

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 three races 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. 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	2021 Handicaps				Ave. All Races	Fri/Sun
			1	2	3	Std Dev		
Schmidt	Roxanne	F	40.4	39.2	39.9	0.6	39.8	S
Dries	Dennis	M	21.6	21.0	20.2	0.7	20.9	S
Loop	Ken	M	53.1	51.6	53.5	1.0	52.7	S
Parshall	Bruce	M	15.9	17.8	16.3	1.0	16.7	S
Steffy	Ryan	M	22.5	20.3	21.1	1.1	21.3	F
Miller	Adam	M	9.9	8.1	7.7	1.2	8.6	S
Peck	Jason	M	19.2	20.9	18.6	1.2	19.6	S
Fouts	Samy	F	51.8	50.9	49.4	1.2	50.7	F
Rogers	Jason	M	13.3	16.0	13.9	1.4	14.4	S
Bergner	Gunter	M	8.1	5.1	6.1	1.5	6.4	F
Peck	Mike	M	2.2	4.4	5.3	1.6	4.0	F
Long	Mike	M	31.0	27.8	29.3	1.6	29.4	S
Foord	Conrad	M	37.5	35.2	34.4	1.6	35.7	S
Smoot	Alex	M	10.2	7.3	7.4	1.6	8.3	S
Malstrom	Tyler	M	22.6	24.3	26.3	1.9	24.4	S
Barton	John	M	35.5	39.2	36.8	1.9	37.2	F
Tanner	Derrik	M	25.8	24.7	22.1	1.9	24.2	F
Hamalainen	Blake	M	10.9	14.2	10.8	1.9	12.0	S
Bennett	Christian	M	14.4	11.0	10.8	2.0	12.1	S
Izer	David	M	32.7	32.9	29.0	2.2	31.5	F
Larson	Christopher	M	25.4	23.3	27.9	2.3	25.5	S
Parshall	Dale	M	9.0	13.3	9.7	2.3	10.7	S
Loos	Sam	M	18.8	14.9	19.1	2.3	17.6	S
Trulsen	David	M	52.3	54.9	50.2	2.4	52.5	F
Andersen-Green	Cleo	F	24.4	26.2	21.3	2.5	24.0	S
Hobart	Andy	M	17.2	21.1	16.5	2.5	18.3	S
Taylor	Kyle	M	12.5	8.0	8.1	2.6	9.5	S
Walker	Jack	M	22.4	26.7	27.0	2.6	25.4	S
Carr	Trenton	M	30.4	34.6	35.3	2.7	33.4	F
Howard	Chuck	M	25.4	29.6	30.4	2.7	28.5	F
Dodd	Peter	M	9.8	5.1	5.1	2.7	6.7	F
Mancuso	Daniel	M	31.6	31.6	26.9	2.7	30.0	F
Murphy	Andrew	M	22.0	25.5	20.0	2.8	22.5	S
Lawrence	Bob	M	22.2	25.0	19.3	2.9	22.2	F
Anderson	Armond	M	33.4	31.4	27.7	2.9	30.8	F
Nimmo	Marina	F	21.8	26.4	20.7	3.0	23.0	S