

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. 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	2018 Handicaps					Std Dev	Ave. All Races
			1	2	3	4	5		
Hamalainen	Blake	M	17.0	15.6		18.0	17.0	1.0	16.9
Mant	Phil	M	38.2	37.8	35.8	36.0	35.5	1.2	36.7
Loos	Sam	M	22.9	25.4	24.0	22.1	22.6	1.3	23.4
Dries	Dennis	M	17.4	20.5	17.1	19.2	18.7	1.4	18.6
Stanford	Mark	M	13.7	10.6	12.4	14.2	13.2	1.4	12.8
Taylor	Kyle	M	8.3	8.2	5.5	9.5	8.4	1.5	8.0
Bennett	Christian	M	11.9	12.1	14.4	10.0	12.6	1.6	12.2
Scott	Tom	M	16.5		19.0	18.6	20.4	1.6	18.6
Crosier	Steven	M	20.6	24.3	24.6	22.0	23.0	1.7	22.9
Tidball	Paul	M	35.8	36.2	36.6		39.5	1.7	37.0
Brunette	Ulla	F	24.2	28.4	27.2	25.5	24.9	1.7	26.0
Morton	Breanne	F	13.2	16.1	11.1	14.3	14.3	1.8	13.8
Sarich	Steve	M	6.7	6.7	3.1	3.6	7.0	1.9	5.4
Hamalainen	Natalia	F	19.9	19.8		23.3	18.8	2.0	20.5
Bean	Alan	M	19.6	14.7	15.2	16.0	17.6	2.0	16.6
Barnes	Ryan	M	15.6	17.9	12.4	14.1	16.1	2.1	15.2
Tollefson	Brad	M	23.4	21.2	18.6	18.4	21.3	2.1	20.6
Parshall	Dale	M	16.8	15.5	14.4	13.9	10.8	2.2	14.3
Smith	McCoy	M	32.5	33.1	36.6	35.4	30.7	2.4	33.7
Wiley	Chris	M	20.3	23.6	23.2	20.5	17.8	2.4	21.1
Bergner	Gunther	M	9.0	8.7	4.1	7.6	10.4	2.4	8.0
Rust	Wendy	F	42.1	46.4	43.2	44.5	40.1	2.4	43.3
Peck	Mike	M	7.7	9.1	3.7	8.3		2.4	7.2
Claussen	Steve	M	31.6	31.7		28.5	26.8	2.4	29.7
Steffey	Ryan	M	20.2	24.1	20.3	18.2	18.0	2.5	20.2
Hartnell	Morgan	F		51.2	54.6	48.6	50.9	2.5	51.3
Tarbell	Kieffer	M	17.6	15.8	21.6		17.1	2.5	18.0
Geschke	Grant	M	32.1	32.9	29.8	36.6	31.4	2.5	32.6