

ROZKŁAD JAZDY POCIAGÓW WKD
WAŻNY OD DNIA 01.09.2025 DO DNIA 31.12.2025 - W SOBOTY, NIEDZIELE, ŚWIĘTA

ROZKŁAD JAZDY OBOWIAZUJE OD NOCY Z NIEDZIELI NA PONIEDZIAŁEK (31.08/01.09.2025) - GODZ. 3:00, DO NOCY ZE ŚRODY NA CZWARTEK (31.12.2025/01.01.2026) - GODZ. 3:00

KIERUNEK: WARSZAWA - GRODZISK MAZOWIECKI / MILANÓWEK

km		2203	1007	2001	1009	2003	1011	1013	2005	1015	1017	2007	1019	1021	2009	1023	1025	2011	1027	1029	2013	1031	1033	2015	1035	1037	2017	1039	1041	2019	1043	1045	2021	1047	1049	2023	1051	1053	2025	1055	1057	2027	1059	1061	2029	1063	1065	2031	1067	
		A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1	A12	A1					
0.000	0.000	W-WA ŚRODMIEŚCIE WKD		4:50	5:05	5:20	5:40	6:00	6:20	6:40	7:00	7:20	7:40	8:00	8:20	8:40	9:00	9:20	9:40	10:00	10:20	10:40	11:00	11:20	11:40	12:00	12:20	12:40	13:00	13:20	13:40	14:00	14:20	14:40	15:00	15:20	15:40	16:00	16:20	16:40	17:00	17:20	17:40	18:00	18:20	18:40	19:00	19:20	19:40	20:00
0.675	0.675	W-wa Ochota WKD		4:52	5:07	5:22	5:42	6:02	6:22	6:42	7:02	7:22	7:42	8:02	8:22	8:42	9:02	9:22	9:42	10:02	10:22	10:42	11:02	11:22	11:42	12:02	12:22	12:42	13:02	13:22	13:42	14:02	14:22	14:42	15:02	15:22	15:42	16:02	16:22	16:42	17:02	17:22	17:42	18:02	18:22	18:42	19:02	19:22	19:42	20:02
2.439	2.439	W-wa Zachodnia WKD		4:55	5:10	5:25	5:45	6:05	6:25	6:45	7:05	7:25	7:45	8:05	8:25	8:45	9:05	9:25	9:45	10:05	10:25	10:45	11:05	11:25	11:45	12:05	12:25	12:45	13:05	13:25	13:45	14:05	14:25	14:45	15:05	15:25	15:45	16:05	16:25	16:45	17:05	17:25	17:45	18:05	18:25	18:45	19:05	19:25	19:45	20:05
3.875	3.875	W-wa Reduta Ordona		4:57	5:12	5:27	5:47	6:07	6:27	6:47	7:07	7:27	7:47	8:07	8:27	8:47	9:07	9:27	9:47	10:07	10:27	10:47	11:07	11:27	11:47	12:07	12:27	12:47	13:07	13:27	13:47	14:07	14:27	14:47	15:07	15:27	15:47	16:07	16:27	16:47	17:07	17:27	17:47	18:07	18:27	18:47	19:07	19:27	19:47	20:07
5.390	5.390	W-wa Aleje Jerozolimskie		4:59	5:14	5:29	5:49	6:09	6:29	6:49	7:09	7:29	7:49	8:09	8:29	8:49	9:09	9:29	9:49	10:09	10:29	10:49	11:09	11:29	11:49	12:09	12:29	12:49	13:09	13:29	13:49	14:09	14:29	14:49	15:09	15:29	15:49	16:09	16:29	16:49	17:09	17:29	17:49	18:09	18:29	18:49	19:09	19:29	19:49	20:09
6.792	6.792	W-wa Raków		5:01	5:16	5:31	5:51	6:11	6:31	6:51	7:11	7:31	7:51	8:11	8:31	8:51	9:11	9:31	9:51	10:11	10:31	10:51	11:11	11:31	11:51	12:11	12:31	12:51	13:11	13:31	13:51	14:11	14:31	14:51	15:11	15:31	15:51	16:11	16:31	16:51	17:11	17:31	17:51	18:11	18:31	18:51	19:11	19:31	19:51	20:11
