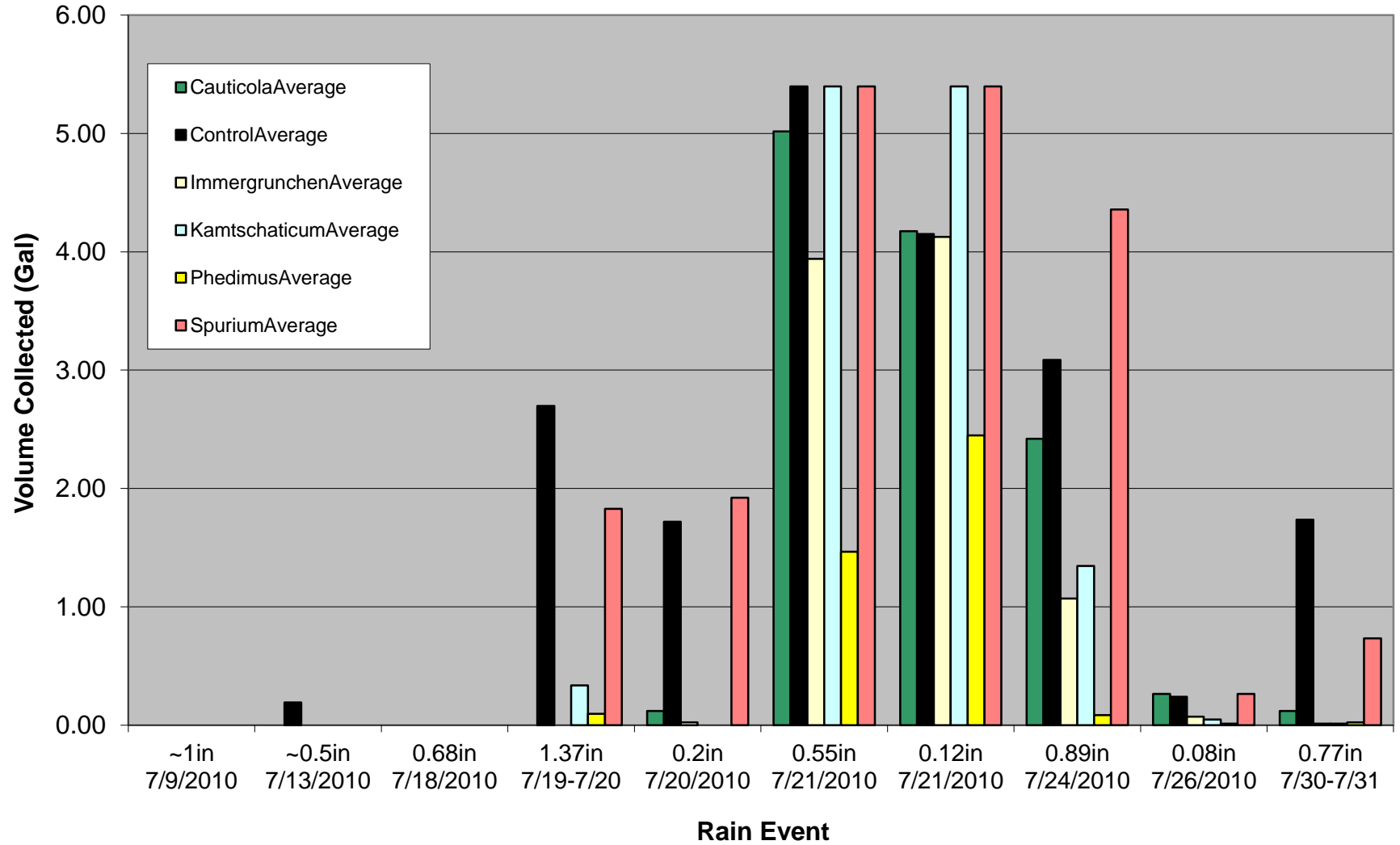


Green Wall Average Runoff: July 2010



Stormwater Runoff for July 2010 (Gallons)

