WORLD ATHLETICS – AIMS COURSE MEASUREMENT DETAILS
Request for Certificate of measurement

Please join this request to the complete report of measurement (select areas with TAB key)

Name of race:	**Hülskens Marathon Wesel**
Distance of race:	half marathon
Reason:	New measurement
City:	Wesel
Country:	Germany
Type of course:	lap
Terrain	flat
Ground	Street + Path
Date of event:	2026-01-04
Date of measurement:	2025-12-22
AIMS member:	no
WA label:	no

Separation between start and finish as the crow flight (TR 55.2 IWR):

Separation: 187 m 0,89 %

Elevation change +/- (TR 55.3 IWR):

Start altitude: 22 m Finish altitude: 22 m Drop = +/- 0 m/km

Name of WA/AIMS Measurer(s): Detlev Ackermann (info@laufen-in-koeln.de) WA/AIMS Grade A

Country of measurer (s) Germany

Local measurer:

Date: 2025-12-26

Notification:
This report is to certify that the length of the above road race has been established by a World Athletics approved A or B course measurer employing the “Calibrated Bicycle Method”. The course shall be measured along the shortest possible route that an athlete could follow within the section of the road permitted for use in the race. A course measurement certificate is valid for 5 years, after which the course shall be remeasured even when there are no obvious changes to it.

WA/AIMS area Administrator : JONES Hugh (aimssec@aol.com)

Section reserved by Administrator:

Date registered:

Certificate Number:

Expiry Date: 31/12/

WORLD ATHLETICS – AIMS COURSE MEASUREMENT • printed form 1-22.10 • Copyright reserved!

WORLD ATHLETICS – AIMS COURSE MEASUREMENT DETAILS
Request for Certificate of measurement

Please join this request to the complete report of measurement (select areas with TAB key)

Name of race:	**Hülskens Marathon Wesel**
Distance of race:	marathon
Reason:	New measurement
City:	Wesel
Country:	Germany
Type of course:	lap
Terrain	flat
Ground	Street + Path
Date of event:	2026-01-04
Date of measurement:	2025-12-22
AIMS member:	no
WA label:	no

Separation between start and finish as the crow flight (TR 55.2 IWR):

Separation: 347 m 0,82 %

Elevation change +/- (TR 55.3 IWR):

Start altitude: 22 m Finish altitude: 22 m Drop = +/- 0 m/km

Name of WA/AIMS Measurer(s): Detlev Ackermann (info@laufen-in-koeln.de) WA/AIMS Grade A

Country of measurer (s) Germany

Local measurer:

Date: 2025-12-26

Notification:
This report is to certify that the length of the above road race has been established by a World Athletics approved A or B course measurer employing the “Calibrated Bicycle Method”. The course shall be measured along the shortest possible route that an athlete could follow within the section of the road permitted for use in the race. A course measurement certificate is valid for 5 years, after which the course shall be remeasured even when there are no obvious changes to it.

WA/AIMS area Administrator : JONES Hugh (aimssec@aol.com)

Section reserved by Administrator:

Date registered:

Certificate Number:

Expiry Date: 31/12/

WORLD ATHLETICS – AIMS COURSE MEASUREMENT • printed form 1-22.10 • Copyright reserved!

Name of Race: Hülkens Marathon Wesel

Race Director / address: Christopher Kloß, In der Aue 1, 46487 Wesel

Running courses

The race is run on a 7,106 m loop. The start points for the marathon and half marathon are located on Auendamm (see figures: start points and finish). The finish is reached via a 94,19 m deviation from the course loop.

Description of the course (21,098 km Half Marathon):

KM	Change of direction	Location - Street - Position
0,000	(MP X) Straight ahead	on Auendamm
		1st lap
	Straight across	the roundabout island
0,423	(MP D) Right-hand	turn into Rheinwardt Street
0,683	(MP E) Proceed straight	across Rheinweg and through the barrier
1,000		***MP E + 317,45 m***
2,000		***MP F – 211,86 m***
2,212	(MP F) Turn right	onto the path
2,239	(MP G) Turn left	and continue on the path
3,000		***MP G + 761,02 m***
4,000		***MP H – 473,39 m***
4,473	(MP H) Straight ahead	continue on the path
5,000		***MP I - 82,92 m***
5,083	(MP I) Straight ahead	continue on the path
6,000		***MP J - 437,68 m***
6,438	(MP J) Right-hand turn	onto the cycle path off Auendamm
6,616	(MP K) Turn right	into In der Aue
6,709	(MP L) Turn left	towards the athletics stadium
6,752	(MP M) Bear right	towards the athletics stadium
6,791	(MP A) Turn left	Turn left pass south of the stadium, towards the parking area
		2nd lap
7,000		***MP B - 25,89 m***
7,026	(MP B) Turn left	through the gate towards Auendamm
7,178	(MP C) Turn right	onto the cycle path off Auendamm
7,529	(MP D) Right-hand	turn into Rheinwardt Street
7,789	(MP E) Proceed straight	across Rheinweg and through the barrier
8,000		***MP E + 211,44 m***
9,000		***MP F - 317,87 m***
9,318	(MP F) Turn right	onto the path
9,345	(MP G) Turn left	and continue on the path
10,000		***MP G + 655,01 m***
11,000		***MP H - 579,4 m***
11,579	(MP H) Straight ahead	continue on the path
12,000		***MP I - 188,93 m***
13,000		***MP J - 543,69 m***
12,189	(MP I) Straight ahead	continue on the path
13,544	(MP J) Right-hand turn	onto the cycle path off Auendamm
13,722	(MP K) Turn right	into In der Aue
13,815	(MP L) Turn left	towards the athletics stadium
13,858	(MP M) Bear right	towards the athletics stadium
13,897	(MP A) Turn left	pass south of the stadium, towards the parking area
		3rd lap
14,000		***MP A + 102,7 m***
14,132	(MP B) Turn left	through the gate towards Auendamm
14,284	(MP C) Turn right	onto the cycle path off Auendamm
14,635	(MP D) Right-hand	turn into Rheinwardt Street

WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

KM	Change of direction	Location - Street - Position
14,895	(MP E) Proceed straight	across Rheinweg and through the barrier
15,000		***MP E + 105,43 m***
16,000		***MP F - 423,88 m***
16,424	(MP F) Turn right	onto the path
17,000		***MP G + 549 m***
18,000		***MP H - 685,41 m***
18,685	(MP H) Straight ahead	continue on the path
18,685	(MP H) Straight ahead	continue on the path
19,000		***MP I - 294,94 m***
19,295	(MP I) Straight ahead	continue on the path
20,000		***MP J - 649,7 m***
20,650	(MP J) Right-hand turn	onto the cycle path off Auendamm
20,828	(MP K) Turn right	into In der Aue
20,921	(MP L) Turn left	towards the athletics stadium
20,964	(MP M) Bear right	towards the athletics stadium
21,000		***MP A - 3,31 m***
21,003	(MP A) Bear right	towards the entrance of the athletics stadium
		Finish section
21,098	***(MP Z)***	***Finish***

Description of the course (42,195 km Marathon):

KM	Change of direction	Location - Street - Position
0,000	(MP Y) Straight ahead	on Auendamm
		1st lap
	Straight across	the roundabout island
0,203	(MP D) Right-hand	turn into Rheinwardt Street
0,462	(MP E) Proceed straight	across Rheinweg and through the barrier
1,000		***MP E + 537 m***
1,991	(MP F) Turn right	onto the path
2,000		***MP F + 8,67 m***
2,018	(MP G) Turn left	and continue on the path
3,000		***MP G + 987,55 m***
4,000		***MP H - 252,86 m***
4,253	(MP H) Straight ahead	continue on the path
4,862	(MP I) Straight ahead	continue on the path
5,000		***MP I + 137,61 m***
6,000		***MP J - 217,15 m***
6,217	(MP J) Right-hand turn	onto the cycle path off Auendamm
6,395	(MP K) Turn right	into In der Aue
6,488	(MP L) Turn left	towards the athletics stadium
6,532	(MP M) Bear right	towards the athletics stadium
6,571	(MP A) Turn left	Turn left pass south of the stadium, towards the parking area
		2nd lap
6,805	(MP B) Turn left	through the gate towards Auendamm
6,957	(MP C) Turn right	onto the cycle path off Auendamm
7,000		***MP C + 42,88 m***
7,309	(MP D) Right-hand	turn into Rheinwardt Street
7,568	(MP E) Proceed straight	across Rheinweg and through the barrier
8,000		***MP E + 431,97 m***
9,000		***MP F - 97,34 m***
9,097	(MP F) Turn right	onto the path
9,124	(MP G) Turn left	and continue on the path
10,000		***MP G + 875,54 m***
11,000		***MP H - 358,87 m***
11,359	(MP H) Straight ahead	continue on the path
11,968	(MP I) Straight ahead	continue on the path
12,000		***MP I + 31,6m***

WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

KM	Change of direction	Location - Street - Position
13,000		***MP J -323,16***
13,323	(MP J) Right-hand turn	onto the cycle path off Auendamm
13,501	(MP K) Turn right	into In der Aue
13,594	(MP L) Turn left	towards the athletics stadium
13,638	(MP M) Bear right	towards the athletics stadium
13,677	(MP A) Turn left	pass south of the stadium, towards the parking area
		3rd lap
13,911	(MP B) Turn left	through the gate towards Auendamm
14,000		***MP C - 63,13 m***
14,063	(MP C) Turn right	onto the cycle path off Auendamm
14,415	(MP D) Right-hand	turn into Rheinwardt Street
14,674	(MP E) Proceed straight	across Rheinweg and through the barrier
15,000		***MP E + 325,96 m***
16,000		***MP F - 203,35 m***
16,203	(MP F) Turn right	onto the path
16,230	(MP G) Turn left	and continue on the path
17,000		***MP G + 769,53 m***
18,000		***MP H - 464,88 m***
18,465	(MP H) Straight ahead	continue on the path
19,000		***MP I - 74,41 m***
19,074	(MP I) Straight ahead	continue on the path
20,000		***MP J - 429,17 m***
20,429	(MP J) Right-hand turn	onto the cycle path off Auendamm
20,607	(MP K) Turn right	into In der Aue
20,700	(MP L) Turn left	towards the athletics stadium
20,744	(MP M) Bear right	towards the athletics stadium
20,783	(MP A) Turn left	pass south of the stadium, towards the parking area
		4th lap
21,000		***MP B - 17,38 m***
21,017	(MP B) Turn left	through the gate towards Auendamm
21,169	(MP C) Turn right	onto the cycle path off Auendamm
21,521	(MP D) Right-hand	turn into Rheinwardt Street
21,780	(MP E) Proceed straight	across Rheinweg and through the barrier
22,000		***MP E + 219,95 m***
23,000		***MP F - 309,36 m***
23,309	(MP F) Turn right	onto the path
23,336	(MP G) Turn left	and continue on the path
24,000		***MP G + 663,52 m***
25,000		***MP H - 570,89 m***
25,571	(MP H) Straight ahead	continue on the path
26,000		***MP I - 180,42 m***
26,180	(MP I) Straight ahead	continue on the path
27,000		***MP J – 535,18 m***
27,535	(MP J) Right-hand turn	onto the cycle path off Auendamm
27,713	(MP K) Turn right	into In der Aue
27,806	(MP L) Turn left	towards the athletics stadium
27,850	(MP M) Bear right	towards the athletics stadium
27,889	(MP A) Turn left	pass south of the stadium, towards the parking area
		5th lap
28,000		***MP A + 111,21 m***
28,123	(MP B) Turn left	through the gate towards Auendamm
28,275	(MP C) Turn right	onto the cycle path off Auendamm
28,627	(MP D) Right-hand	turn into Rheinwardt Street
28,886	(MP E) Proceed straight	across Rheinweg and through the barrier
29,000		***MP E + 113,94 m***
30,000		***MP F - 415,37 m***
30,415	(MP F) Turn right	onto the path
30,442	(MP G) Turn left	and continue on the path
31,000		***MP G + 557,51 m***

WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

KM	Change of direction	Location - Street - Position
32,000		***MP H - 676,9 m***
32,677	(MP H) Straight ahead	continue on the path
33,000		***MP I - 286,43 m***
33,286	(MP I) Straight ahead	continue on the path
34,000		***MP J - 641,19 m***
34,641	(MP J) Right-hand turn	onto the cycle path off Auendamm
34,641	(MP J) Right-hand turn	onto the cycle path off Auendamm
34,641	(MP J) Right-hand turn	onto the cycle path off Auendamm
34,819	(MP K) Turn right	into In der Aue
34,912	(MP L) Turn left	towards the athletics stadium
34,956	(MP M) Bear right	towards the athletics stadium
34,995	(MP A) Turn left	pass south of the stadium, towards the parking area
		6th lap
35,000		***MP A + 5,2 m***
35,229	(MP B) Turn left	through the gate towards Auendamm
35,381	(MP C) Turn right	onto the cycle path off Auendamm
35,733	(MP D) Right-hand	turn into Rheinwardt Street
35,992	(MP E) Proceed straight	across Rheinweg and through the barrier
36,000		***MP E + 7,93 m***
37,000		***MP F - 521,38 m***
37,521	(MP F) Turn right	onto the path
37,549	(MP G) Turn left	and continue on the path
38,000		***MP G + 451,5 m***
39,000		***MP H - 782,91 m***
39,783	(MP H) Straight ahead	continue on the path
40,000		***MP H + 217,09 m***
40,392	(MP I) Straight ahead	continue on the path
41,000		***MP I + 607,56 m***
41,747	(MP J) Right-hand turn	onto the cycle path off Auendamm
41,925	(MP K) Turn right	into In der Aue
42,000		***MP L - 18,06 m***
42,018	(MP L) Turn left	towards the athletics stadium
42,062	(MP M) Bear right	towards the athletics stadium
42,101	(MP A) Bear right	towards the entrance of the athletics stadium
		Finish section
42,195	**(MP Z)**	***Finish***

WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

Half marathon kilometre markers

Km 1	=	MP E + 317,45 m	E	317,45	|	1211,86	F
Km 2	=	MP F - 211,86 m	E	1317,45	|	211,86	F
Km 3	=	MP G + 761,02 m	G	761,02	|	1473,39	H
Km 4	=	MP H - 473,39 m	G	1761,02	|	473,39	H
Km 5	=	MP I - 82,92 m	H	526,61	|	82,92	I
Km 6	=	MP J - 437,68 m	I	917,08	|	437,68	J
Km 7	=	MP B - 25,89 m	A	208,71	|	25,89	B
Km 8	=	MP E + 211,44 m	E	211,44	|	1317,87	F
Km 9	=	MP F - 317,87 m	E	1211,44	|	317,87	F
Km 10	=	MP G + 655,01 m	G	655,01	|	1579,4	H
Km 11	=	MP H - 579,4 m	G	1655,01	|	579,4	H
Km 12	=	MP I - 188,93 m	H	420,6	|	188,93	I
Km 13	=	MP J - 543,69 m	I	811,07	|	543,69	J
Km 14	=	MP A + 102,7 m	A	102,7	|	131,9	B
Km 15	=	MP E + 105,43 m	E	105,43	|	1423,88	F
Km 16	=	MP F - 423,88 m	E	1105,43	|	423,88	F
Km 17	=	MP G + 549 m	G	549	|	1685,41	H
Km 18	=	MP H - 685,41 m	G	1549	|	685,41	H
Km 19	=	MP I - 294,94 m	H	314,59	|	294,94	I
Km 20	=	MP J - 649,7 m	I	705,06	|	649,7	J
Km 21	=	MP A - 3,31 m	M	35,71	|	3,31	A
HM	=	MP Z - 0 m	A	94,19	|	0	Z