7.986	7.986	W-wa Salmowa		5:03	5:18	5:33	5:53	6:13	6:33	6:53	7:13	7:33	7:53	8:13	8:33	8:53	9:13	9:33	9:53	10:13	10:33	10:53	11:13	11:33	11:53	12:13	12:33	12:53	13:13	13:33	13:53	14:13	14:33	14:53	15:13	15:33	15:53	16:13	16:33	16:53	17:13	17:33	17:53	18:13	18:33	18:53	19:13	19:33	19:53	20:13
8.440	8.440	Opacz		5:05	5:20	5:35	5:55	6:15	6:35	6:55	7:15	7:35	7:55	8:15	8:35	8:55	9:15	9:35	9:55	10:15	10:35	10:55	11:15	11:35	11:55	12:15	12:35	12:55	13:15	13:35	13:55	14:15	14:35	14:55	15:15	15:35	15:55	16:15	16:35	16:55	17:15	17:35	17:55	18:15	18:35	18:55	19:15	19:35	19:55	20:15
11.189	11.189	Michałowice		5:08	5:23	5:38	5:58	6:18	6:38	6:58	7:18	7:38	7:58	8:18	8:38	8:58	9:18	9:38	9:58	10:18	10:38	10:58	11:18	11:38	11:58	12:18	12:38	12:58	13:18	13:38	13:58	14:18	14:38	14:58	15:18	15:38	15:58	16:18	16:38	16:58	17:18	17:38	17:58	18:18	18:38	18:58	19:18	19:38	19:58	20:18
12.798	12.798	Reguły		5:10	5:25	5:40	6:00	6:20	6:40	7:00	7:20	7:40	8:00	8:20	8:40	9:00	9:20	9:40	10:00	10:20	10:40	11:00	11:20	11:40	12:00	12:20	12:40	13:00	13:20	13:40	14:00	14:20	14:40	15:00	15:20	15:40	16:00	16:20	16:40	17:00	17:20	17:40	18:00	18:20	18:40	19:00	19:20	19:40	20:00	
14.094	14.094	Malichy		5:12	5:27	5:42	6:02	6:22	6:42	7:02	7:22	7:42	8:02	8:22	8:42	9:02	9:22	9:42	10:02	10:22	10:42	11:02	11:22	11:42	12:02	12:22	12:42	13:02	13:22	13:42	14:02	14:22	14:42	15:02	15:22	15:42	16:02	16:22	16:42	17:02	17:22	17:42	18:02	18:22	18:42	19:02	19:22	19:42	20:02	
16.447	16.447	Tworki		5:15	5:30	5:45	6:05	6:25	6:45	7:05	7:25	7:45	8:05	8:25	8:45	9:05	9:25	9:45	10:05	10:25	10:45	11:05	11:25	11:45	12:05	12:25	12:45	13:05	13:25	13:45	14:05	14:25	14:45	15:05	15:25	15:45	16:05	16:25	16:45	17:05	17:25	17:45	18:05	18:25	18:45	19:05	19:25	19:45	20:05	
16.377	16.377	Pruszków WKD		5:17	5:32	5:47	6:07	6:27	6:47	7:07	7:27	7:47	8:07	8:27	8:47	9:07	9:27	9:47	10:07	10:27	10:47	11:07	11:27	11:47	12:07	12:27	12:47	13:07	13:27	13:47	14:07	14:27	14:47	15:07	15:27	15:47	16:07	16:27	16:47	17:07	17:27	17:47	18:07	18:27	18:47	19:07	19:27	19:47	20:07	
17.508	17.508	KOMORÓW		5:19	5:34	5:49	6:09	6:29	6:49	7:09	7:29	7:49	8:09	8:29	8:49	9:09	9:29	9:49	10:09	10:29	10:49	11:09	11:29	11:49	12:09	12:29	12:49	13:09	13:29	13:49	14:09	14:29	14:49	15:09	15:29	15:49	16:09	16:29	16:49	17:09	17:29	17:49	18:09	18:29	18:49	19:09	19:29	19:49	20:09	
