

## Weather from 2016 East Central Area

### York RAINFALL

NAME	ADDRESS	TOTAL	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
Boadway, Tim	Mt Albert	463	48	40	49	118	74	43	91	43
King, Rodney	Stouffville	318	45	28	36	48	63	52	46	
Mitchell, Hugh	Richmond Hill	380	35	54	43	76	47	63	62	46
Mitchell, Hugh	King	432	42	60	35	86	77	52	80	64
Reesor, Burkholder	Stouffville	364	46	33	39	76	63	47	60	38
Sharview Farms	Sharon	355		42	50	93	77	29	64	
airport	Markham	335	44	30	50	64	60	36	51	45
Average		384	43	41	43	80	66	46	65	

### York CHU start May 1

NAME	ADDRESS	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT	end
Boadway, Tim	Mt Albert	3468	465	628	797	799	618	161	10th
King, Rodney	Stouffville	3712	437	647	813	849	635	331	26th
Mitchell, Hugh	Oak Ridges	3590	461	649	829	854	637	160	10th
Reesor, Burkholder	Stouffville	3957	557	712	878	850	630	330	26th
Sharview Farms	Sharon	3580	460	620	795	803	614	288	
airport	Markham	3801	473	663	845	860	640	320	26th
Average		3684	475	653	826	836	629	265	

### Durham RAINFALL

NAME	ADDRESS	TOTAL	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
Barrie, Tom	Bowmanville	297	45	23	35	58	63	33	40	40
Bowman, Eric	Enniskillen	390	41	37	33	89	92	43	55	
Norton, Murray	Uxbridge	383	24	25	27	92	86	69	60	
Shadyway	Sunderland	400	41	27	51	50	113	38	80	
Smith, Jim	Blackwater	460	44	25	58	58	134	47	94	34
Average		386	39	27	41	69	98	46	66	

### Durham CHU start May 1

NAME	ADDRESS	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT	end
Barrie, Tom	Bowmanville	3370	408	597	776	807	592	190	14th
Bowman, Eric	Enniskillen	3821	486	643	834	843	690	325	26th
Norton, Murray	Uxbridge	3416	447	614	795	808	594	158	10th
Shadyway	Sunderland	3680	458	644	821	835	626	296	26th
Smith, Jim	Blackwater	3373	433	596	790	805	600	149	10th
Youngfield	Nestleton	3420	454	615	794	808	599	150	10th
Average		3514	448	618	802	818	617	211	

### Peterborough RAINFALL

NAME	ADDRESS	TOTAL	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
Begg, Fred	Norwood	432	48	25	95	46	48	91	79	
Hoftzyer Farms	Hastings	313	35	19	58	51	47	36	67	44
Inglis, Dennis	Norwood	316	40	17	63	51	33	58	54	
Moore, Neil	Warsaw	335	30	18	82	35	28	71	71	
Trent U		293	33	15	56	42	58	38	51	42
Airport	Peterborough	190	25	15	32	22	50	46		
Average		323	35	18	64	41	44	57	64	

### Peterborough CHU start May 1

NAME	ADDRESS	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT	end
Begg, Fred	Norwood	3245	405	651	752	758	547	132	10th
Hoftzyer Farms	Hastings	3375	444	610	791	793	583	154	10th
Inglis, Dennis	Norwood	3814	501	665	829	850	660	309	26th
Trent U		3057	416	564	737	761	523	56	10th
Airport	Peterborough	3245	429	589	762	782	551	132	11th
Average		3348	439	616	774	789	573	157	

**Victoria (CKL) RAINFALL**

NAME	ADDRESS	TOTAL	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
Chase, Ken	Lindsay	410	47	19	35	65	138	37	69	
Daniels, Wayne	Lindsay	307		19	40	66	101	30	51	
Eastcot, Arnold	Carden	311		36	50	49	118	58		
Kinghorn, John	Woodville	421	47	27	40	73	133	52	49	
McLean, Robert	Omemee	337	21	12	48	44	62	76	74	
Moore, Neil	Lindsay	321	37	15	38	63	79	38	51	26
Peeters, Peter	Omemee	246	14	13	39	45	76	59		
Average		362	33	20	41	58	101	50	59	

**Victoria (CKL) CHU start May 1**

NAME	ADDRESS	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT	end
Daniels, Wayne	Lindsay	3361	462	627	797	831	644		
Eastcot, Arnold	Carden	3224	502	606	771	774	571		
Kinghorn, John	Woodville	3516	432	625	808	865	628	158	10th
McLean, Robert	Omemee	3724	500	686	859	873	656	150	10th
Moore, Neil	Lindsay	3313	430	593	783	790	567	150	10th
Average		3489	465	627	804	827	613	153	

**The Following Heat Units are from May 11**

WEATHER SUMMARY 1987 - 2016 at Lindsay = 30 years									
Crop Heat Units - May 11 to frost (-2). Frost on October 10, 2016 - Average = October 12									
Year	CHU	Year	CHU	1987 - 2016 ave	2013	2014	2015	2016	
1997	2850	2007	3410	May	313	300	355	347	352
1998	3155	2008	3111	June	629	640	640	605	593
1999	2979	2009	2805	July	764	773	700	718	784
2000	2593	2010	3329	Aug	725	709	676	695	790
2001	3027	2011	3427	Sept	501	484	497	615	567
2002	3054	2012	3157	Oct	129	253	105	144	150
2003	3018	2013	3159	TOTAL	3061	3159	2973	3124	3236
2004	3180	2014	2978 + 80 from May 1 = 3058						
2005	3358	2015	3124 + 182 from May 1 = 3306						
2006	3124	2016	3236 + 78 from May 1 = 3314						