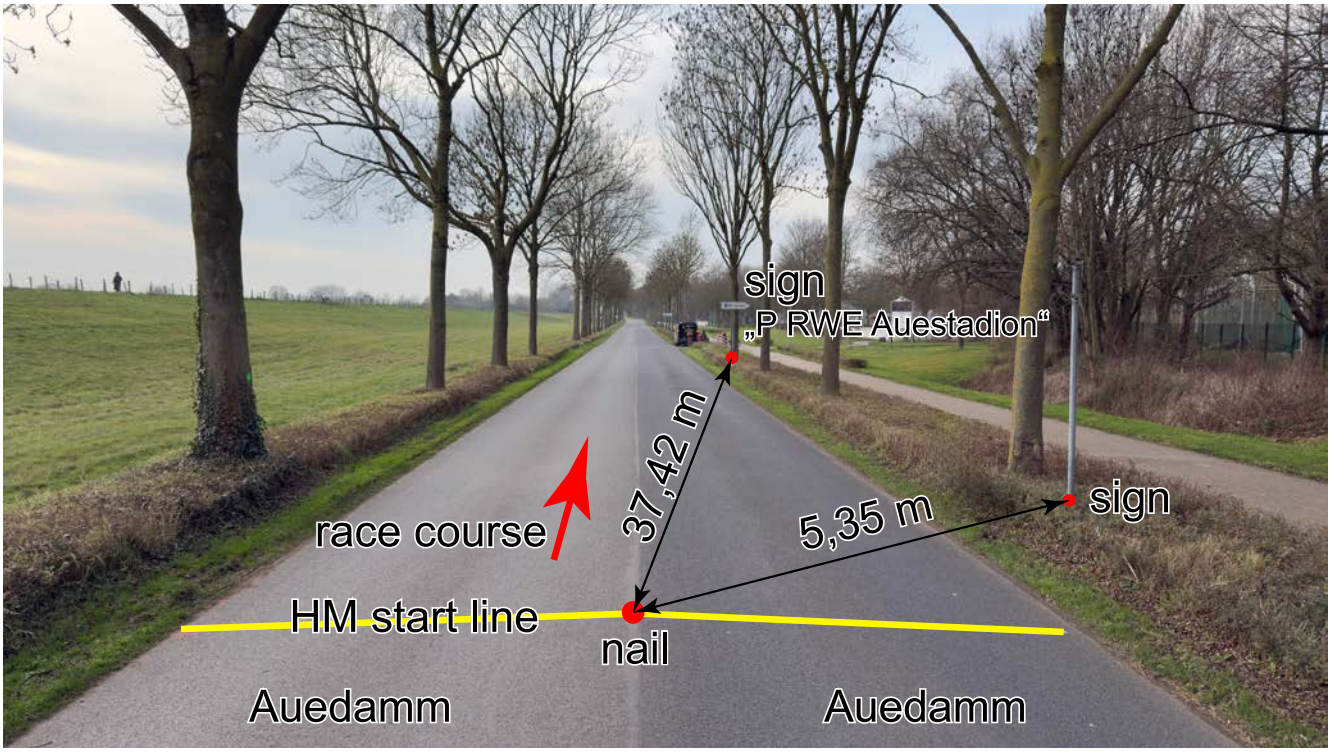
WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

