

GLEN ALLEN OBSERVATIONS FOR 2014

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
2014 PAGE 1	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	Warmest MEAN Deg F	Date of Mean	Coollest MEAN Deg F	Date of Mean	Warmest MAX. Deg F	Date of Max.	Coollest MAX. Deg F	Date of Min.
MONTH																	
JAN.	44.42	47.39	-3.0	22.35	27.88	-5.5	33.39	37.64	-4.2	50.5	11	14.5	07	63	11	22	07
FEB.	49.21	51.97	-2.8	29.18	30.20	-1.0	39.20	41.08	-1.9	56.0	19	23.5	12	70	21	29	12
MAR.	55.03	60.01	-5.0	32.03	38.34	-6.3	43.53	49.18	-5.6	64.5	11	20.0	04	78	11	31	17
APR.	69.37	71.03	-1.7	45.57	47.58	-2.0	57.47	59.30	-1.8	70.5	13	41.5	16	83	13	52	16
MAY	79.94	78.72	1.2	57.35	58.14	-0.8	68.65	68.43	0.2	80.0	13	58.0	05	94	13	67	05
JUN.	86.73	86.64	0.1	64.80	65.81	-1.0	75.77	76.42	-0.7	84.0	18	65.0	01	96	18	78	01
JUL.	88.26	90.60	-2.3	67.16	70.00	-2.8	77.71	80.30	-2.6	87.5	02	68.5	05	98	02	79	29
AUG.	84.87	87.38	-2.5	65.00	67.99	-3.0	74.94	77.69	-2.7	84.0	31	69.5	01	94	31	75	01
SEP.	80.20	81.02	-0.8	62.17	60.96	1.2	71.18	70.99	0.2	85.5	01	58.5	23	98	02	64	24
OCT.	71.90	69.82	2.1	50.00	48.80	1.2	60.95	59.31	1.6	74.5	14	49.5	31	83	28	58	11
NOV.	56.70	59.84	-3.1	34.17	38.01	-3.8	45.43	48.93	-3.5	66.5	24	27.5	19	74	04	40	19
DEC.	51.40	51.32	0.1	33.05	31.58	1.5	42.23	41.45	0.8	61.2	01	32.1	31	76	01	36	22
TOTAL NUM. AVE. MAX. MIN.	818.03 12 88.26 44.42	835.74 12 90.60 47.39	-17.7 12 2.1 -5.0	562.84 12 67.16 22.35	585.29 12 70.00 27.88	-22.45 12 1.5 -6.3	690.43 12 77.71 33.39	710.71 12 80.30 37.64	-20.27 12 1.6 -5.6	864.7 12 87.5 50.5	Jul-02	528.1 12 69.5 14.5	Jan-07	1007 12 98 63	Jul-02	631 12 79 22	Jan-07
* 5 YR. Ave. for Jan-Jun 6 YR. Ave. for Jul - Dec										Yellow 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														
2014 PAGE 2	Warmest		Coolest		MAX. TEMP. RANGE		MIN. TEMP. RANGE		AVE. TEMP.	# 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. Date	MIN. Deg F	Date of L. Min. Date	Deg F	Date - Range	Deg F	Date - Range	Deg F	Deg F	Deg F	Deg F	Deg F	INCHES	INCHES	INCHES														
	MONTH																													
JAN.	38	11	6	24	45	06	11	10	22.1	0	6	0	25	3.07	3.15	-0.08														
FEB.	44	02	15	28	32	01	8	13	20.0	0	1	0	21	3.70	2.27	1.43														
MAR.	58	29	7	04	41	08	4	17	23.0	0	1	0	17	3.61	4.42	-0.81														
APR.	62	14	30	17	36	21	7	29	23.8	0	0	0	2	6.84	2.74	4.10														
MAY	67	27	43	19	36	04	9	29	22.6	4	0	0	0	4.74	4.16	0.58														
JUN.	72	10	50	02	31	02	12	12	21.9	9	0	11	0	2.04	3.66	-1.62														
JUL.	77	02	54	05	32	06	9	21	21.1	12	0	13	0	1.95	4.37	-2.42														
AUG.	74	31	56	14	30	27	11	01	19.9	4	0	4	0	3.65	4.92	-1.27														
SEP.	76	01	50	23	30	27	6	08	18.0	4	0	6	0	2.36	3.80	-1.44														
OCT.	67	14	36	27	37	27	3	11	21.9	0	0	0	0	3.24	3.27	-0.03														
NOV.	59	24	15	19	37	03	11	01	22.5	0	0	0	13	2.96	4.13	-1.17														
DEC.	50	28	22	31	34	27	2	22	18.3	0	0	0	14	3.07	4.75	-1.68														
TOTAL NUM.	744		384		421		93		255	33	8	34	92	41.23	45.62	-4.39														
AVE.	12		12		12		12		12	12	12	12	12	12	12	12														
MAX.	77	Jul-02	56	Jan-24	45	Jan-06	12	Dec-22	23.8	12	6	13	25	6.84	4.92	4.10														
MIN.	38		6		30		2		18.0	0	0	0	2	1.95	2.27	-2.42														
* 5 YR. Ave. for Jan-Jun 6 YR. Ave. for Jul - Dec										Yellow occurred on more than one date																				
MAXIMUM					MINIMUM					AVERAGE OR MEAN					DEPARTURES			TOTALS		DATES										

