

PACRAT Pacesetter Explanation

The following is an explanation of how the zero par times (ZPT) for our race courses are calculated. Historically we have used consistent PACRAT racers as “pacesetters”. The pacesetter handicap is calculated as the average handicap from the prior race year. We pick a big enough pool of pacesetters that are used throughout the season so we have a good sample size. For each race, ZPT’s are calculated for each pacesetter and the average ZPT from all pacesetters is what is used as the course ZPT. If there are obvious outliers, we exclude them before calculating the average.

To make the pacesetter/ZPT process more transparent, we use racers from last season that completed at least four races (with one exception) and have a spread of handicaps from last year’s races that provide for a reasonably small standard deviation (3.0 or less for this year’s pacesetters). This provides a list of enough names to provide a good pool at each race. The list below is the pacesetter list for the upcoming race year. Please note that some of these racers are not racing this year. The pacesetter handicap will be the average handicap from the prior race year. For each race, ZPT’s will be calculated for each pacesetter and the average ZPT from all pacesetters is what will be used as the course ZPT. Individual pacesetter ZPT’s that are more than 3% bigger or smaller than the initial average ZPT will be taken out of the final average calculation.

Lname	Fname	M/F	2019 Handicaps					Std Dev	Ave. All Races
			1	2	3	4	5		
Georgeades	Jonathan	M	21.7		22.9	22.3	21.5	0.6	22.1
Hamalainen	Blake	M	18.8	17.1	16.7	16.7	16.3	1.0	17.1
Barnes	Ryan	M		12.6	13.9	15.6	15.3	1.4	14.4
Bean	Alan	M	15.4	16.6	15.7	15.6	19.0	1.5	16.5
VonPinnion	Jenny	F	37.3	38.7	35.1		36.1	1.6	36.8
Parshall	Bruce	M	16.7	15.4	16.1	13.7	18.1	1.6	16.0
Steffey	Ryan	M	21.2	21.1	20.3	18.7	17.1	1.8	19.7
Brunette	Kaylee	F		34.7		36.2	32.7	1.8	34.5
Estell	Greg	M	36.1	40.3	36.2	37.3	38.8	1.8	37.7
Rust	Wendy	F	42.7	41.9	46.0	43.5	41.1	1.9	43.0
Brown	Bob	M	34.0	33.5	32.7	37.6	34.8	1.9	34.5
Bard	Jennifer	F	16.4	16.6	20.9	16.9	18.6	1.9	17.9
Williamson	John	M	40.9	40.8	43.2		44.9	2.0	42.5
Foord	Conrad	M	34.6	37.9	40.0	36.6	36.8	2.0	37.2
Crosier	Steven	M	20.2	21.7	19.5		16.6	2.1	19.5
Taylor	Kyle	M	4.1	7.9	9.5	9.3	8.3	2.2	7.8
Christensen	Emily	F	20.0	21.4	19.6	24.1	24.4	2.2	21.9
Dodd	Peter	M	11.9	9.6	12.9	7.1	9.8	2.3	10.3
Bogatin	Brian	M	10.8	15.4	10.4	11.5		2.3	12.0
Wiley	Chris	M	18.6	22.8	22.6	18.2	18.5	2.3	20.1
Pressentin	Barb	F	17.4	21.5	22.0	22.0	23.8	2.4	21.3
Matusow	Gary	M	13.4	18.5	15.2	12.7	17.0	2.4	15.4
Tollefson	Brad	M	17.0		23.0	20.6	20.2	2.5	20.2
Diehl	Robert	M	39.8	43.4	41.5	42.2	46.5	2.5	42.7
Hill	Dexter	M	28.6		28.3	31.7	33.5	2.5	30.5
Soper	Paul	M	5.7	8.2	10.6	9.2	12.4	2.5	9.2
Barton	John	M	31.5	37.5	33.1		33.6	2.5	33.9
Cressy	Robin	M	25.9	31.0	30.6	25.6	29.3	2.6	28.5
Erkkila	Kelsi	F	22.1	24.8	22.8	22.2	28.3	2.6	24.0
Lawrence	Bob	M	22.3	28.4		24.1	26.7	2.7	25.4
Parshall	Dale	M	8.7	12.7	14.4	7.7	12.8	2.9	11.3
Mant	Phil	M	34.3	36.8	37.5	39.6	42.2	3.0	38.1
Holland	Dan	M	55.0		47.7	52.2	51.1	3.0	51.5