Marathon kilometre markers

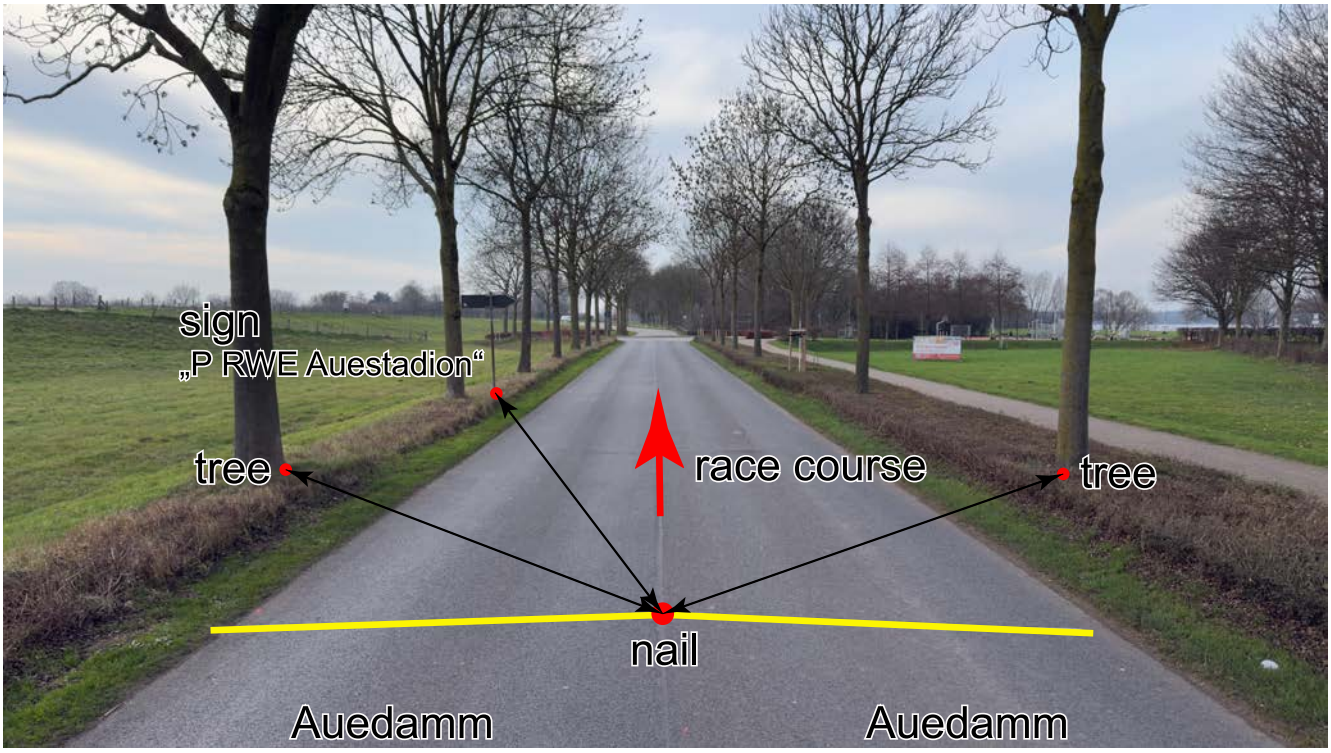
Km 1	=	MP E + 537,98 m	E	537,98	|	991,33	F
Km 2	=	MP F + 8,67 m	F	8,67	|	18,45	G
Km 3	=	MP G + 981,55 m	G	981,55	|	1252,86	H
Km 4	=	MP H - 252,86 m	G	1981,55	|	252,86	H
Km 5	=	MP I + 137,61 m	I	137,61	|	1217,15	J
Km 6	=	MP J - 217,15 m	I	1137,61	|	217,15	J
Km 7	=	MP C + 42,88 m	C	42,88	|	308,52	D
Km 8	=	MP E + 431,97 m	E	431,97	|	1097,34	F
Km 9	=	MP F - 97,34 m	E	1431,97	|	97,34	F
Km 10	=	MP G + 875,54 m	G	875,54	|	1358,87	H
Km 11	=	MP H - 358,87 m	G	1875,54	|	358,87	H
Km 12	=	MP I + 31,6 m	I	31,6	|	1323,16	J
Km 13	=	MP J - 323,16 m	I	1031,6	|	323,16	J
Km 14	=	MP C - 63,13 m	B	88,63	|	63,13	C
Km 15	=	MP E + 325,96 m	E	325,96	|	1203,35	F
Km 16	=	MP F - 203,35 m	E	1325,96	|	203,35	F
Km 17	=	MP G + 769,53 m	G	769,53	|	1464,88	H
Km 18	=	MP H - 464,88 m	G	1769,53	|	464,88	H
Km 19	=	MP I - 74,41 m	H	535,12	|	74,41	I
Km 20	=	MP J - 429,17 m	I	925,59	|	429,17	J
Km 21	=	MP B - 17,38 m	A	217,22	|	17,38	B
HM	=	MP C - 71,64 m	B	80,12	|	71,64	C
Km 22	=	MP E + 219,95 m	E	219,95	|	1309,36	F
Km 23	=	MP F - 309,36 m	E	1219,95	|	309,36	F
Km 24	=	MP G + 663,52 m	G	663,52	|	1570,89	H
Km 25	=	MP H - 570,89 m	G	1663,52	|	570,89	H
Km 26	=	MP I - 180,42 m	H	429,11	|	180,42	I
Km 27	=	MP J - 535,18 m	I	819,58	|	535,18	J
Km 28	=	MP A + 111,21 m	A	111,21	|	123,39	B
Km 29	=	MP E + 113,94 m	E	113,94	|	1415,37	F
Km 30	=	MP F - 415,37 m	E	1113,94	|	415,37	F
Km 31	=	MP G + 557,51 m	G	557,51	|	1676,9	H
Km 32	=	MP H - 676,9 m	G	1557,51	|	676,9	H
Km 33	=	MP I - 286,43 m	H	323,1	|	286,43	I
Km 34	=	MP J - 641,19 m	I	713,57	|	641,19	J
Km 35	=	MP A + 5,2 m	A	5,2	|	229,4	B
Km 36	=	MP E + 7,93 m	E	7,93	|	1521,38	F
Km 37	=	MP F - 521,38 m	E	1007,93	|	521,38	F
Km 38	=	MP G + 451,5 m	G	451,5	|	1782,91	H
Km 39	=	MP H - 782,91 m	G	1451,5	|	782,91	H
Km 40	=	MP H + 217,09 m	H	217,09	|	392,44	I
Km 41	=	MP I + 607,56 m	I	607,56	|	747,2	J
Km 42	=	MP L - 18,06 m	K	74,93	|	18,06	L
Km 42,195	=	MP Z - 0 m	A	94,19	|	0	Z

WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

Sketch: start line half marathon



Sketch: start line marathon



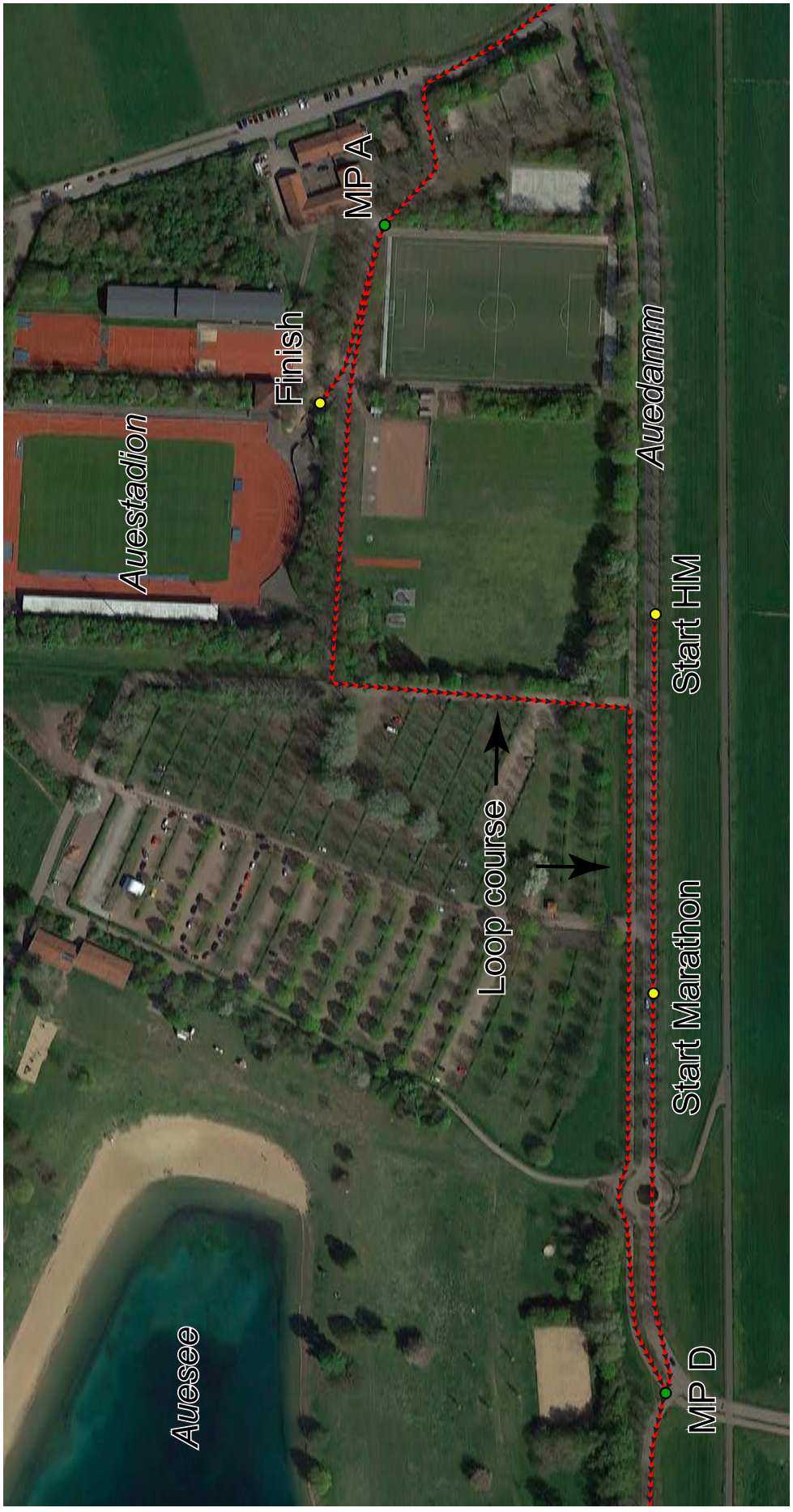
WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

Sketch: Finish Line



WORLD ATHLETICS COURSE MEASUREMENT • Copyright reserved!

Sketch: Course overview – start & finish



COURSE MEASUREMENT DATA SHEET

Report of measurement

Calibration - Measurement - Evaluation

Name of event: **Hülskens Marathon Wesel**
Occasion: remeasurement
WA/AIMS-Measurer: [Grade A] Ackermann, Detlev / Mucher Str. 6, 51109 Köln

Pre-calibration measurement
Date: 2025-12-22 Time: 12:00 PM Temperature: 7 °C
Calibration course
Method of determination: electro-optical distance measurement
Length: 293,25 m Location: Cycle path parallel to Auedamm

Start count	Finish count	Difference	Average counts	3175,5
467810	470985	3175	Counts / km	10.828,7
470985	474160	3175	Prevention (+0,1%)	10,8
474160	477336	3176	**Working constant (wc) / km**	**10.839,5**
477336	480512	3176	*Standard deviation +/-*	*4,6 cm*
			Counter unit reading	*9,2 cm*

Post-calibration measurement
Date: 2025-12-22 Time: 1:50 PM Temperature: 7 °C
Calibration course
Method of determination: electro-optical distance measurement
Length: 293,25 m Location: Cycle path parallel to Auedamm

Start count	Finish count	Difference	Average counts	3175,5
646500	649675	3175	Counts / km	10.828,7
649675	652851	3176	Prevention (+0,1%)	10,8
652851	656026	3175	**Finish constant (fc) / km**	**10.839,5**
656026	659202	3176	*Standard deviation +/-*	*4,6 cm*
			Counter unit reading	*9,2 cm*

Constant of the day **10.839,5** *a* *Average wc + fc*
without security-factor *10.828,7*

Description and place of measured points	MP	Counter reading (C)		MP → MP	Evaluation (C)		Cumulative length (m)		Calculation (m)
Measurement in analogy to World Athletics competition & technical rules		Reading M 1	Reading M 2		Difference 1	Difference 2	Length 1	Length 2	Race
Measurement of the finish section									
Course loop corner / finish area	A	486440							
Finish line	Z	487461	487461	A-Z	1021		94,19 m		**94,19 m**
	A		488482	Z-A		1021		94,19 m	
Measurement of the course loop									
Course loop corner / finish area	A	488540	565570						
Course loop corner / start approach	D	496537	573567	A-B	7997	7997	737,76 m	737,76 m	**737,76 m**
Course loop corner / finish area	A	565566	642600	B-A	69029	69033	6.368,25 m	6.368,62 m	**6.368,26 m**
									7.106,02 m
=> One lap measures 737,76 m + 6.368,26 m = 7.106,02 metres									
Calculation of the distance covered so far	20.674,48								
Half marathon									
6.368,26 m + 7.106,02 m +7.106,02 m + 94,19 m = 20.674,48 m									
=> A distance of 423,04 metres is missing									
Marathon									
6.368,26 + 7.106,02 m + 7.106,02 m + 7.106,02 m + 7.106,02 m + 7.106,02 m +94,19 m = 41.992,55 m									
=> A distance of 203,65 metres is missing									
Measurement of the remaining distance at the start									
The start into the course loop is via MP D									
Marathon									
203,65 m correspond to 2207.5 counter units									
Course loop corner / start approach	D	665210	669800						
Marathon start point	Y	667417,5	672007,5	B-X	2207,5	2207,5	203,65 m	203,65 m	**203,65 m**
Half marathon									
A start section of 203.65 m has already been measured									
Remaining distance for the half marathon = 424,21 m - 203,65 m = 220,56 m									
220,56 m correspond to 2391 counter units	Y	672007	676920						
half marathon start point	X	674398	679311	X-Y	2391	2391	220,56 m	220,56 m	
From the half marathon start point to (Course loop corner / start approach)				Y-B					**424,21 m**

WORLD ATHLETICS Road WORLD ATHLETICS Road Race Course Measurement • printed form3-22.2 • dlv-streckenvermessung.de • Copyright reserved!

COURSE MEASUREMENT DATA SHEET

Report of measurement

Evaluation (continuation)

Description and place of measured points	MP	Counter reading (C)		MP → MP	Evaluation (C)		Cumulative length (m)		Calculation (m)
Measurement in analogy to World Athletics competition & technical rules		Reading 1	Reading 2		Difference 1	Difference 2	Length 1	Length 2	Race
Final calculation of the race distances									
Half marathon									
half marathon start point	X							0,00 m	0,00 m
Course loop corner / start approach	B			X-B				424,21 m	424,21 m
Course loop corner / finish area	A			B-A				6.367,06 m	6.791,27 m
Course loop corner / finish area	A			A-A				7.106,02 m	13.897,29 m
Course loop corner / finish area	A			A-A				7.106,02 m	21.003,31 m
finish line	Z			A-Z				94,19 m	**21.097,50 m**
Marathon									
Marathon start point	Y							0,00 m	0,00 m
Course loop corner / start approach	B			Y-B				203,65 m	203,65 m
Course loop corner / finish area	A			B-A				6.367,06 m	6.570,71 m
Course loop corner / finish area	A			A-A				7.106,02 m	13.676,73 m
Course loop corner / finish area	A			A-A				7.106,02 m	20.782,75 m
Course loop corner / finish area	A			A-A				7.106,02 m	27.888,77 m
Course loop corner / finish area	A			A-A				7.106,02 m	34.994,79 m
Course loop corner / finish area	A			A-A				7.106,02 m	42.100,81 m
finish line	Z			A-Z				94,19 m	**42.195,00 m**
Points for kilometre calculation									
	A	488540							
	B	491083		A-B	2543			234,60 m	
	C	492728		B-C	1645			151,76 m	
	D	496537		C-D	3809			351,40 m	
	E	499350		D-E	2813			259,51 m	
	F	515927		E-F	16577			1.529,31 m	
	G	516221		F-G	294			27,12 m	
	H	540441		G-H	24220			2.234,41 m	
	I	547048		H-I	6607			609,53 m	
	J	561733		I-J	14685			1.354,76 m	
	K	563661		J-K	1928			177,87 m	
	L	564669		K-L	1008			92,99 m	
	M	565143		L-M	474			43,73 m	
	A	565566		M-N	423			39,02 m	

WORLD ATHLETICS Road WORLD ATHLETICS Road Race Course Measurement • printed form3-22.2 • dlv-streckenvermessung.de • Copyright reserved!

