

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Zar, Poland Control Points

Contest: I Miedzynarodowe Mistrzostwa Polski w Wycigach Szybowcowych, I Szybowcowe Grand Prix Polski o Puchar Euroregionu Beskidy, 1st Grand Prix Zar
 Courtesy of Bogdan Drenda (wyszko@leniezar.poczta.onet.pl)

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User assumes all risk of use.

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Elevation</i> <i>Meters</i>	<i>Codes*</i>	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Banikow	49 11 56 N	19 42 30 E	49 11.933 N	19 42.500 E	2178	T	Top of the hill		73	151
2	Barania Góra	49 36 35 N	19 00 55 E	49 36.583 N	19 00.917 E	1214	T	Top of the hill	002BAR	23	220
3	Beskidek	49 36 47 N	19 27 50 E	49 36.783 N	19 27.833 E	1168	T	Top of the hill	003BES	25	135
4	Bezmiechowa	49 31 15 N	22 25 00 E	49 31.250 N	22 25.000 E	615	T	Building	004BEZ	232	96
5	Biecz	49 43 53 N	21 15 52 E	49 43.883 N	21 15.867 E	249	T	Town Square	005BIE	147	91
6	Blachownia	50 21 00 N	18 15 50 E	50 21.000 N	18 15.833 E	184	T	Island	006BLA	94	314
7	Boracza	49 32 33 N	19 10 20 E	49 32.550 N	19 10.333 E	904	T	Shelter House	007BOR	26	188
8	Budin	49 20 40 N	19 27 15 E	49 20.667 N	19 27.250 E	1221	T	Top of the hill	008BUD	50	161
9	Bujakowski Gron	49 49 41 N	19 11 50 E	49 49.683 N	19 11.833 E	749	T	Top of the hill	009BUJ	6.5	344
10	Bukovec	49 32 30 N	18 48 20 E	49 32.500 N	18 48.333 E	839	T	Top of the hill	010BUK	39	230