19.430	19.430	Nowa Wieś Warszawska		5:22	5:37	5:52	6:12	6:32	6:52	7:12	7:32	7:52	8:12	8:32	8:52	9:12	9:32	9:52	10:12	10:32	10:52	11:12	11:32	11:52	12:12	12:32	12:52	13:12	13:32	13:52	14:12	14:32	14:52	15:12	15:32	15:52	16:12	16:32	16:52	17:12	17:32	17:52	18:12	18:32	18:52	19:12	19:32	19:52	20:12	
21.100	21.100	Kanie Helenowskie		5:24	5:39	5:54	6:14	6:34	6:54	7:14	7:34	7:54	8:14	8:34	8:54	9:14	9:34	9:54	10:14	10:34	10:54	11:14	11:34	11:54	12:14	12:34	12:54	13:14	13:34	13:54	14:14	14:34	14:54	15:14	15:34	15:54	16:14	16:34	16:54	17:14	17:34	17:54	18:14	18:34	18:54	19:14	19:34	19:54	20:14	
22.240	22.240	Otrębów		5:26	5:41	5:56	6:16	6:36	6:56	7:16	7:36	7:56	8:16	8:36	8:56	9:16	9:36	9:56	10:16	10:36	10:56	11:16	11:36	11:56	12:16	12:36	12:56	13:16	13:36	13:56	14:16	14:36	14:56	15:16	15:36	15:56	16:16	16:36	16:56	17:16	17:36	17:56	18:16	18:36	18:56	19:16	19:36	19:56	20:16	
23.300	23.300	Podkowa Leśna Wschodnia		5:28	5:43	5:58	6:18	6:38	6:58	7:18	7:38	7:58	8:18	8:38	8:58	9:18	9:38	9:58	10:18	10:38	10:58	11:18	11:38	11:58	12:18	12:38	12:58	13:18	13:38	13:58	14:18	14:38	14:58	15:18	15:38	15:58	16:18	16:38	16:58	17:18	17:38	17:58	18:18	18:38	18:58	19:18	19:38	19:58	20:18	
24.770	24.770	PODKOWA LEŚNA GŁÓWNA		5:30	5:45	6:00	6:20	6:40	7:00	7:20	7:40	8:00	8:20	8:40	9:00	9:20	9:40	10:00	10:20	10:40	11:00	11:20	11:40	12:00	12:20	12:40	13:00	13:20	13:40	14:00	14:20	14:40	15:00	15:20	15:40	16:00	16:20	16:40	17:00	17:20	17:40	18:00	18:20	18:40	19:00	19:20	19:40	20:00		
25.400	25.400	Podkowa Leśna Zachodnia		5:30	5:45	6:00	6:20	6:40	7:00	7:20	7:40	8:00	8:20	8:40	9:00	9:20	9:40	10:00	10:20	10:40	11:00	11:20	11:40	12:00	12:20	12:40	13:00	13:20	13:40	14:00	14:20	14:40	15:00	15:20	15:40	16:00	16:20	16:40	17:00	17:20	17:40	18:00	18:20	18:40	19:00	19:20	19:40	20:00		
25.600	25.600	Podkowa Leśna Zachodnia		4:43	5:32	5:47	6:02	6:22	6:42	7:02	7:22	7:42	8:02	8:22	8:42	9:02	9:22	9:42	10:02	10:22	10:42	11:02	11:22	11:42	12:02	12:22	12:42	13:02	13:22	13:42	14:02	14:22	14:42	15:02	15:22	15:42	16:02	16:22	16:42	17:02	17:22	17:42	18:02	18:22	18:42	19:02	19:22	19:42	20:02	
25.800	25.800	Poleśne		<	5:49	<	6:24	<	7:24	<	8:24	<	9:24	<	10:24	<	11:24	<	12:24	<	13:24	<	14:24	<	15:24	<	16:24	<	17:24	<	18:24	<	19:24	<	20:20															

ROZKŁAD JAZDY POCIAGÓW WKD
WAŻNY OD 01.09.2025 DO DNIA 31.12.2025 - W SOBOTY, NIEDZIELE, ŚWIĘTA

ROZKŁAD JAZDY OBOWIĄZUJE OD NOCY Z NIEDZIELE NA PONIEDZIAŁEK (31.08/01.09.2025) - GODZ. 3:00, DO NOCY ZE ŚRODY NA CZWARTEK (31.12.2025/01.01.2026) - GODZ. 3:00

