rain gauge comparison results

Have started looking at the comparison between the various rain gauges. In this analysis, I removed [data when the wetness sensor indicated dry conditions?] There have been several major rain events, but not all sensors were working:

Date	understory	ott. pond	tb.pond	wxt. pond	wetness. pond
6/1	ok	ok	wire stretched	misconfigured	ok
6/5-6/6	plugged	ok	wire streched	misconfigured	ok
6/7	plugged	ok	wire stretched	ok	ok
6/17-6/18	plugged	ok	ok	ok	died
6/28	branch hit	ok	ok	ok	ok
6/29	ok	ok	ok	ok	ok

As far as I know, there were no sensor issues for the remainder of the experiment.

Daily storm totals (to nearest mm):

Date	understory	ott. pond	tb. pond	wxt. pond
6/1	32	41	40	
6/2	3	1	1	
6/6	3 (plugged)	18		
6/7	1 (plugged)	50		13 (misconfig)
6/9	0	2	2	3
6/14	3	3	3	4
6/17		12	12	16
6/18	3 (plugged)	10	11	13
6/24	1	1	1	2
6/28	0	0	0	1
6/29	1 (hit)	18	19	21
7/3	9	7	7	9
7/4	1	3	3	2
7/5	4	12	15	11
7/6	6	14	17	14
7/7	0	3	3	3
7/9	0	1	1	1
7/10	1	1	1	3
7/11	49	44	52	58
7/13	0	1	1	1
7/14	3	2	2	2
7/15	4	3	4	3
Total	139	259	207	191
Total (all sensors working)	92	106	118	126

SUMMARY:

- Ott and siphoning tipping bucket agree very well (when totaled multiple days, agree to within 4%).

- WXT is high by about 30% (when totaled mulitple days)

- We don't have much good data from the understory gauge.