62	0.47		
MAY	71	28	44	11	34	12	9	21	20.3	0	0	2	0	3.57	3.98	-0.41		
JUN.	73	22	52	03	32	27	12	12	23.7	11	0	4	0	2.74	2.94	-0.20		
JUL.	80	06	67	11	28	01	8	21	21.2	22	0	26	0	2.61	3.80	-1.19		
AUG.	76	05	63	16	26	09	6	25	18.7	12	0	11	0	4.88	4.83	0.05		
SEP.	75	05	46	24	30	20	12	05	21.9	2	0	5	0	1.56	3.92	-2.36		
OCT.	72	03	37	30	35	23	6	26	20.1	0	0	1	0	3.95	3.90	0.05		
NOV.	50	12	24	25	39	23	7	07	23.4	0	0	0	14	0.46	4.14	-3.68		
DEC.	52	03	22	31	34	02	6	09	19.5	0	0	0	13	3.64	3.67	-0.03		
TOTAL NUM.	771		444		400		91		260	47	0	49	63	34.12	42.87	-8.75		
AVE.	12		12		12		12		12	12	12	12	12	12	12	12		
MAX.	80	Jul-06	67	Jan-04	33.3	Nov-23	7.6	Jan-22	21.7	22	0	26	18	4.88	4.83	0.99		
MIN.	45		15		26		3		18.7	0	0	0	3	0.46	2.37	-3.68		
		3 YR. Ave. for Jan-Jun			4 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	
2012 PAGE 3 MONTH	PRECIP. MAX. IN Cal. Day INCHES	Day of Max. Day of Max.	PRECIP. MAX. IN 24 HRS. INCHES	1 st Day of Max. 1 st Day of Max.	2 nd Day of Max. 2 nd Day of Max.	PRECIPITATION # DAYS Cal. Day Cal. Day Cal. Day >Trace >=0.10 >= 1.00 >= 2.00 DURING INCHES INCHES INCHES MONTH DAYS DAYS DAYS				PRECIP. MAX IN 1 HR. MT-to-MT INCHES	Day of Max. Day of Max.	PRECIP. MAX IN 5 MIN. MT-to-MT INCHES	Day of Max. Day of Max.	FROZEN TOTAL FOR MONTH INCHES	Max. FROZEN FOR Day INCHES	Max. Snow Day Max. Snow Day	Number DAYS >Trace New Snow	GROUND MAX. IN CAL. DAY INCHES	Max. Snow Day Max. Snow Day	DAYS with Snowfall ON YARD > TRACE DAYS	
	JAN.	0.76	11	1.06	11	12	10	5	0	0	0.29	12	0.10	12	T	T	20	0	T	20	0
	FEB.	1.38	29	1.38	29	--	13	6	1	0	0.61	29	0.13	29	5.7	5.1	19	3	1.6	20	2
	MAR.	0.68	24	0.70	02	03	10	5	0	0	0.45	02	0.10	02	1.7	1.7	05	1	T	05	0
	APR.	1.44	22	1.59	21	22	8	6	1	0	0.31	26	0.03	21	0.0	0.0		0	0.0		0
MAY	1.38	22	1.44	21	22	15	8	1	0	1.06	22	0.25	22	0.0	0.0		0	0.0		0	
JUN.	1.11	25	1.11	25	--	14	6	1	0	1.11	25	0.47	25	0.0	0.0		0	0.0		0	
JUL.	0.63	30	0.65	30	--	12	7	0	0	0.46	18	0.15	15	0.0	0.0		0	0.0		0	
AUG.	1.35	02	1.35	02	--	13	10	2	0	1.35	02	0.38	02	0.0	0.0		0	0.0		0	
SEP.	0.71	18	0.78	17	18	8	4	0	0	0.42	18	0.14	06	0.0	0.0		0	0.0		0	
OCT.	1.94	29	2.21	29	30	10	6	1	0	0.40	29	0.10	19	0.0	0.0		0	0.0		0	
NOV.	0.39	13	0.39	13	--	2	1	0	0	0.11	13	0.02	13	T	T	07	0	0.0		0	
DEC.	1.36	26	1.36	26	--	14	7	1	0	0.44	26	0.09	26	T	T	29	0	0.0		0	