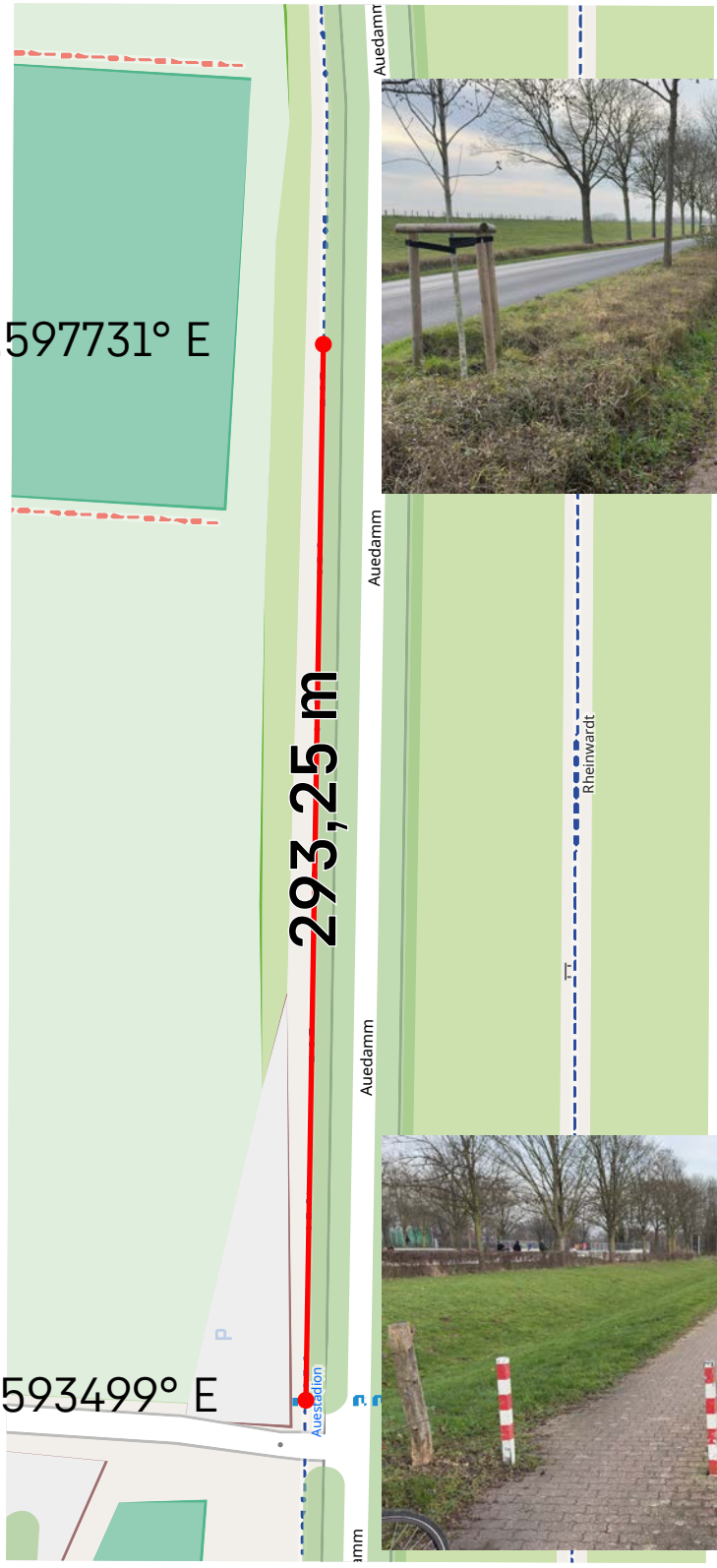
calibration course
protocol for road competitions

WORLD ATHLETICS

calibration course
end points

51.664703° N, 6.597731° E





51.664736° N, 6.593499° E



calibration course
Wesel, Cycle path parallel to Auedamm

22.12.2025

WA-AIMS/DLV course measurer

TRACK MEASUREMENT
protocol for road competitions
measurement map

running track A measure points

Auesee | Hansestadt Wesel am Rhein

Hülskens Marathon Wesel

22.12.2025

ROAD RACE COURSE MEASURER

WA-AIMS/DLV Course measurer

TRACK MEASUREMENT
protocol for road competitions
route map

running track **1** **kilometer points**

Auesee | Hansestadt Wesel am Rhein

Hülskens Marathon Wesel (HM)

22.12.2025

WA-AIMS/DLV Course measurer

ROAD RACE COURSE MEASURER

Course direction: clockwise
3 laps = HM

Start
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
Finish

TRACK MEASUREMENT
protocol for road competitions
route map

running track **1** **kilometer points**

Auesee | Hansestadt Wesel am Rhein

Start 7 1 8 15 22 29 36 2 9 16 23 30 37 38 31 24 17 10 3 39 32 25 18 11 4 40 33 26 19 12 5 41 34 27 20 13 6 21 Finish 35 42 28 14

Hülskens Marathon Wesel

22.12.2025

WA-AIMS/DLV Course measurer

ROAD RACE COURSE MEASURER

Course direction: clockwise
6 laps = Marathon