KIERUNEK: GRODZISK MAZOWIECKI / MILANÓWEK - WARSZAWA

km		1000	1002	2202	1004	2000	1006	1008	2002	1010	1012	2004	1014	1016	2006	1018	1020	2008	1022	1024	2010	1026	1028	2012	1030	1032	2014	1034	1036	2016	1038	1040	2018	1042	1044	2020	1046	1048	2022	1050	1052	2024	1054	1056	2026	1058	1060	2028	1062	
		A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1			
0.000	GRODZISK MAZ. RADŃSKA	4:00	4:20	4:28	4:40	5:20	5:40	6:20	6:40	6:20	6:40	7:20	7:40	8:20	8:40	9:20	9:40	10:20	10:40	11:20	11:40	12:20	12:40	13:20	13:40	14:20	14:40	15:20	15:40	16:20	16:40	17:20	17:40	18:20	18:40	19:20	20:00	20:20	20:40	21:00	21:20	21:40	22:00	22:20	22:40	23:00	23:20	23:40	24:00	
0.641	Grodzisk Maz. Jordanówce	4:02	4:22	I	4:42	5:22	5:42	6:22	6:42	7:22	7:42	8:22	8:42	9:22	9:42	10:22	10:42	11:22	11:42	12:22	12:42	13:22	13:42	14:22	14:42	15:22	15:42	16:22	16:42	17:22	17:42	18:22	18:42	19:22	20:02	20:22	20:42	21:02	21:22	21:42	22:02	22:22	22:42	23:02	23:22	23:42	24:02			
1.705	Grodzisk Maz. Piaskowa	4:04	4:24	I	4:44	5:24	5:44	6:24	6:44	7:24	7:44	8:24	8:44	9:24	9:44	10:24	10:44	11:24	11:44	12:24	12:44	13:24	13:44	14:24	14:44	15:24	15:44	16:24	16:44	17:24	17:44	18:24	18:44	19:24	20:04	20:24	20:44	21:04	21:24	21:44	22:04	22:24	22:44	23:04	23:24	23:44	24:04			
2.397	Grodzisk Maz. Okrzeja	4:05	4:25	I	4:45	5:25	5:45	6:25	6:45	7:25	7:45	8:25	8:45	9:25	9:45	10:25	10:45	11:25	11:45	12:25	12:45	13:25	13:45	14:25	14:45	15:25	15:45	16:25	16:45	17:25	17:45	18:25	18:45	19:25	20:05	20:25	20:45	21:05	21:25	21:45	22:05	22:25	22:45	23:05	23:25	23:45	24:05			
3.711	Bzózki	4:07	4:27	I	4:47	5:27	5:47	6:27	6:47	7:27	7:47	8:27	8:47	9:27	9:47	10:27	10:47	11:27	11:47	12:27	12:47	13:27	13:47	14:27	14:47	15:27	15:47	16:27	16:47	17:27	17:47	18:27	18:47	19:27	20:07	20:27	20:47	21:07	21:27	21:47	22:07	22:27	22:47	23:07	23:27	23:47	24:07			
5.223	Kazimierówka	4:09	4:29	I	4:49	5:29	5:49	6:29	6:49	7:29	7:49	8:29	8:49	9:29	9:49	10:29	10:49	11:29	11:49	12:29	12:49	13:29	13:49	14:29	14:49	15:29	15:49	16:29	16:49	17:29	17:49	18:29	18:49	19:29	20:09	20:29	20:49	21:09	21:29	21:49	22:09	22:29	22:49	23:09	23:29	23:49	24:09			
- 0.000	MILANÓWEK GRUDÓW	<	<	<	<	5:06	<	<	6:06	<	<	7:06	<	<	8:06	<	<	9:06	<	<	10:06	<	<	11:06	<	<	12:06	<	<	13:06	<	<	14:06	<	<	15:06	<	<	16:06	<	<	17:06	<	<	18:06	<	<	19:06	<	<