TOTAL NUM. AVE. MAX. MIN.	13.13 12 1.09 1.94 0.39	 Oct-29 	14.02 12 1.17 2.21 0.39	 Oct-29 Oct-30	 	129 12 10.8 15 2	71 12 5.9 10 1	8 12 0.7 2 0	0 12 0.0 0 0	7.01 12 0.58 1.35 0.11	 Aug-02 	1.96 12 0.16 0.47 0.02	 Jun-25 	7.4 5.7 5.7 5.7 0.0	 5.1 1.7	 Feb-19 	4 3 3 3 0	1.6 1.6 1.6 1.6 0.0	 Feb-20 	2 2 2 2 0	
3 YR. Ave. for Jan-Jun					4 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															
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	
2012 PAGE 4 MONTH	SKY AM CLEAR MONTH	SKY AM PT. CLO. MONTH	SKY AM CLOUDY MONTH	SKY AM AVE. CLOUD COVER	SKY DAYS OBS. MADE DAYS	SKY PM CLEAR MONTH	SKY PM PT. CLO. MONTH	SKY PM CLOUDY MONTH	SKY PM AVE. CLOUD COVER	SKY DAYS OBS. MADE DAYS	SKY DAYS AVE 0=CLEAR 2=CLOUDY	REL. HUM. HIGH MAX. %	REL. HUM. LOW MIN. %	Low RH Day	
JAN.	19	3	9	0.68	31	12	7	12	1.00	31	0.84	100	19	29	
FEB.	13	6	10	0.90	29	10	6	13	1.10	29	1.00	100	22	13	
MAR.	13	8	10	0.90	31	10	13	8	0.94	31	0.92	100	22	01	
APR.	12	9	9	0.90	30	11	10	9	0.93	30	0.92	99	13	10	
MAY	7	9	15	1.26	31	5	12	14	1.29	31	1.27	100	25	11	
JUN.	18	3	9	0.70	30	13	7	10	0.90	30	0.80	97	27	23	
JUL.	11	9	11	1.00	31	13	6	12	0.97	31	0.98	99	25	03	
AUG.	12	3	16	1.13	31	9	9	13	1.13	31	1.13	100	28	16	
SEP.	17	4	9	0.73	30	14	5	11	0.90	30	0.82	99	31	13	
OCT.	14	1	16	1.06	31	11	4	16	1.16	31	1.11	100	30	11	
NOV.	13	6	11	0.93	30	14	4	12	0.93	30	0.93	98	16	08	
DEC.	8	3	20	1.39	31	8	7	16	1.26	31	1.32	100	28	22	
TOTAL NUM. AVE. MAX. MIN.	157 12 13.1 19 7	64 12 5.3 9 1	145 12 12.1 20 9	12 12 0.97 1.39 0.68	366	130 12 10.8 14 5	90 12 7.5 13 4	146 12 12.2 16 8	13 12 1.04 1.29 0.90	366	12.05 12 1.00 1.32 0.80	1192 12 99.3 100 97	286 12 23.8 31 13	Apr-10	
3 YR. Ave. for Jan-Jun					4 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														
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
2012 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.	83.9	43.1	63.5	2644.7	85.3	247.0	17	20.9	41	17	30.61	16	29.38	13
FEB.	89.4	39.4	64.4	2154.1	74.3	167.1	24	20.4	46	24	30.52	03	29.33	24
MAR.	89.2	42.6	65.9	2452.4	79.1	224.0	08	19.8	35	08	30.71	06	29.53	03
APR.	88.4	34.5	61.5	2291.5	85.3	185.6	16	20.8	31	02	30.30	28	29.38	23
MAY	94.7	50.6	72.6	1688.3	54.5	140.6	29	16.7	24	08	30.33	12	29.62	09
JUN.	91.9	41.4	66.7	1353.9	45.1	88.8	13	19.3	47	25	30.31	16	29.66	04