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Turnpoint	ID	Distance Km	Bearing
11	Bukowina	49 20 39 N	20 06 52 E	49 20.650 N	20 06.867 E	911	T	Church	011BUK	80	126
12	Cab	49 22 20 N	18 02 35 E	49 22.333 N	18 02.583 E	841	T	Top of the hill	012CAB	96	243
13	Cadca	49 26 33 N	18 47 16 E	49 26.550 N	18 47.267 E	420	T	Railway Station	013CAD	48	221
14	Cergowa	49 31 41 N	21 43 20 E	49 31.683 N	21 43.333 E	716	T	Top of the hill	014CER	182	98
15	Chochula	48 53 30 N	19 20 00 E	48 53.500 N	19 20.000 E	1753	T	Top of the hill	015CHO	98	175
16	Chopok	48 56 37 N	19 35 24 E	48 56.617 N	19 35.400 E	2023	T	Top of the hill	016CHO	96	164
17	Chybie	49 53 45 N	18 49 00 E	49 53.750 N	18 49.000 E	266	T	Churh	017CHY	32	295
18	Cierna Lutisa	49 18 56 N	18 59 40 E	49 18.933 N	18 59.667 E	951	T	Top of the hill	018CIE	53	198
19	Cisek	50 16 50 N	18 12 20 E	50 16.833 N	18 12.333 E	170	T	Church	019CIS	92	308
20	Czantoria	49 40 35 N	18 48 30 E	49 40.583 N	18 48.500 E	994	T	Top of the hill	020CZA	32	250
21	Czarny Dunajec	49 26 23 N	19 51 50 E	49 26.383 N	19 51.833 E	672	T	Town Square	021CZA	59	128
22	Czynnowa	49 35 25 N	19 42 46 E	49 35.417 N	19 42.767 E	616	T	School	022CZY	41	120
23	Dobra	49 42 51 N	20 14 50 E	49 42.850 N	20 14.833 E	501	T	Church	023DOB	74	95
24	Dolny Kubin	49 12 42 N	19 17 27 E	49 12.700 N	19 17.450 E	470	T	Bridge	024DOL	63	175
25	Dunber	48 56 57 N	19 38 30 E	48 56.950 N	19 38.500 E	2045	T	Top of the hill	025DUN	96	161
26	Giewont	49 15 05 N	19 55 47 E	49 15.083 N	19 55.783 E	1894	T	Top of the hill	026GIE	77	138
27	Gliwice	50 16 23 N	18 40 22 E	50 16.383 N	18 40.367 E	242	T	Hangar	027GLI	68	325
28	Głogówek	50 21 05 N	17 51 50 E	50 21.083 N	17 51.833 E	217	T	Town Hall	028GLO	116	304
29	Gorc	49 34 00 N	20 15 05 E	49 34.000 N	20 15.083 E	1228	T	Top of the hill	029GOR	78	107
30	Górk Wielkie	49 46 20 N	18 51 20 E	49 46.333 N	18 51.333 E	350	T	Bridge	030GSR	26	270
31	Grodzisko	50 34 06 N	18 14 30 E	50 34.100 N	18 14.500 E	191	T	Road Cross	031GRO	113	322
32	Grybów	49 37 30 N	20 56 55 E	49 37.500 N	20 56.917 E	401	T	Town Square	032GRY	125	97
33	Gubalówka	49 18 21 N	19 56 08 E	49 18.350 N	19 56.133 E	1120	T	Top of the hill	033GUB	73	135
35	Hrcova Kecka	49 14 37 N	19 11 00 E	49 14.617 N	19 11.000 E	1225	T	Top of the hill	035HRC	59	183
36	Hulicka Kycera	49 01 33 N	18 44 40 E	49 01.550 N	18 44.667 E	1217	T	Top of the hill	036HUL	90	203
37	Jawornik	49 01 20 N	17 59 48 E	49 01.333 N	17 59.800 E	782	T	Top of the hill	037JAW	122	227
38	Jaworowy	49 37 15 N	18 36 29 E	49 37.250 N	18 36.483 E	1032	T	Top of the hill	038JAW	47	249
39	Jaworz	49 43 13 N	20 31 15 E	49 43.217 N	20 31.250 E	917	T	Top of the hill	039JAW	93	93
40	Jaworzyna	49 25 10 N	20 34 01 E	49 25.167 N	20 34.017 E	1113	T	Top of the hill	040JAW	105	112
41	Jelenowska	49 07 04 N	17 59 34 E	49 07.067 N	17 59.567 E	663	T	Town Square	041JEL	115	231
42	Jordanów	49 38 50 N	19 49 50 E	49 38.833 N	19 49.833 E	496	T	Town Square	042JOR	46	107
43	Klak W	48 58 45 N	18 38 30 E	48 58.750 N	18 38.500 E	1352	T	Top of the hill	043KLA	98	206
44	Klak E	49 02 55 N	19 06 40 E	49 02.917 N	19 06.667 E	1394	T	Top of the hill	044KLA	81	186
45	Klastov	49 12 17 N	17 56 50 E	49 12.283 N	17 56.833 E	752	T	Top of the hill	045KLA	112	236
46	Kopanica	49 27 50 N	19 27 00 E	49 27.833 N	19 27.000 E	922	T	Top of the hill	046KOP	38	154
47	Kotlarnia	50 16 30 N	18 22 20 E	50 16.500 N	18 22.333 E	207	T	Stadium	047KOT	83	313
48	Kozubova	49 33 55 N	18 40 05 E	49 33.917 N	18 40.083 E	981	T	Top of the hill	048KOZ	46	240
49	Krajcarze	49 44 50 N	19 16 23 E	49 44.833 N	19 16.383 E	742	T	Top of the hill	049KRA	4.6	127
51	Krowiarki	49 35 30 N	19 35 20 E	49 35.500 N	19 35.333 E	992	T	Road Cross	051KRO	33	127
52	Krzyszów	49 45 20 N	19 29 40 E	49 45.333 N	19 29.667 E	528	T	Church	052KRZ	20	95
53	Lipnica Wielka	49 29 28 N	19 36 00 E	49 29.467 N	19 36.000 E	776	T	Church	053LIP	41	139
55	Lubań	49 29 14 N	20 20 40 E	49 29.233 N	20 20.667 E	1210	T	Buildings	055LUB	87	111
56	Lubena	48 56 10 N	18 58 40 E	48 56.167 N	18 58.667 E	1373	T	Top of the hill	056LUB	95	191
57	Lubomia	50 02 25 N	18 18 35 E	50 02.417 N	18 18.583 E	229	T	Church	057LUB	72	295
58	Luboń Wielki	49 39 08 N	19 59 48 E	49 39.133 N	19 59.800 E	1022	T	TV Tower	058LUB	57	103