Date of Rain Event	~1in 7/9/2010	~0.5in 7/13/2010	0.68in 7/18/2010	1.37in 7/19-7/20	0.2in 7/20/2010	0.55in 7/21/2010	0.12in 7/21/2010	0.89in 7/24/2010	0.08in 7/26/2010	0.77in 7/30-7/31
Rainfall (in):	~1	~0.5	0.68	1.37	0.2	0.55	0.12	0.89	0.08	0.77
Green Wall										
Cauticola	0.00	0.00	0.00	0.00	0.29	5.40	5.40	3.88	0.43	0.29
Cauticola	0.00	0.00	0.00	0.00	0.07	5.40	5.40	3.34	0.36	0.04
Cauticola	0.00	0.00	0.00	0.00	0.00	4.26	1.73	0.04	0.00	0.04
CauticolaAverage	0.00	0.00	0.00	0.00	0.12	5.02	4.17	2.42	0.26	0.12
Control	0.00	0.58	0.00		0.72	5.40	5.40	3.57	0.04	1.30
Control	0.00	0.00	0.00	0.00	0.86	5.40	1.66	0.29	0.04	0.04
Control	0.00	0.00	0.00	5.40	3.57	5.40	5.40	5.40	0.65	3.88
ControlAverage	0.00	0.19	0.00	2.70	1.72	5.40	4.15	3.09	0.24	1.74
Immergrunchen	0.00	0.00	0.00	0.00	0.07	5.40	5.40	2.09	0.04	0.04
Immergrunchen	0.00	0.00	0.00	0.00	0.00	4.41	1.59	0.04	0.04	0.00
Immergrunchen	0.00	0.00	0.00	0.00	0.00	2.02	5.40	1.08	0.14	0.00
ImmergrunchenAverage	0.00	0.00	0.00	0.00	0.02	3.94	4.13	1.07	0.07	0.01
Kamtschaticum	0.00	0.00	0.00	0.00	0.00	5.40	5.40	1.37	0.07	0.00
Kamtschaticum	0.00	0.00	0.00	1.01	0.00	5.40	5.40	1.87	0.04	0.04
Kamtschaticum	0.00	0.00	0.00	0.00	0.00	5.40	5.40	0.79	0.04	0.00
KamtschaticumAverage	0.00	0.00	0.00	0.34	0.00	5.40	5.40	1.34	0.05	0.01
Phedimus	0.00	0.00	0.00	0.29	0.00	1.30	4.03	0.14	0.00	0.00
Phedimus	0.00	0.00	0.00	0.00	0.00	2.02	1.15	0.07	0.04	0.04
Phedimus	0.00	0.00	0.00	0.00	0.00	1.08	2.16	0.04	0.00	0.04
PhedimusAverage	0.00	0.00	0.00	0.10	0.00	1.47	2.45	0.08	0.01	0.02
Spurium	0.00	0.00	0.00	1.59	2.02	5.40	5.40	5.40	0.43	0.86
Spurium	0.00	0.00	0.00	0.94	1.66	5.40	5.40	4.64	0.29	1.30
Spurium	0.00	0.00	0.00	2.96	2.09	5.40	5.40	3.04	0.07	0.04
SpuriumAverage	0.00	0.00	0.00	1.83	1.92	5.40	5.40	4.36	0.26	0.73

y=0.5456x

(Gal in retention unit)

R²=0.9992

For <17.75cm

At 35.5 cm, retention unit is full

Faulty Data=pipe disconnected

y=0.5756x

Rainfall Data from <http://www.weather62025.com>

R²=0.9942

For >17.75

Stormwater Runoff for July 2010 (Liters)