Rainfall (mm) - April to October				1987 - 2016 ave	2013	2014	2015	2016	
Year	mm	Year	mm	April	64	80	109	59	37
1997	513	2007	434	May	76	75	45	77	15
1998	517	2008	751	June	80	86	64	158	38
1999	493	2009	644	July	72	30	112	49	63
2000	677	2010	489	Aug	80	149	61	62	79
2001	471	2011	640	Sept	80	67	75	77	38
2002	619	2012	618	Oct	75	142	90	67	51
2003	587	2013	629	TOTAL	527	629	556	548	321
2004	482	2014	556						
2005	513	2015	548						
2006	667	2016	321						

<b>WEATHER SUMMARY 1987 - 2016 at Bowmanville, Markham = 30 years</b>									
<b>Crop Heat Units - May 11 to frost (-2). Frost on October 26, 2016 - Average = October 16</b>									
Year	CHU	Year	CHU	1987 - 2016 ave		2013	2014	2015	2016
1997	2955	2007	3578	May	310	303	304	363	391
1998	3371	2008	3209	June	649	658	628	603	663
1999	3112	2009	3027	July	481	804	767	751	845
2000	2751	2010	3471	Aug	747	748	734	749	860
2001	3055	2011	3550	Sept	540	499	516	663	640
2002	3467	2012	3398	Oct	140.5	274	274	150	320
2003	3126	2013	3286	TOTAL	3168	3286	3336	3279	3719
2004	3247	2014	3336 + 89 from May 1 = 3425						
2005	3606	2015	3279 + 187 from May 1 = 3466						
2006	3309	2016	3719 + 82 from May 1 = 3801						

<b>Rainfall (mm) - April to October</b>				1987 - 2016 ave		2013	2014	2015	2016
Year	mm	Year	mm	April	73	99	89	80	44
1997	507	2007	315	May	76	80	60	64	30
1998	440	2008	689	June	88	167	90	158	50
1999	516	2009	645	July	76	103	105	31	64
2000	670	2010	655	Aug	74	95	99	68	60
2001	526	2011	632	Sept	89	79	128	83	36
2002	421	2012	697	Oct	71	103	86	91	51
2003	547	2013	726	TOTAL	547	726	657	575	335
2004	468	2014	657						
2005	431	2015	575						
2006	543	2016	335						

<b>Area Average Comparison</b>			Difference	Rain	2015	2016	difference
HU	2015	2016		Durham	614	386	-228
Durham	3422	3514	92	Peterboro	612	323	-289
Peterboro	3281	3348	67	Victoria	582	362	-220
Victoria	3355	3489	134	York	569	384	-185
York	3472	3684	212	North'land	587	337	-250
North'land	3452	3565	113				

**Weather station comparison at Lindsay for 2016**

CHU	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT
National G	3499	476	619	831	831	589	153
AcuRite 1	3538	509	626	813	811	615	164
AcuRite 2	3382	454	606	788	795	586	153
Davis	3314	430	593	784	790	567	150
Average	3433	467	611	804	807	589	155

Rain	TOTAL	APR	MAY	JUN	JUL	AUG	SEPT	OCT
National G	255	28	13	30	42	62	35	45
AcuRite 1	367	38	17	40	75	86	42	69
AcuRite 2	346	36	16	36	71	84	39	64
Davis	321	37	15	38	63	79	38	51
Average	322	35	15	36	63	78	39	57

## Weather from 2016 Quinte Area

### Lennox & Addington/ Prince Edward RAINFALL

NAME	ADDRESS	TOTAL	November rain not in Totals							
			APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
Kaiser Lake Farms	Napanee	426	29	25	63	18	81	60	150	40
Kingston		415	20	17	82	20	93	49	134	32
DeSousa, S	Mountain View	363	51	28	44	20	74	58	88	
Williams, B & H	Bloomfield	484	64	20	64	16	102	93	125	

### Northumberland RAINFALL

NAME	ADDRESS	TOTAL	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV
M Clitherow	Codrington	310	17	22	55	34	60	41	81	
D Laver	Warkworth	323	19	15	82	32	68	33	74	
E Lawlor	Castleton	340	16	19	49	54	82	47	73	
R Poole	Hastings	326	21	23	64	24	72	58	64	
D Young	Brighton	411	19	11	69	43	101	67	101	
Stewart,B	Brighton	327		25	54	31	93	40	84	42
Thrower, M	Warkworth	256	31	16	66	46	70	27		23
Townsend,G	Campbellford	301	35	22	59	33	61	24	67	42
Cobourg		277		19	43	33	68	46	68	49
Trenton		372	35	24	49	33	95	43	93	49
Average		337	24	20	59	36	77	43	78	

### Lennox & Addington/ Prince Edward CHU start May 1

NAME	ADDRESS	TOTAL	MAY	JUN	JUL	AUG	SEPT	OCT	end
Kaiser Lake Farms	Napanee	3578	462	645	812	846	654	159	14th
Kingston		3466	405	625	819	839	605	173	14th
DeSousa, S	Mountain View	3682	459	661	834	877	660	191	14th

### Northumberland CHU start May 1

NAME	ADDRESS	TOTAL	MAY	JUNE	JULY	AUG	SEPT	OCT	end
D Laver	Warkworth	3753	481	656	832	824	614	346	18th
R Poole	Hastings	3546	461	627	768	807	604	279	18th
Stewart,B	Brighton	3610	468	670	843	791	651	187	25th
Thrower,M	Warkworth	3399	468	654	831	837	609		
Townsend,G	Campbellford	3327	429	615	779	797	569	138	10th
Cobourg		3518	324	606	820	805	651	312	25th
Trenton		3567	463	647	823	843	608	183	14th
Average		3565	442	639	814	815	615	240	