

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 and have a spread of handicaps from last year’s races that provide for a reasonably small standard deviation (2.5 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	2016 Handicaps					Std Dev	Ave. All Races
			1	2	3	4	5		
Mihalko	Geoff	M	8.7	8.6		9	9.3	0.3	8.9
Lyshaug	Paul	M	14.9	14.2	14.6	14.5	15.7	0.6	14.8
Zook	Kent	M	43.7	41.5		41.7	42.7	1.0	42.4
Bean	Alan	M	17.4	18.3	17.6	19.7	16.6	1.2	17.9
Savara	Raj	M	34.5	36	33.2	33.1	33.3	1.2	34.0
Rogers	Jason	M	18.3	17.6	20.1	18.3	16.7	1.2	18.2
Polaski	Alan	M		25.8	25.1	24.6	27.5	1.3	25.8
Parshall	Bruce	M	15.8	16.6		15.4	18.5	1.4	16.6
Smoot	Rob	M	22.6	25		21.8	23.9	1.4	23.3
Hill	Dexter	M	32.8	32.8	29.9	31	33.4	1.5	32.0
Smoot	Alex	M	10.8	8.4	11.4	9.3	12.2	1.5	10.4
Rogers	Sadie	F	33.1	29.3	31		30.8	1.6	31.1
Anderson	Violet	F	25.5	27.3	25.5	24.2	22.8	1.7	25.1
Larson	David	M	36		37.5	40	37.1	1.7	37.7
Dodd	Peter	M	2.7	4.3	6.6		5.7	1.7	4.8
Bergner	Gunther	M	5.7	8	8.4	3.8	6.5	1.9	6.5
Loriaux	Marc	M	17.8		17.9	21.7	20.3	1.9	19.4
Peck	Jason	M	13.3	13.7	11.6	16.3	15.8	1.9	14.1
Peck	Mike	M		11.6	8.1	7.8	7.4	1.9	8.7
Bennett	Christian	M	10.6	9.5	12.9	14.6	11.5	2.0	11.8
Hobart	Andrew	M	20.1	16.2	17.5	21.2	19.1	2.0	18.8
Hilliker	Steve	M	25.4	24.4	27.7		22.9	2.0	25.1
Taylor	Kyle	M	12.6	11	8.4	7.3	9.2	2.1	9.7
Sarich	Steve	M	5.3	9.5	4.6	5	4.3	2.1	5.7
Hall	Troy	M	36.6	41.5	37.8	39.6		2.1	38.9
Estell	Greg	M	42.5	39.5	42.8	37.6	41	2.2	40.7
Miller	Adam	M	11.9	10.6	9.1	6.1	8.9	2.2	9.3
Krider	Katy	F	36.1	37.9	39	33.1	36.4	2.2	36.5
Nelson	Kent	M	20.2	21.7	16.5	20.9		2.3	19.8
Jones	Christopher	M	39.9	40.8	38.3		35.5	2.3	38.6
Foord	Conrad	M	45.2	44.5	39.6	42.2	40.5	2.4	42.4
Smith	McCoy	M	33.4	37.5	33.6	30.6	33	2.5	33.6
Brown	Bob	M	43.9	42.3	39.4	37.8	39.1	2.5	40.5
Kearns	Sylvia	F		58	61.8	63.3	63.4	2.5	61.6