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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
2014 PAGE 3	PRECIP.		PRECIP.			PRECIPITATION				PRECIP.		PRECIP.		FROZEN	Max.		Number	Snow on Ground		DAYS with
	MAX.	Day of Max.	MAX.	1 st Day of Max.	2 nd 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.		
	IN		IN			>Trace	>=0.10	>= 1.00	>= 2.00	IN 1 HR.		IN 5 MIN.		FOR	FOR		>Trace	IN CAL.		
	Cal. Day	Day of Max.	24 HRS.	1 st Day of Max.	2 nd Day of Max.	DURING	INCHES	INCHES	INCHES	MT-to-MT	Day of Max.	MT-to-MT	Day of Max.	MONTH	Day	Max. Snow Day	New	DAY	Date of Max.	> TRACE
MONTH	INCHES		INCHES			MONTH	DAYS	DAYS	DAYS	INCHES		INCHES		INCHES	INCHES	Snow	INCHES		DAYS	
JAN.	0.83	11	0.93	Jan 10	Jan 11	12	8	0	0	0.38	11	0.07	11	7.2	2.0	16	6	1.0	22	7
FEB.	1.15	03	1.55	Feb.12	Feb.13	9	7	2	0	0.51	21	0.18	21	5.7	4.6	12	2	3.0	13	5
MAR.	0.71	03	0.81	Mar-02	Mar-03	12	10	0	0	0.20	03	0.07	12	4.2	2.4	03	4	2.4	03	5
APR.	1.76	30	2.50	April 29	April 30	8	6	4	0	1.10	25	0.17	25	0	0		0	0		0
MAY	1.63	16	2.80	May 15	May 16	11	6	2	0	0.96	16	0.39	22	0.5	0		1	0.0		0
JUN.	1.01	12	1.35	Jun-11	Jun-12	8	5	1	0	0.51	12	0.16	12	0.0	0		0	0.0		0
JUL.	0.73	24	0.73	Jul -24	---	8	4	0	0	0.34	03	0.17	03	0.0	0		0	0.0		0
AUG.	2.54	12	2.57	Aug 11	Aug-12	10	4	1	1	1.87	12	0.35	12	0.0	0		0	0.0		0
SEP.	0.82	04	0.92	Sep-04	Sep-05	11	5	0	0	0.82	04	0.24	04	0.0	0		0	0.0		0
OCT.	1.04	15	1.06	Oct-14	Oct-15	11	7	1	0	0.43	10	0.12	08	0.0	0		0	0.0		0
NOV.	1.29	26	1.29	Nov-26	---	11	6	2	0	0.53	17	0.10	17	T	T	13	0	0		0
DEC.	0.98	24	1.10	Dec. 23	Dec. 24	15	8	0	0	0.25	06	0.09	25	T	T	30	0	0		0
TOTAL NUM.	14.49		17.61			126	76	13	1	7.90		2.11		17.6			13	6.4		17
AVE.	1.21	Aug-12	1.47			12	12	12	12	12	Aug-12	0.18	May-22			Feb-12			Feb-13	
MAX.	2.54		2.80			15	10	4	1	1.87		0.39		7.2	4.6		6	3.0		7
MIN.	0.71		0.73			8	4	0	1	0.20		0.07		0.0	0.0		0	0.0		0

* 5 YR. Ave. for Jan-Jun 6 YR. Ave. for Jul - Dec

Yellow occurred on more than one date

MAXIMUM

MINIMUM

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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
2014 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.	
MONTH	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	CLEAR	PT. CLO.	CLOUDY	AVE.	OBS.	AVE	HIGH	LOW	
MONTH	MONTH	MONTH	CLOUD COVER	MADE	MONTH	MONTH	MONTH	CLOUD COVER	MADE	0=CLEAR 2=CLOUDY	MAX.	MIN.	%	
MONTH	0-33%	34-66%	67-100%	COVER	DAYS	0-33%	34-66%	67-100%	COVER	DAYS	%	%	%	
JAN.	14	3	14	1.00	31	13	4	14	1.03	31	1.02	100	20	31
FEB.	10	2	16	1.21	28	9	2	17	1.29	28	1.25	99	17	24
MAR.	10	4	17	1.23	31	12	1	18	1.19	31	1.21	100	18	13
APR.	17	3	10	0.77	30	14	4	12	0.93	30	0.85	100	19	24
MAY	13	6	12	0.97	31	8	15	8	1.00	31	0.98	100	27	04
JUN.	14	8	8	0.80	30	13	11	6	0.77	30	0.78	100	36	29
JUL.	13	7	11	0.94	31	6	9	16	1.32	31	1.13	99	30	05
AUG.	11	7	13	1.06	31	9	7	15	1.19	31	1.13	100	32	16
SEP.	8	7	15	1.23	30	7	8	15	1.27	30	1.25	100	35	02
OCT.	13	10	8	0.84	31	13	8	10	0.90	31	0.87	100	21	26
NOV.	12	6	12	1.00	30	14	2	14	1.00	30	1.00	100	21	04
DEC.	11	4	16	1.16	31	12	3	16	1.13	31	1.15	100	24	11
TOTAL	146	67	152	12	365	130	74	161	13	365	12.62	1198	300	Feb-24
NUM.	12	12	12	12		12	12	12	12		12	12	12	
AVE.	12.2	5.6	12.7	1.02		10.8	6.2	13.4	1.09		1.05	99.8	25.0	
MAX.	17	10	17	1.23		14	15	18	1.32		1.25	100	36	
MIN.	8	2	8	0.77		6	1	6	0.77		0.78	99	17	
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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
2014 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.	83.5	40.1	61.8	2110.1	68.1	198.4	25	19.8	33	03	30.62	09	29.48
FEB.	84.6	40.2	62.4	1959.5	70.0	122.5	14	20.7	45	21	30.49	12	29.29	13
MAR.	83.1	42.1	62.6	2898.4	93.5	166.6	28	22.2	36	12	30.50	06	29.13	12
APR.	86.6	38.4	62.5	2188.7	73.0	193.9	15	19.3	38	15	30.62	17	29.50	08
MAY	93.2	41.9	67.5	1499.9	48.4	93.0	10	19.0	40	22	30.31	19	29.73	01
JUN.	94.8	47.0	70.9	1349.8	45.0	76.5	05	15.9	33	11	30.36	01	29.64	05
JUL.	93.2	44.7	68.9	2006.0	64.7	150.3	08	18.1	29	08	30.29	05	29.63	28
AUG.	96.3	51.4	73.8	1027.1	33.1	92.5	31	13.7	19	14	30.24	30	29.77	12
SEP.	95.1	55.2	75.1	1539.3	51.3	131.7	24	15.4	23	11	30.40	24	29.69	21
OCT.	95.3	49.3	72.3	1590.9	51.3	111.4	14	18.2	29	07	30.27	12	29.63	04
NOV.	89.4	43.5	66.4	1912.2	63.7	209.9	24	20.1	35	24	30.56	21	29.55	17
DEC.	91.5	52.9	72.2	1581.8	51.0	204.7	07	16.2	31	01	30.53	02	29.60	24
TOTAL NUM. AVE. MAX. MIN.	1087 12 90.5 96.3 83.1	547 12 45.5 55.2 38.4	817 12 68.0 75.1 61.8	21664 12 1805.3 2898.4 1027.1	713 12 59.4 93.5 33.1	1751 12 146.0 209.9 76.5	Nov-24	219 12 18.2 22.2 13.7	391 12 33 45 19.0	Feb-21	365.19 12 30.43 30.62 30.24	Jan-09	354.64 12 29.55 29.77 29.13	Mar-12
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6	AVERAGE BAROMETER					WEATHER CONDITION DAYS								
	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	2014	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	
	INCHES	INCHES	INCHES	INCHES	INCHES	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	
JAN.	30.22	29.90	30.06	30.05	0.01	0	2	8	4	2	2	9	0	
FEB.	30.19	29.91	30.05	30.02	0.03	1	1	5	1	1	3	8	0	
MAR.	30.16	29.88	30.02	30.04	-0.02	4	4	5	3	0	4	5	0	
APR.	30.15	29.91	30.03	29.98	0.05	0	0	0	3	3	17	5	0	
MAY	30.10	29.96	30.03	30.01	0.02	0	0	0	5	4	24	0	1	
JUN.	30.08	29.94	30.01	29.92	0.08	0	0	0	2	7	20	0	0	
JUL.	30.08	29.94	30.01	29.97	0.04	0	0	0	3	6	17	0	0	
AUG.	30.09	29.98	30.03	29.98	0.05	0	0	0	5	3	23	0	0	
SEP.	30.17	30.02	30.10	30.04	0.06	0	0	0	2	4	17	0	0	
OCT.	30.05	29.89	29.97	30.03	-0.06	0	0	0	3	1	16	3	0	
NOV.	30.22	29.97	30.09	30.12	-0.03	0	2	2	2	1	5	9	0	
DEC.	30.27	30.07	30.17	30.09	0.08	0	0	1	4	0	3	11	0	
TOTAL	361.77	359.36	360.56	360.25	0.31	5	9	21	37	32	151	50	1	
NUM.	12	12	12	12	12	12	12	12	12	12	12	12	12	
AVE.	30.15	29.95	30.05	30.02	0.03	0.4	0.8	1.8	3.1	2.7	12.6	4.2	0.1	
MAX.	30.27	30.07	30.17	30.12	0.08	4	4	8	5	7	24	11	1	
MIN.	30.05	29.88	29.97	29.92	-0.06	0	0	0	1	0	2	0	0	
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