JUL.	91.3	43.4	67.4	1305.0	42.1	103.2	26	17.0	28	15	30.24	13	29.69	26
AUG.	95.1	50.5	72.8	1415.3	45.7	159.2	05	16.2	33	02	30.21	26	29.76	10
SEP.	94.6	47.7	71.2	1541.3	51.4	125.3	22	16.8	30	18	30.39	13	29.63	08
OCT.	95.6	52.3	74.0	1922.0	62.0	187.2	28	17.0	32	29	30.51	13	28.96	29
NOV.	89.0	42.1	65.6	1686.7	56.2	139.6	18	16.5	25	08	30.56	17	29.67	01
DEC.	91.5	51.9	71.7	1894.5	61.1	158.5	21	17.7	35	10	30.43	13	29.32	21
TOTAL NUM.	1095 12	540 12	817 12	22350 12	742 12	1926 12		219 12	407 12		365.12 12		353.93 12	
AVE.	91.2	45.0	68.1	1862.5	61.8	160.5	Jan-17	18.3	34	Jun-25	30.43	Mar-06	29.49	Oct-29
MAX.	95.6	52.3	74.0	2644.7	85.3	247.0		20.9	47		30.71		29.76	
MIN.	83.9	34.5	61.5	1305.0	42.1	88.8		16.2	24.0		30.21		28.96	
	3 YR. Ave. for Jan-Jun			4 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													
6	AVERAGE BAROMETER					WEATHER CONDITION DAYS							
87	88	89	90	91	92	93	94	95	96	97	98	99	100
2012 PAGE 6 MONTH	BARO. MAX. AVE. MONTH INCHES	BARO. MIN. AVE. MONTH INCHES	BARO. MEAN BAR. MONTH INCHES	2.5-YR. AVE. BAR. MONTH INCHES	BARO. DEP. OF AVE. MEAN INCHES	GLAZE OBS. Num. of DAYS	SLEET OBS. Num. of DAYS	SNOW OBS. Num. of DAYS	FOG OBS. Num. of DAYS	THUNDER OBS. Num. of DAYS	DEW OBS. Num. of DAYS	FROST OBS. Num. of DAYS	HAIL OBS. Num. of DAYS
JAN.	30.21	29.92	30.06	30.02	0.04	3	2	0	3	0	7	12	0
FEB.	30.21	29.95	30.08	30.00	0.08	0	1	3	3	3	8	10	0
MAR.	30.23	30.00	30.12	30.03	0.09	0	0	1	5	5	13	1	0
APR.	30.05	29.84	29.94	29.96	-0.02	0	0	0	1	3	18	5	0
MAY	30.08	29.94	30.01	30.00	0.01	0	0	0	6	7	21	0	0
JUN.	30.04	29.90	29.97	29.90	0.07	0	0	0	0	8	22	0	1
JUL.	30.02	29.90	29.96	29.96	0.00	0	0	0	1	9	14	0	0
AUG.	30.05	29.94	29.99	29.95	0.04	0	0	0	2	6	22	0	0
SEP.	30.12	29.98	30.05	30.03	0.02	0	0	0	0	5	22	0	0
OCT.	30.06	29.87	29.96	30.04	-0.08	0	0	0	2	1	22	0	0
NOV.	30.26	30.10	30.18	30.09	0.09	0	0	2	1	0	6	14	0
DEC.	30.17	29.88	30.02	30.09	-0.07	0	1	0	6	0	8	10	0
TOTAL NUM.	361.49 12	359.22 12	360.36 12	360.07 12	0.29 12	3 12	4 12	6 12	30 12	47 12	183 12	52 12	1 12
AVE.	30.12	29.94	30.03	30.01	0.02	0.3	0.3	0.5	2.5	3.9	15.3	4.3	0.1
MAX.	30.26	30.10	30.18	30.09	0.09	3	2	3	6	9	22	14	1
MIN.	30.02	29.84	29.94	29.90	-0.08	0	0	0	0	0	6	0	0
3 YR. Ave. for Jan - Jun and 4 YR. Ave. Jul - Dec													
MAXIMUM	MINIMUM	AVERAGE OR MEAN					DEPARTURES					TOTALS	DATES