- 1.140	Politeja	<	<	<	<	5:09	<	<	6:09	<	<	7:09	<	<	8:09	<	<	9:09	<	<	10:09	<	<	11:09	<	<	12:09	<	<	13:09	<	<	14:09	<	<	15:09	<	<	16:09	<	<	17:09	<	<	18:09	<	<	19:09	<	<
6.702	Podkowa Leśna Zachodnia	4:11	4:31	4:36	4:51	5:11	5:31	5:51	6:11	6:31	6:51	7:11	7:31	7:51	8:11	8:31	8:51	9:11	9:31	9:51	10:11	10:31	10:51	11:11	11:31	11:51	12:11	12:31	12:51	13:11	13:31	13:51	14:11	14:31	14:51	15:11	15:31	15:51	16:11	16:31	16:51	17:11	17:31	17:51	18:11	18:31	18:51	19:11	19:31	
7.638	PODKOWA LEŚNA GŁÓWNA	4:13	4:33		4:53	5:13	5:33	5:53	6:13	6:33	6:53	7:13	7:33	7:53	8:13	8:33	8:53	9:13	9:33	9:53	10:13	10:33	10:53	11:13	11:33	11:53	12:13	12:33	12:53	13:13	13:33	13:53	14:13	14:33	14:53	15:13	15:33	15:53	16:13	16:33	16:53	17:13	17:33	17:53	18:13	18:33	18:53	19:13	19:33	
8.591	Podkowa Leśna Wschodnia	4:15	4:35		4:55	5:15	5:35	5:55	6:15	6:35	6:55	7:15	7:35	7:55	8:15	8:35	8:55	9:15	9:35	9:55	10:15	10:35	10:55	11:15	11:35	11:55	12:15	12:35	12:55	13:15	13:35	13:55	14:15	14:35	14:55	15:15	15:35	15:55	16:15	16:35	16:55	17:15	17:35	17:55	18:15	18:35	18:55	19:15	19:35	
10.174	Oleśbusz	4:17	4:37		4:57	5:17	5:37	5:57	6:17	6:37	6:57	7:17	7:37	7:57	8:17	8:37	8:57	9:17	9:37	9:57	10:17	10:37	10:57	11:17	11:37	11:57	12:17	12:37	12:57	13:17	13:37	13:57	14:17	14:37	14:57	15:17	15:37	15:57	16:17	16:37	16:57	17:17	17:37	17:57	18:17	18:37	18:57	19:17	19:37	
11.317	Kanie Helenowska	4:19	4:39		4:59	5:19	5:39	5:59	6:19	6:39	6:59	7:19	7:39	7:59	8:19	8:39	8:59	9:19	9:39	9:59	10:19	10:39	10:59	11:19	11:39	11:59	12:19	12:39	12:59	13:19	13:39	13:59	14:19	14:39	14:59	15:19	15:39	15:59	16:19	16:39	16:59	17:19	17:39	17:59	18:19	18:39	18:59	19:19	19:39	
12.935	Nowa Wieś Warszawska	4:21	4:41		5:01	5:21	5:41	6:01	6:21	6:41	7:01	7:21	7:41	8:01	8:21	8:41	9:01	9:21	9:41	10:01	10:21	10:41	11:01	11:21	11:41	12:01	12:21	12:41	13:01	13:21	13:41	14:01	14:21	14:41	15:01	15:21	15:41	16:01	16:21	16:41	17:01	17:21	17:41	18:01	18:21	18:41	19:01	19:21	19:41	
14.491	KOMORÓW	4:23	4:43		5:03	5:23	5:43	6:03	6:23	6:43	7:03	7:23	7:43	8:03	8:23	8:43	9:03	9:23	9:43	10:03	10:23	10:43	11:03	11:23	11:43	12:03	12:23	12:43	13:03	13:23	13:43	14:03	14:23	14:43	15:03	15:23	15:43	16:03	16:23	16:43	17:03	17:23	17:43	18:03	18:23	18:43	19:03	19:23	19:43	
16.040	Pruszków WKD	4:26	4:46		5:06	5:26	5:46	6:06	6:26	6:46	7:06	7:26	7:46	8:06	8:26	8:46	9:06	9:26	9:46	10:06	10:26	10:46	11:06	11:26	11:46	12:06	12:26	12:46	13:06	13:26	13:46	14:06	14:26	14:46	15:06	15:26	15:46	16:06	16:26	16:46	17:06	17:26	17:46	18:06	18:26	18:46	19:06	19:26	19:46	
16.970	Tłwki	4:28	4:48		5:08	5:28	5:48	6:08	6:28	6:48	7:08	7:28	7:48	8:08	8:28	8:48	9:08	9:28	9:48	10:08	10:28	10:48	11:08	11:28	11:48	12:08	12:28	12:48	13:08	13:28	13:48	14:08	14:28	14:48	15:08	15:28	15:48	16:08	16:28	16:48	17:08	17:28	17:48	18:08	18:28	18:48	19:08	19:28	19:48	
18.363	Malichy	4:30	4:50		5:10	5:30	5:50	6:10	6:30	6:50	7:10	7:30	7:50	8:10	8:30	8:50	9:10	9:30	9:50	10:10	10:30	10:50	11:10	11:30	11:50	12:10	12:30	12:50	13:10	13:30	13:50	14:10	14:30	14:50	15:10	15:30	15:50	16:10	16:30	16:50	17:10	17:30	17:50	18:10	18:30	18:50	19:10	19:30	19:50	
19.819	Reguły	4:32	4:52		5:12	5:32	5:52	6:12	6:32	6:52	7:12	7:32	7:52	8:12	8:32	8:52	9:12	9:32	9:52	10:12	10:32	10:52	11:12	11:32	11:52	12:12	12:32	12:52	13:12	13:32	13:52	14:12	14:32	14:52	15:12	15:32	15:52	16:12	16:32	16:52	17:12	17:32	17:52	18:12	18:32	18:52	19:12	19:32	19:52	
21.246	Michałowie	4:34	4:54		5:14	5:34	5:54	6:14	6:34	6:54	7:14	7:34	7:54	8:14	8:34	8:54	9:14	9:34	9:54	10:14	10:34	10:54	11:14	11:34	11:54	12:14	12:34	12:54	13:14	13:34	13:54	14:14	14:34	14:54	15:14	15:34	15:54	16:14	16:34	16:54	17:14	17:34	17:54	18:14	18:34	18:54	19:14	19:34	19:54	
22.077	Opatów	4:37	4:57		5:17	5:37	5:57	6:17	6:37	6:57	7:17	7:37	7:57	8:17	8:37	8:57	9:17	9:37	9:57	10:17	10:37	10:57	11:17	11:37	11:57	12:17	12:37	12:57	13:17	13:37	13:57	14:17	14:37	14:57	15:17	15:37	15:57	16:17	16:37	16:57	17:17	17:37	17:57	18:17	18:37	18:57	19:17	19:37	19:57	
24.432	W-wa Salomea	4:39	4:59		5:19	5:39	5:59	6:19	6:39	6:59	7:19	7:39	7:59	8:19	8:39	8:59	9:19	9:39	9:59	10:19	10:39	10:59	11:19	11:39	11:59	12:19	12:39	12:59	13:19	13:39	13:59	14:19	14:39	14:59	15:19	15:39	15:59	16:19	16:39	16:59	17:19	17:39	17:59	18:19	18:39	18:59	19:19	19:39	19:59	
26.636	W-wa Raków	4:41	5:01		5:21	5:41	6:01	6:21	6:41	7:01	7:21	7:41	8:01	8:21	8:41	9:01	9:21	9:41	10:01	10:21	10:41	11:01	11:21	11:41	12:01	12:21	12:41	13:01	13:21	13:41	14:01	14:21	14:41	15:01	15:21	15:41	16:01	16:21	16:41	17:01	17:21	17:41	18:01	18:21	18:41	19:01	19:21	19:41	20:01	
27.601	W-wa Aleje Jerozolimskie	4:43	5:03		5:23	5:43	6:03	6:23	6:43	7:03	7:23	7:43	8:03	8:23	8:43	9:03	9:23	9:43	10:03	10:23	10:43	11:03	11:23	11:43	12:03	12:23	12:43	13:03	13:23	13:43	14:03	14:23	14:43	15:03	15:23	15:43	16:03	16:23	16:43	17:03	17:23	17:43	18:03	18:23	18:43	19:03	19:23	19:43	20:03	
28.542</																																																		