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Turnpoint	ID	Distance Km	Bearing
59	Lysa Hora	49 32 49 N	18 26 56 E	49 32.817 N	18 26.933 E	1328	T	Top of the hill	059LYS	61	246
60	Magura	48 52 20 N	18 32 00 E	48 52.333 N	18 32.000 E	1141	T	Top of the hill	060MAG	112	207
61	Makytá	49 15 40 N	18 10 00 E	49 15.667 N	18 10.000 E	922	T	Top of the hill	061MAK	95	234
62	Maly Polom	49 30 38 N	18 36 04 E	49 30.633 N	18 36.067 E	1060	T	Top of the hill	062MAL	53	237
63	Mikuszowice Krak.	49 46 42 N	19 05 35 E	49 46.700 N	19 05.583 E	624	T	Hospital	063MIK	9.3	274
64	Modýn	49 37 20 N	20 22 38 E	49 37.333 N	20 22.633 E	1028	T	Top of the hill	064MOD	85	101
65	Niedzica	49 25 05 N	20 19 35 E	49 25.083 N	20 19.583 E	561	T	Dam	065NIE	89	116
66	Nowy Targ	49 28 00 N	20 03 05 E	49 28.000 N	20 03.083 E	628	T	Hangar	066NOW	69	119
67	Odrzykon	49 45 24 N	21 48 48 E	49 45.400 N	21 48.800 E	502	T	TV Tower	067ODR	186	90
68	Ostredok N	49 10 47 N	19 47 50 E	49 10.783 N	19 47.833 E	2049	T	Top of the hill	068OST	78	148
69	Ostredok S	48 54 00 N	19 04 55 E	48 54.000 N	19 04.917 E	1592	T	Top of the hill	069OST	98	186
70	Oszust	49 24 30 N	19 11 40 E	49 24.500 N	19 11.667 E	1155	T	Top of the hill	070OSZ	41	183
71	Parac	49 19 30 N	19 12 57 E	49 19.500 N	19 12.950 E	1324	T	Top of the hill	071PAR	50	181
72	Piłsko	49 31 40 N	19 19 00 E	49 31.667 N	19 19.000 E	1556	T	Top of the hill	072PIL	28	166
73	Piwiczna	49 26 33 N	20 43 02 E	49 26.550 N	20 43.033 E	401	T	Bridge	073PIW	114	108
74	Podsarmie	49 33 25 N	19 48 20 E	49 33.417 N	19 48.333 E	807	T	Top of the hill	074POD	48	119
75	Pokój	50 53 10 N	17 50 00 E	50 53.167 N	17 50.000 E	159	T	Coordinates	075POK	158	322
76	Polaneczky	49 20 40 N	22 25 53 E	49 20.667 N	22 25.883 E	411	T	Haven	076POL	236	100
77	Polska Nowa Wieś	50 37 38 N	17 46 59 E	50 37.633 N	17 46.983 E	193	T	Hangar	077POL	140	313
78	Pytlówka	49 48 58 N	19 16 40 E	49 48.967 N	19 16.667 E	727	T	Top of the hill	078PYT	6.3	39
79	Radhost	49 29 30 N	18 13 23 E	49 29.500 N	18 13.383 E	1128	T	Top of the hill	079RAD	78	247
80	Rokos	48 46 07 N	18 26 26 E	48 46.117 N	18 26.433 E	1009	T	Top of the hill	080ROK	125	207
81	Rudy	50 10 47 N	18 25 23 E	50 10.783 N	18 25.383 E	206	T	Coordinates	081RUD	73	309
82	Rybnik	50 04 16 N	18 37 47 E	50 04.267 N	18 37.783 E	250	TA	Hangar	082RYB	54	308
84	Salatin	48 58 50 N	19 21 50 E	48 58.833 N	19 21.833 E	1630	T	Top of the hill	084SAL	89	173
85	Siprun	49 01 35 N	19 13 20 E	49 01.583 N	19 13.333 E	1461	T	Top of the hill	085SIP	83	180
86	Skalka	49 28 02 N	20 33 30 E	49 28.033 N	20 33.500 E	1041	T	Shelters House	086SKA	102	109
87	Skorusina	49 17 53 N	18 41 31 E	49 17.883 N	18 41.517 E	1313	T	Top of the hill	087SKO	65	216
88	Skrzyczne	49 41 00 N	19 02 11 E	49 41.000 N	19 02.183 E	1257	T	Top of the hill	088SKR	17	234
89	Smrk	49 30 25 N	18 22 30 E	49 30.417 N	18 22.500 E	1276	T	Top of the hill	089SMR	68	245
90	Stobrawa	50 50 35 N	17 37 29 E	50 50.583 N	17 37.483 E	133	T	Road Bridge	090STO	164	317
91	Stróza	49 47 43 N	19 55 40 E	49 47.717 N	19 55.667 E	296	T	Railway Station	091STR	51	87
92	Słemień	49 43 01 N	19 22 20 E	49 43.017 N	19 22.333 E	528	T	Sports Ground	092SLE	12	120
93	Strazov	48 57 20 N	18 28 10 E	48 57.333 N	18 28.167 E	1213	T	Top of the hill	093STR	106	211
94	Szyndzielnia	49 45 37 N	19 00 25 E	49 45.617 N	19 00.417 E	952	T	Top of the hill	094SZY	16	265
95	Tanecnice	49 23 07 N	18 11 42 E	49 23.117 N	18 11.700 E	911	T	Top of the hill	095TAN	86	240
96	Tokarnia	49 32 26 N	20 43 30 E	49 32.433 N	20 43.500 E	877	T	Top of the hill	096TOK	111	103
97	Turbacz	49 32 32 N	20 07 10 E	49 32.533 N	20 07.167 E	1314	T	Top of the hill	097TUR	69	111
98	Velka Raca	49 24 55 N	18 57 50 E	49 24.917 N	18 57.833 E	1236	T	Top of the hill	098VEL	44	205
99	Velky Choc	49 09 04 N	19 20 39 E	49 09.067 N	19 20.650 E	1607	T	Top of the hill	099VEL	70	173
100	Velky Krivan	49 11 25 N	19 01 50 E	49 11.417 N	19 01.833 E	1708	T	Top of the hill	100VEL	66	192
101	VPLE	50 50 00 N	18 00 00 E	50 50.000 N	18 00.000 E	177	T	Coordinates	101VPL	146	324
103	Vysoka	49 24 20 N	18 21 00 E	49 24.333 N	18 21.000 E	1024	T	Top of the hill	103VYS	75	237
104	Výsoky Vyrch	48 48 37 N	18 47 02 E	48 48.617 N	18 47.033 E	831	T	Top of the hill	104VYS	112	197
105	Watkowa	49 34 51 N	21 20 19 E	49 34.850 N	21 20.317 E	829	T	Top of the hill	105WAT	154	97