Date of Rain Event	7/9/2010	7/13/2010	7/18/2010	7/19-7/20	7/20/2010	7/21/2010	7/21/2010	7/24/2010	7/26/2010	7/30-7/31
Rainfall (in):	~1	~0.5	0.68	1.37	0.2	0.55	0.12	0.89	0.08	0.77
Green Wall										
Control	0.00	2.18	0.00		2.73	20.43	20.43	13.53	0.14	4.91
Immergrunchen	0.00	0.00	0.00	0.00	0.27	20.43	20.43	7.91	0.14	0.14
Kamtschaticum	0.00	0.00	0.00	0.00	0.00	20.43	20.43	5.18	0.27	0.00
Phedimus	0.00	0.00	0.00	1.09	0.00	4.91	15.25	0.55	0.00	0.00
Spurium	0.00	0.00	0.00	6.00	7.64	20.43	20.43	20.43	1.64	3.27
Cauticola	0.00	0.00	0.00	0.00	1.09	20.43	20.43	14.68	1.64	1.09
Cauticola	0.00	0.00	0.00	0.00	0.27	20.43	20.43	12.66	1.36	0.14
Kamtschaticum	0.00	0.00	0.00	3.82	0.00	20.43	20.43	7.09	0.14	0.14
Spurium	0.00	0.00	0.00	3.55	6.27	20.43	20.43	17.56	1.09	4.91
Control	0.00	0.00	0.00	0.00	3.27	20.43	6.27	1.09	0.14	0.14
Phedimus	0.00	0.00	0.00	0.00	0.00	7.64	4.36	0.27	0.14	0.14
Immergrunchen	0.00	0.00	0.00	0.00	0.00	16.69	6.00	0.14	0.14	0.00
Cauticola	0.00	0.00	0.00	0.00	0.00	16.12	6.55	0.14	0.00	0.14
Phedimus	0.00	0.00	0.00	0.00	0.00	4.09	8.18	0.14	0.00	0.14
Spurium	0.00	0.00	0.00	11.22	7.91	20.43	20.43	11.51	0.27	0.14
Control	0.00	0.00	0.00	20.43	13.53	20.43	20.43	20.43	2.46	14.68
Kamtschaticum	0.00	0.00	0.00	0.00	0.00	20.43	20.43	3.00	0.14	0.00
Immergrunchen	0.00	0.00	0.00	0.00	0.00	7.64	20.43	4.09	0.55	0.00

(L in retention unit)

$y=0.5456x$

$R^2=0.9992$

For 0-17.75cm

At 35.5 cm, retention unit is full

Faulty Data=pipe disconnected

Rainfall Data from <http://www.weather62025.com>

$y=0.5756x$

$R^2=0.9942$

For 17.76-35.5cm

$=IF(B4<17.75;0.5456*B4;0.5756*B4)$

Stormwater Runoff for July 2010 (cm)

Date of Rain Event	7/9/2010	7/13/2010	7/18/2010	7/19-7/20	7/20/2010	7/21/2010	7/21/2010	7/24/2010	7/26/2010	7/30-7/31
Rainfall (in):	~1	~0.5	0.68	1.37	0.2	0.55	0.12	0.89	0.08	0.77
Green Wall										
Control	0	4	0		5	35.5	35.5	23.5	0.25	9
Immergrunchen	0	0	0	0	0.5	35.5	35.5	14.5	0.25	0.25
Kamtschaticum	0	0	0	0	0	35.5	35.5	9.5	0.5	0
Phedimus	0	0	0	2	0	9	26.5	1	0	0
Spurium	0	0	0	11	14	35.5	35.5	35.5	3	6
Cauticola	0	0	0	0	2	35.5	35.5	25.5	3	2
Cauticola	0	0	0	0	0.5	35.5	35.5	22	2.5	0.25
Kamtschaticum	0	0	0	7	0	35.5	35.5	13	0.25	0.25
Spurium	0	0	0	6.5	11.5	35.5	35.5	30.5	2	9
Control	0	0	0	0	6	35.5	11.5	2	0.25	0.25
Phedimus	0	0	0	0	0	14	8	0.5	0.25	0.25
Immergrunchen	0	0	0	0	0	29	11	0.25	0.25	0
Cauticola	0	0	0	0	0	28	12	0.25	0	0.25
Phedimus	0	0	0	0	0	7.5	15	0.25	0	0.25
Spurium	0	0	0	19.5	14.5	35.5	35.5	20	0.5	0.25
Control	0	0	0	35.5	23.5	35.5	35.5	35.5	4.5	25.5
Kamtschaticum	0	0	0	0	0	35.5	35.5	5.5	0.25	0
Immergrunchen	0	0	0	0	0	14	35.5	7.5	1	0

(cm in retention unit)

At 35.5 cm, retention unit is full

Missing Data=pipe disconnected

For measurements >0 but <0.5cm, using 0.25cm (measurement with metric ruler not possible at this level)

Rainfall Data from <http://www.weather62025.com>