

Olathe Half Marathon / Marathon Race Prediction Chart

A Sound Approach to Choosing the appropriate Pace Team

This prediction chart was calculated by Gerry Purdy in his book, Computerized Running Training Programs. I have rounded the numbers to make it easier to remember the corresponding times for your target race. For the average runner under average conditions, a 22 minute 5K would give them the necessary speed to do a 3:40 marathon. Conversely, a 4 hour marathoner should be able to run a sub 1:53 half marathon. Of course, there will be a variety of outcomes on either side of this performance curve depending on the race course, weather, training specific to the distance, mental preparation, and pacing strategies, to name a few. Each person will tend to have a niche distance that they will do better at. However, the chart is accurate for most people. In other words, use it with discretion.

Even with Olathe's gently rolling terrain, first time marathoners should wisely choose the next pace group or two back for their given time in the shorter races since the number one goal should be to finish with time as a secondary goal. And, it's better to start conservatively with the option to pick it up rather than starting aggressively and be forced to slow down later on. For all others, a time achieved on a gently rolling tune up race course will prove to be more accurate as will a race closer to the marathon (no closer than 2 weeks for a 5K, 3 weeks for a 10K, and 4 weeks for a half marathon).

If you cannot make it to a race, substitute one of your workouts for a time trial on a track or measured trail on relatively flat terrain. Warm up 20 minutes, then run as smart and hard as you can for 3 miles (inside of lane 1 for 12 laps on a track – 4 laps to a mile) followed by a 5-10 minute cool down jog. You can take your pace and look at what this pace for a 5K equates to for your target race.

In helping you choose a more appropriate pace team given your ability, it will prove to be a win-win situation as more people will actually get to run and work together from start to finish with the guidance of our pacers. Good luck in choosing wisely!

5K		10K		Half Marathon		*MARATHON PACE TEAMS*	
<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>
21:00	6:45	44:20	7:05	1:38	7:30	3:30	8:00
22:00	7:05	46:25	7:25	1:43:30	7:55	3:40	8:20
22:55	7:20	48:25	7:45	1:48:15	8:15	3:50	8:45
23:50	7:40	50:25	8:05	1:52:45	8:40	4:00	9:10
24:45	7:55	52:30	8:25	1:57:30	8:55	4:10	9:30
25:40	8:15	54:30	8:45	2:02	9:20	4:20	9:55
26:35	8:30	56:30	9:05	2:06:30	9:40	4:30	10:20
27:30	8:50	58:30	9:25	2:11	10:00	4:40	10:40
28:25	9:10	1:00:35	9:45	2:15:30	10:20	4:50	11:00
29:20	9:25	1:02:25	10:00	2:20	10:40	5:00	11:25
30:40	9:50	1:05:40	10:30	2:26:45	11:10	5:15	12:00

5K		10K		*HALF MARATHON TEAMS*		Marathon	
<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>	<u>Time</u>	<u>Pace</u>
21:20	6:50	45:00	7:15	1:40	7:35	3:33	8:10
22:15	7:10	47:00	7:35	1:45	8:00	3:43:30	8:30
23:30	7:30	49:40	8:00	1:50	8:25	3:55:30	9:00
24:15	7:50	51:25	8:15	1:55	8:50	4:05	9:20
25:30	8:10	54:00	8:40	2:00	9:10	4:17:20	9:50
26:15	8:30	55:50	9:00	2:05	9:30	4:26:40	10:10
27:25	8:50	58:15	9:20	2:10	9:55	4:39:15	10:40
28:20	9:10	1:00:25	9:45	2:15	10:20	4:50:20	11:05
29:25	9:30	1:02:50	10:05	2:20	10:40	5:02	11:30
30:25	9:50	1:05	10:25	2:25	11:05	5:12	11:55
31:25	10:05	1:07:15	10:45	2:30	11:30	5:24	12:20