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Turnpoint	ID	Distance Km	Bearing
106	Wierchy	49 33 15 N	19 54 41 E	49 33.250 N	19 54.683 E	782	T	Top of the hill	106WIE	55	116
107	Wisla	49 36 55 N	18 55 33 E	49 36.917 N	18 55.550 E	572	T	Dam	107WIS	28	231
108	Woszczyce	50 04 50 N	18 45 30 E	50 04.833 N	18 45.500 E	257	T	Church	108WOS	48	316
109	Zmova	49 07 30 N	18 12 35 E	49 07.500 N	18 12.583 E	854	T	Top of the hill	109ZRN	103	226
110	Zuberec	49 14 50 N	19 32 45 E	49 14.833 N	19 32.750 E	1251	T	Top of the hill	110ZUB	63	158
111	Zar	49 46 20 N	19 13 20 E	49 46.333 N	19 13.333 E	385	THASF	Hangar	111ZAR		
113	Bielsko Biala	49 48 25 N	19 00 20 E	49 48.417 N	19 00.333 E	401	TA		113BBI	16	284
114	MAD	49 45 45 N	19 23 45 E	49 45.750 N	19 23.750 E	929	T		114MAD	13	95
115	Miedzybrodzie Bialskie	49 47 30 N	19 11 30 E	49 47.500 N	19 11.500 E	350	T		115MBI	3.1	315
116	PKO	49 46 45 N	19 19 30 E	49 46.750 N	19 19.500 E	718	T		116PKO	7.4	84
117	PPK	49 47 30 N	19 07 50 E	49 47.500 N	19 07.833 E	663	T		117PPK	6.9	288
118	WCI	49 47 05 N	19 15 40 E	49 47.083 N	19 15.667 E	806	T		118WCI	3.1	64
119	VPA	49 13 00 N	20 04 00 E	49 13.000 N	20 04.000 E		T		119VPA	87	135
120	VPB	49 14 45 N	20 03 30 E	49 14.750 N	20 03.500 E	2013	T		120VPB	84	134
121	FL	49 47 06 N	19 13 29 E	49 47.100 N	19 13.483 E	715	F	Strodek Mety	121FL	1.4	7

Codes*

- A: Airport
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint