

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Ostrów Wielkopolski, Michalków, Poland Control Points

Contest: 52nd Junior Nationals / Ostrów Glide 2024

Courtesy of Wojciech Batog

Dated: 09 August 2024

Magnetic Variation: 3.9E

Time zone: MET, Summer offset from GMT is 2:00 and in Winter it is 1:00.

*Printed Wednesday, 14 August 2024 at 14:57 GMT*

---

UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct  
information.

This service is provided free of charge with no warranties,  
expressed or implied.

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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
1	Dabrowa	51 52 21 N	18 37 18 E	51 52.350 N	18 37.300 E	139	T	001DAOWA	57	74	
2	Cybinka	52 11 35 N	14 47 50 E	52 11.583 N	14 47.833 E	49	T	002CYBIN	216	290	
3	Mochy	52 00 35 N	16 09 36 E	52 00.583 N	16 09.600 E	59	T	003MOCHY	121	291	
4	Szynkielow	51 21 22 N	18 45 15 E	51 21.367 N	18 45.250 E	165	T	004SZLOW	74	125	
5	Panoszow	50 48 51 N	18 38 29 E	50 48.850 N	18 38.483 E	252	T	005PAZOW	113	154	
6	Blaszki	51 39 11 N	18 26 07 E	51 39.183 N	18 26.117 E	160	T	006BLASZ	41	101	
7	Bojanowo	51 42 02 N	16 44 57 E	51 42.033 N	16 44.950 E	110	T	007BOJAN	76	274	
8	Ralewice	51 44 29 N	18 50 12 E	51 44.483 N	18 50.200 E	134	T	008RAICE	68	90	
9	Baszków	51 41 18 N	17 17 06 E	51 41.300 N	17 17.100 E	106	T	009BASZK	39	272	
10	Borek Wielkopolski	51 55 01 N	17 14 32 E	51 55.017 N	17 14.533 E	123	T	010BOREK	48	304	
11	Borowiec	51 47 42 N	15 53 49 E	51 47.700 N	15 53.817 E	76	T	011BOROW	135	279	
12	Brzezcie	51 36 00 N	18 16 00 E	51 36.000 N	18 16.000 E	133	T	012BRZEZ	31	115	
13	Cichmiana	52 04 42 N	18 46 54 E	52 04.700 N	18 46.900 E	96	T	013CIANA	77	60	
14	Chlewo	51 45 01 N	18 28 03 E	51 45.017 N	18 28.050 E	131	T	014CHEWO	43	86	
15	Kozminek	51 48 09 N	18 20 37 E	51 48.150 N	18 20.617 E	126	T	015KONEK	36	76	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
16	Trzciel	52 22 20 N	15 53 12 E	52 22.333 N	15 53.200 E	55	T	016TRIEL	153	304	
17	Broniszow	51 46 56 N	15 29 20 E	51 46.933 N	15 29.333 E	91	T	017BRONI	163	278	
18	Kolo	52 11 48 N	18 38 45 E	52 11.800 N	18 38.750 E	93	T	018KOLO	78	48	
19	Budachów	52 09 14 N	15 04 53 E	52 09.233 N	15 04.883 E	79	T	019BUDAC	196	290	
20	Zlotaryja	51 07 34 N	15 55 10 E	51 07.567 N	15 55.167 E	214	T	020ZLYJA	148	249	
21	Gorzow Wielkopolski	52 42 04 N	15 13 58 E	52 42.067 N	15 13.967 E	20	T	021GORZW	210	307	
22	Zborow	51 50 41 N	18 11 06 E	51 50.683 N	18 11.100 E	124	T	022ZBROW	28	59	
23	Chelmce Wieza	51 42 02 N	18 10 05 E	51 42.033 N	18 10.083 E	161	T	023CHELMC	22	94	
24	Chocianów	51 25 06 N	15 54 23 E	51 25.100 N	15 54.383 E	149	T	024CHOCI	138	261	
25	Lwówek Slaski	51 06 39 N	15 35 14 E	51 06.650 N	15 35.233 E	212	T	025LWWEK	170	252	
26	Grzymiszew	52 02 42 N	18 22 02 E	52 02.700 N	18 22.033 E	117	T	026GRZEW	52	47	
27	Koscielna Wies	51 47 13 N	18 00 51 E	51 47.217 N	18 00.850 E	112	T	027KOSW	15	54	
28	Wrzesnia	52 18 18 N	17 34 13 E	52 18.300 N	17 34.217 E	99	T	028WRNIA	70	348	
29	Nowe Karmonki	50 54 03 N	18 36 05 E	50 54.050 N	18 36.083 E	253	T	029NOKAR	103	153	
30	Gorzów Slaski	51 01 51 N	18 25 23 E	51 01.850 N	18 25.383 E	192	T	030GOOWS	85	155	
31	Czernina	51 43 08 N	16 37 06 E	51 43.133 N	16 37.100 E	98	T	031CZERJ	85	276	
32	Piaseczna	50 56 31 N	18 23 26 E	50 56.517 N	18 23.433 E	220	T	032PIZNA	93	160	
33	Węgrzynice	52 11 22 N	15 20 29 E	52 11.367 N	15 20.483 E	100	T	033WEGRZ	180	292	
34	Korczycow	52 08 21 N	14 55 56 E	52 08.350 N	14 55.933 E	109	T	034KORC	206	289	
35	Brody	51 45 37 N	14 46 26 E	51 45.617 N	14 46.433 E	100	T	035BRODY	212	277	
36	Brzezica	51 43 01 N	15 23 02 E	51 43.017 N	15 23.033 E	110	T	036BRICA	170	275	
37	Nowe Skalmierzyce	51 42 38 N	17 59 29 E	51 42.633 N	17 59.483 E	139	T	037NSKAL	10	88	
38	Dolsk	51 59 11 N	17 03 51 E	51 59.183 N	17 03.850 E	80	T	038DOLSK	62	305	
39	Buczyna	51 33 23 N	15 53 26 E	51 33.383 N	15 53.433 E	131	T	039BUYNA	136	268	
40	Gronów	51 11 49 N	15 10 38 E	51 11.817 N	15 10.633 E	254	T	040GRNOW	193	258	
41	Drzonów	51 56 41 N	15 18 58 E	51 56.683 N	15 18.967 E	89	T	041DZONO	176	284	
42	Nowogrodziec	51 11 41 N	15 23 32 E	51 11.683 N	15 23.533 E	201	T	042NOOGR	179	257	
43	Działoszyn	51 06 34 N	18 52 23 E	51 06.567 N	18 52.383 E	212	T	043DZIAL	97	136	
44	Wartowice	51 13 24 N	15 41 23 E	51 13.400 N	15 41.383 E	213	T	044WATOW	159	255	
45	Gaworzyce	51 38 14 N	15 53 23 E	51 38.233 N	15 53.383 E	89	T	045GAWOR	135	272	
46	Gizalki	52 02 29 N	17 45 29 E	52 02.483 N	17 45.483 E	85	T	046GIZAL	38	355	
47	Lisowice	51 17 06 N	16 21 20 E	51 17.100 N	16 21.333 E	100	T	047LIICE	113	250	
48	Golnice	51 21 25 N	15 35 38 E	51 21.417 N	15 35.633 E	166	T	048GOLNI	160	261	
49	Dabrowka	50 47 52 N	18 02 53 E	50 47.867 N	18 02.883 E	178	T	049DAWKA	101	176	
50	Gostyń	51 53 07 N	17 02 07 E	51 53.117 N	17 02.117 E	121	T	050GOSTY	59	294	
51	Góra	51 39 37 N	16 32 22 E	51 39.617 N	16 32.367 E	95	T	051GORA	90	272	
52	Grabów nad Proсна	51 30 21 N	18 07 38 E	51 30.350 N	18 07.633 E	200	T	052GRABO	29	142	
53	Grochowice	51 46 55 N	16 01 10 E	51 46.917 N	16 01.167 E	95	T	053GROCH	126	279	
54	Grodziec	52 02 20 N	18 03 41 E	52 02.333 N	18 03.683 E	100	T	054GRODZ	40	25	
55	Pokój	50 54 09 N	17 50 14 E	50 54.150 N	17 50.233 E	160	T	055POKOJ	89	184	
56	Trkusów	51 45 19 N	17 57 52 E	51 45.317 N	17 57.867 E	129	T	056TRKU	10	57	

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
57	Skwierzyna	52 35 10 N	15 29 47 E	52 35.167 N	15 29.783 E	42	T	057SKWIE	188	306	
58	Miedzychod	52 35 56 N	15 54 11 E	52 35.933 N	15 54.183 E	36	T	058MIDZY	166	312	
59	Swierzawa	51 01 00 N	15 53 21 E	51 01.000 N	15 53.350 E	261	T	059SWAWA	156	245	
60	Bilczew	51 39 55 N	17 58 43 E	51 39.917 N	17 58.717 E	128	T	060BILC	10.0	118	
61	Bolków	50 55 27 N	16 06 13 E	50 55.450 N	16 06.217 E	315	T	061BOKOW	149	239	
62	Janiszowice	51 54 35 N	15 02 13 E	51 54.583 N	15 02.217 E	86	T	062JANIS	195	282	
63	Janków	51 53 55 N	17 57 15 E	51 53.917 N	17 57.250 E	115	T	063JANKO	23	23	
64	Jarocin	51 57 22 N	17 31 08 E	51 57.367 N	17 31.133 E	120	T	064JAROC	36	326	
65	Jasien	51 45 11 N	15 01 37 E	51 45.183 N	15 01.617 E	95	T	065JASIE	194	277	
66	Swiebodzice	50 51 05 N	16 19 04 E	50 51.083 N	16 19.067 E	316	T	066SWICE	142	233	
67	Jemielno	51 31 35 N	16 32 35 E	51 31.583 N	16 32.583 E	140	T	067JEMIE	92	262	
68	Walbrzych	50 47 01 N	16 17 07 E	50 47.017 N	16 17.117 E	412	T	068WAYCH	149	231	
69	Checiny	50 48 33 N	20 29 07 E	50 48.550 N	20 29.117 E	254	T	069CHINY	209	121	
70	Jedrzejow	50 38 51 N	20 19 16 E	50 38.850 N	20 19.267 E	249	T	070JEJOW	209	127	
71	Kaszczor	51 57 25 N	16 09 40 E	51 57.417 N	16 09.667 E	66	T	071KASZC	119	288	
72	Stawiany	50 35 29 N	20 35 52 E	50 35.483 N	20 35.867 E	224	T	072STANY	228	126	
73	Kakolewo East	51 51 31 N	16 41 28 E	51 51.517 N	16 41.467 E	109	T	073KAK E	81	287	
74	Leszczyny	51 12 50 N	20 45 21 E	51 12.833 N	20 45.350 E	256	T	074LEYNY	209	108	
75	Kluczbork	50 58 05 N	18 13 32 E	50 58.083 N	18 13.533 E	190	T	075KLUCZ	86	166	
76	Kobylin	51 43 10 N	17 13 22 E	51 43.167 N	17 13.367 E	112	T	076KOBYL	43	277	
77	Kolsko	51 57 46 N	15 57 25 E	51 57.767 N	15 57.417 E	56	T	077KOLSK	133	287	
78	Opoczno	51 22 11 N	20 17 42 E	51 22.183 N	20 17.700 E	179	T	078OPZNO	173	105	
79	Korzeńsko	51 32 16 N	16 52 32 E	51 32.267 N	16 52.533 E	90	T	079KORZE	69	259	
80	Zarnów	51 14 51 N	20 10 18 E	51 14.850 N	20 10.300 E	232	T	080ZANOW	169	110	
81	Niemcza	50 42 53 N	16 50 18 E	50 42.883 N	16 50.300 E	210	T	081NICZA	130	217	
82	Koźmin Wielkopolski	51 49 54 N	17 26 39 E	51 49.900 N	17 26.650 E	140	T	082KOZMI	31	302	
83	Kozuchow	51 44 07 N	15 35 46 E	51 44.117 N	15 35.767 E	120	T	083KOZUC	155	276	
84	Krobia Ratusz	51 46 29 N	16 59 08 E	51 46.483 N	16 59.133 E	118	T	084KROBI	60	282	
85	Krosno Odrzańskie	52 03 02 N	15 05 55 E	52 03.033 N	15 05.917 E	79	T	085KRO O	193	287	
86	Krotoszyn	51 41 56 N	17 27 25 E	51 41.933 N	17 27.417 E	140	T	086KROTO	27	273	
87	Wysocko Male	51 36 34 N	17 50 09 E	51 36.567 N	17 50.150 E	167	T	087WYSM	10	188	
88	Krzywa	51 16 26 N	15 47 38 E	51 16.433 N	15 47.633 E	180	T	088KRZYW	150	256	
89	Krzywin	51 57 37 N	16 48 56 E	51 57.617 N	16 48.933 E	97	T	089KRZYN	76	296	
90	Zalesie	51 40 06 N	17 42 49 E	51 40.100 N	17 42.817 E	149	T	090ZALE	9.9	252	
91	Ligota	51 47 15 N	17 41 37 E	51 47.250 N	17 41.617 E	147	T	091LIGO	14	316	
92	Goluchów	51 49 37 N	17 55 33 E	51 49.617 N	17 55.550 E	109	T	092GOLU	15	25	
93	Gostyczyna	51 40 35 N	18 03 51 E	51 40.583 N	18 03.850 E	126	T	093GSTYC	15	104	
94	Ślubice	52 20 47 N	14 33 45 E	52 20.783 N	14 33.750 E	21	T	094SLUB	236	293	
95	Lgi´	51 53 00 N	16 14 02 E	51 53.000 N	16 14.033 E	70	T	095LGIN	113	285	
96	Leszno Tower	51 50 00 N	16 32 01 E	51 50.000 N	16 32.017 E	89	AT	096LES T	92	284	
97	Letnica	51 53 20 N	15 19 13 E	51 53.333 N	15 19.217 E	87	T	097LETNI	175	282	

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
98	Zytowa´	52 01 29 N	14 45 23 E	52 01.483 N	14 45.383 E	46	T	098ZYTOW	215	285	
99	Lipna	51 26 11 N	15 00 34 E	51 26.183 N	15 00.567 E	156	T	099LIPNA	198	266	
100	Lipno	51 55 05 N	16 34 13 E	51 55.083 N	16 34.217 E	112	T	100LIPNO	91	290	
101	Gubin	51 56 47 N	14 47 32 E	51 56.783 N	14 47.533 E	75	T	101GUBIN	212	282	
102	Strzyzew	51 35 47 N	17 58 39 E	51 35.783 N	17 58.650 E	129	T	102STRZY	15	146	
103	Lubin	51 25 33 N	16 11 26 E	51 25.550 N	16 11.433 E	156	AT	103LUBIN	118	260	
104	Daniszyn	51 39 20 N	17 38 04 E	51 39.333 N	17 38.067 E	127	T	104DANIS	15	255	
105	Debnica	51 33 39 N	17 48 31 E	51 33.650 N	17 48.517 E	126	T	105DEBN	16	193	
106	Lesn	51 44 34 N	17 38 35 E	51 44.567 N	17 38.583 E	162	T	106LESN	15	292	
107	Rozopole	51 42 52 N	17 33 25 E	51 42.867 N	17 33.417 E	145	T	107ROZOP	20	278	
108	Budy	51 48 19 N	17 36 32 E	51 48.317 N	17 36.533 E	152	T	108BUDY	20	309	
109	Brzezic	51 53 11 N	17 52 02 E	51 53.183 N	17 52.033 E	109	T	109BRZEZ	21	8	
110	Zegocin	51 49 28 N	18 03 24 E	51 49.467 N	18 03.400 E	115	T	110ZEGOC	20	50	
111	Lysiny	51 48 57 N	16 13 03 E	51 48.950 N	16 13.050 E	105	T	111LYSIN	113	281	
112	Malanów	51 57 15 N	18 23 34 E	51 57.250 N	18 23.567 E	180	T	112MALAN	47	57	
113	Maluszyn	50 54 35 N	19 47 56 E	50 54.583 N	19 47.933 E	228	T	113MALUS	162	126	
115	Olesnica	51 13 38 N	17 26 22 E	51 13.633 N	17 26.367 E	157	T	115OLICA	60	212	
116	Jegrzna	50 59 35 N	20 46 37 E	50 59.583 N	20 46.617 E	352	T	116JEZNA	218	114	
117	Mikstat	51 31 53 N	17 58 23 E	51 31.883 N	17 58.383 E	160	T	117MIKST	21	159	
118	Milicz	51 32 02 N	17 16 25 E	51 32.033 N	17 16.417 E	110	T	118MILIC	44	249	
119	Milsko	51 56 56 N	15 46 28 E	51 56.933 N	15 46.467 E	66	T	119MILSK	145	286	
120	Wielowies	51 36 06 N	18 05 07 E	51 36.100 N	18 05.117 E	129	T	120WIELO	20	128	
121	Namysłów	51 04 36 N	17 43 02 E	51 04.600 N	17 43.033 E	150	T	121NAMYS	70	191	
122	Rzepin	52 20 43 N	14 49 56 E	52 20.717 N	14 49.933 E	56	T	122RZEP	218	294	
123	Osno Lubuskie	52 27 10 N	14 52 39 E	52 27.167 N	14 52.650 E	45	T	123OSNO	219	297	
124	Nietkowice	52 03 56 N	15 19 47 E	52 03.933 N	15 19.783 E	45	T	124NIETK	177	288	
125	Nowa Sól	51 47 59 N	15 44 16 E	51 47.983 N	15 44.267 E	65	T	125N SOL	146	279	
126	Nowe Czaple	51 35 31 N	14 45 47 E	51 35.517 N	14 45.783 E	149	T	126N CZA	213	272	
127	Nowógród Bobrzanski	51 48 23 N	15 14 23 E	51 48.383 N	15 14.383 E	86	T	127NOW B	180	279	
128	Witnica	52 40 07 N	14 53 59 E	52 40.117 N	14 53.983 E	19	T	128WITN	228	303	
129	Drezdenko	52 50 10 N	15 49 55 E	52 50.167 N	15 49.917 E	30	T	129DREZ	186	317	
130	Trzcianka	53 01 38 N	16 28 19 E	53 01.633 N	16 28.317 E	73	T	130TRZC	174	332	
131	Odolanow Dworzec	51 34 29 N	17 40 07 E	51 34.483 N	17 40.117 E	86	T	131ODOLA	19	225	
132	Wysoka	52 22 29 N	15 27 30 E	52 22.483 N	15 27.500 E	89	T	132WYSOK	180	299	
133	Czarnkow	52 53 49 N	16 33 44 E	52 53.817 N	16 33.733 E	72	T	133CZAR	159	331	
134	Orla Góra	51 13 30 N	19 24 48 E	51 13.500 N	19 24.800 E	310	T	134ORL G	121	119	
135	Orzechowo	52 06 34 N	17 29 09 E	52 06.567 N	17 29.150 E	76	T	135ORZEC	52	335	
136	Osieczna	51 54 20 N	16 41 00 E	51 54.333 N	16 41.000 E	93	T	136OSIEC	83	290	
137	Ostrzeszów	51 25 41 N	17 56 32 E	51 25.683 N	17 56.533 E	230	T	137OSTRZ	31	172	
138	Torzym	52 18 45 N	15 04 57 E	52 18.750 N	15 04.950 E	92	T	138TORZY	201	295	
139	Toporow	52 15 51 N	15 15 40 E	52 15.850 N	15 15.667 E	109	T	139TOPOR	188	294	

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
140	Wilkowo	52 15 15 N	15 28 08 E	52 15.250 N	15 28.133 E	85	T	140WILKO	174	296	
141	Miedzyborz	51 23 47 N	17 39 58 E	51 23.783 N	17 39.967 E	176	T	141MIEDZ	36	204	
142	Pogorzela	51 49 21 N	17 13 43 E	51 49.350 N	17 13.717 E	131	T	142POGOR	45	292	
143	Polkowice	51 29 26 N	16 04 35 E	51 29.433 N	16 04.583 E	153	T	143POLKO	124	264	
145	Potoczek	51 33 42 N	16 01 49 E	51 33.700 N	16 01.817 E	165	T	145POTOC	126	268	
146	Blizocin	51 22 06 N	17 09 24 E	51 22.100 N	17 09.400 E	118	T	146BLIZ	60	236	
147	Weglewie	51 23 36 N	18 14 10 E	51 23.600 N	18 14.167 E	155	T	147WELEW	44	146	
148	Przylep	51 58 31 N	15 27 53 E	51 58.517 N	15 27.883 E	77	T	148PRZYL	166	285	
149	Trzebnica	51 19 36 N	17 03 13 E	51 19.600 N	17 03.217 E	154	T	149TRZEB	69	237	
150	Pyzdry	52 10 06 N	17 41 40 E	52 10.100 N	17 41.667 E	85	T	150PYZDR	53	353	
151	Racula	51 55 19 N	15 33 10 E	51 55.317 N	15 33.167 E	170	T	151RACUL	160	284	
152	Chajew	51 31 43 N	18 31 22 E	51 31.717 N	18 31.367 E	174	T	152CHAJ	50	116	
153	Rawicz	51 36 24 N	16 50 29 E	51 36.400 N	16 50.483 E	105	T	153RAWIC	70	266	
154	Rapice	52 06 41 N	14 43 47 E	52 06.683 N	14 43.783 E	48	T	154RAPIC	219	287	
155	Kuchary	51 48 19 N	17 59 16 E	51 48.317 N	17 59.267 E	115	T	155KUCHA	15	44	
156	Rudna	51 30 15 N	16 16 02 E	51 30.250 N	16 16.033 E	150	T	156RUDNA	111	263	
157	Rusiec Dworzec	51 19 02 N	18 58 11 E	51 19.033 N	18 58.183 E	172	T	157RUSIE	89	122	
158	Rybin	51 22 03 N	17 44 56 E	51 22.050 N	17 44.933 E	160	T	158RYBIN	38	194	
159	Rydzyna	51 47 18 N	16 40 21 E	51 47.300 N	16 40.350 E	90	T	159RYDZY	81	281	
160	Zgorzelec	51 08 38 N	17 54 00 E	51 08.633 N	17 54.000 E	191	T	160ZGRZE	62	180	
161	Twardogóra	51 22 01 N	17 27 50 E	51 22.017 N	17 27.833 E	174	T	161TWRDO	46	219	
162	Rzeszotary	51 16 04 N	16 09 16 E	51 16.067 N	16 09.267 E	140	T	162RZESZ	127	252	
163	Sadow	52 13 23 N	14 50 43 E	52 13.383 N	14 50.717 E	80	T	163SADOW	214	291	
164	Smardzew	51 36 13 N	18 38 49 E	51 36.217 N	18 38.817 E	139	T	164SMARD	56	105	
165	Siciny	51 43 35 N	16 25 32 E	51 43.583 N	16 25.533 E	96	T	165SICIN	98	276	
166	Wielgie Milickie	51 31 08 N	17 30 38 E	51 31.133 N	17 30.633 E	116	T	166WMILI	31	233	
167	Nysa Dworzec	50 28 45 N	17 20 27 E	50 28.750 N	17 20.450 E	187	T	167NYSA	140	199	
168	Starosiedle	51 51 19 N	14 50 01 E	51 51.317 N	14 50.017 E	59	T	168STALE	208	280	
169	Dzietrzniki	51 06 26 N	18 36 26 E	51 06.433 N	18 36.433 E	217	T	169DZTRZ	85	145	
170	Szczytniki	51 41 05 N	18 20 07 E	51 41.083 N	18 20.117 E	137	T	170SZZYT	34	97	
171	Jeziorsko	51 46 52 N	18 39 07 E	51 46.867 N	18 39.117 E	113	T	171JEIOR	56	85	
172	Dubin	51 36 57 N	17 08 56 E	51 36.950 N	17 08.933 E	99	T	172DUBIN	49	263	
173	Slupia Kapitulna	51 36 19 N	16 58 14 E	51 36.317 N	16 58.233 E	90	T	173SLU K	61	264	
174	Czermin	51 57 11 N	17 45 04 E	51 57.183 N	17 45.067 E	115	T	174CZMIN	29	351	
175	Delfina	51 15 00 N	18 55 02 E	51 15.000 N	18 55.033 E	169	T	175DELF	90	128	
176	Sosnie Przejazd	51 28 21 N	17 38 20 E	51 28.350 N	17 38.333 E	134	T	176SOSNI	29	213	
177	Stany	51 51 41 N	15 46 29 E	51 51.683 N	15 46.483 E	90	T	177STANY	144	282	
178	Lewin	50 45 18 N	17 36 57 E	50 45.300 N	17 36.950 E	148	T	178LEWIN	106	193	
179	Zabkowice	50 35 30 N	16 48 44 E	50 35.500 N	16 48.733 E	288	T	179ZAICE	143	215	
180	Stradomia Zabudowania	51 15 14 N	17 39 05 E	51 15.233 N	17 39.083 E	180	T	180STRAD	52	199	
181	Wierzbna	50 39 56 N	17 16 03 E	50 39.933 N	17 16.050 E	234	T	181WIBNA	122	203	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
182	Opole-Polska Nowa Wies	50 37 56 N	17 46 52 E	50 37.933 N	17 46.867 E	186	AT	182OPOLE	119	186	
183	Sulow	51 29 28 N	17 09 52 E	51 29.467 N	17 09.867 E	90	T	183SULOW	53	248	
184	Strzel	51 17 50 N	17 21 29 E	51 17.833 N	17 21.483 E	172	T	184STZEL	56	221	
185	Pekszy	51 24 15 N	16 52 07 E	51 24.250 N	16 52.117 E	99	T	185PESZY	75	248	
186	Stawy	50 53 17 N	17 35 39 E	50 53.283 N	17 35.650 E	142	T	186STAWY	92	195	
187	Scinawa	51 24 23 N	16 26 47 E	51 24.383 N	16 26.783 E	80	T	187SCINA	102	256	
188	Chode	52 24 19 N	19 01 31 E	52 24.317 N	19 01.517 E	128	T	188CHODE	112	49	
189	Smigiel	52 00 45 N	16 31 34 E	52 00.750 N	16 31.567 E	103	T	189SMIGI	97	295	
190	Szprotawa-Wiechlice	51 33 44 N	15 33 58 E	51 33.733 N	15 33.967 E	125	T	190SZPRO	158	269	
191	Wolow	51 06 17 N	20 47 39 E	51 06.283 N	20 47.650 E	293	T	191WOLOW	215	111	
192	Rogow	51 02 38 N	20 34 13 E	51 02.633 N	20 34.217 E	273	T	192ROGOW	203	114	
193	Utrata	51 36 10 N	19 07 29 E	51 36.167 N	19 07.483 E	169	T	193UTATA	89	100	
194	Maszkow	52 35 21 N	15 05 51 E	52 35.350 N	15 05.850 E	33	T	194MASZK	212	303	
195	Goszcza	52 46 32 N	15 38 19 E	52 46.533 N	15 38.317 E	21	T	195GOSZC	192	313	
196	Taczanow	51 50 25 N	17 45 24 E	51 50.417 N	17 45.400 E	140	T	196TACZA	17	342	
197	Tarnow Jezierny	51 51 26 N	15 59 55 E	51 51.433 N	15 59.917 E	69	T	197TAR J	128	282	
198	Rogoz	52 46 41 N	16 59 21 E	52 46.683 N	16 59.350 E	74	T	198ROGOZ	133	338	
199	Berznik	51 26 11 N	20 43 33 E	51 26.183 N	20 43.550 E	162	T	199BENIK	201	101	
200	Wawrz	51 18 30 N	20 34 51 E	51 18.500 N	20 34.850 E	269	T	200WAWRZ	194	106	
201	Sedziszow	50 33 52 N	20 03 22 E	50 33.867 N	20 03.367 E	263	T	201SEDZI	199	132	
202	Dabie	50 44 24 N	19 45 41 E	50 44.400 N	19 45.683 E	241	T	202DABIE	171	132	
203	Janów	50 43 48 N	19 26 02 E	50 43.800 N	19 26.033 E	267	T	203JANOW	155	138	
204	Korzon	50 42 42 N	18 58 33 E	50 42.700 N	18 58.550 E	309	T	204KOZON	135	148	
205	Tuplice	51 40 19 N	14 50 11 E	51 40.317 N	14 50.183 E	115	T	205TUPLI	208	274	
206	Turek	52 00 48 N	18 29 06 E	52 00.800 N	18 29.100 E	120	T	206TUREK	56	55	
207	Perzyn	50 39 45 N	19 57 44 E	50 39.750 N	19 57.733 E	266	T	207PEZYN	187	131	
208	Stare	50 45 00 N	20 15 03 E	50 45.000 N	20 15.050 E	228	T	208STARE	198	125	
209	Tuszyn	51 36 38 N	19 32 14 E	51 36.633 N	19 32.233 E	207	T	209TUSZ	117	98	
210	Tomasz	51 33 23 N	20 02 32 E	51 33.383 N	20 02.533 E	176	T	210TOASZ	152	99	
211	Wysmierzyce	51 37 30 N	20 48 53 E	51 37.500 N	20 48.883 E	125	T	211WYMIE	205	95	
212	Rawa	51 46 01 N	20 16 01 E	51 46.017 N	20 16.017 E	135	T	212RAWA	167	90	
213	Wasosz	51 33 42 N	16 41 05 E	51 33.700 N	16 41.083 E	90	T	213WASOS	82	263	
214	Wegliniec	51 17 22 N	15 13 22 E	51 17.367 N	15 13.367 E	190	T	214WEGLI	187	261	
215	Dobrzyn nad Wisla	52 38 16 N	19 19 33 E	52 38.267 N	19 19.550 E	97	T	215DORZY	145	47	
215	Slupca	52 17 19 N	17 52 12 E	52 17.317 N	17 52.200 E	93	T	215SLPCA	65	5	
216	Patno	52 18 32 N	18 15 32 E	52 18.533 N	18 15.533 E	87	T	216PATNO	73	26	
217	Babiak	52 21 16 N	18 40 13 E	52 21.267 N	18 40.217 E	115	T	217BAIAK	92	41	
218	Wielun	51 14 24 N	18 33 38 E	51 14.400 N	18 33.633 E	204	T	218WIELU	71	140	
219	Wieruszow	51 18 04 N	18 08 53 E	51 18.067 N	18 08.883 E	160	T	219WIERU	49	159	
220	Tury	52 12 21 N	18 28 07 E	52 12.350 N	18 28.117 E	82	T	220TURY	70	41	
221	Wilkówice	51 41 46 N	16 12 11 E	51 41.767 N	16 12.183 E	75	T	221WILKW	113	274	

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
222	Winsko	51 28 11 N	16 36 34 E	51 28.183 N	16 36.567 E	138	T	222WINSK	89	258	
223	Włoszczowa	50 50 16 N	20 00 53 E	50 50.267 N	20 00.883 E	255	T	223WLOSZ	179	126	
224	Konin	52 13 34 N	18 15 11 E	52 13.567 N	18 15.183 E	101	T	224KONIN	65	29	
225	Kłoda	52 15 54 N	18 54 38 E	52 15.900 N	18 54.633 E	123	T	225KŁODA	96	53	
226	Przed	52 20 39 N	18 54 33 E	52 20.650 N	18 54.550 E	112	T	226PRZED	102	49	
227	Wschowa	51 47 37 N	16 18 52 E	51 47.617 N	16 18.867 E	110	T	227WSCHO	106	280	
228	Wymiarki	51 30 50 N	15 05 20 E	51 30.833 N	15 05.333 E	140	T	228WYMIA	192	269	
229	Zagórow	52 10 06 N	17 54 08 E	52 10.100 N	17 54.133 E	80	T	229ZAGOR	52	8	
230	Swiec	52 19 27 N	18 25 59 E	52 19.450 N	18 25.983 E	96	T	230SWIEC	80	34	
231	Zbarzewo	51 52 31 N	16 22 27 E	51 52.517 N	16 22.450 E	115	T	231ZBARZ	103	285	
232	Golin	52 14 36 N	18 05 31 E	52 14.600 N	18 05.517 E	94	T	232GOLIN	63	19	
233	Zbiersk	51 57 10 N	18 07 58 E	51 57.167 N	18 07.967 E	125	T	233ZBIER	34	39	
234	Zebrzydowa	51 15 14 N	15 24 44 E	51 15.233 N	15 24.733 E	185	T	234ZEBRZ	176	258	
235	Sobotka	51 47 06 N	17 51 47 E	51 47.100 N	17 51.783 E	137	T	235SOBO	9.4	11	
236	Zloczew	51 24 57 N	18 36 19 E	51 24.950 N	18 36.317 E	180	T	236ZLOCZ	61	125	
237	Kutno	52 13 14 N	19 21 15 E	52 13.233 N	19 21.250 E	112	T	237KUTNO	118	64	
238	Ktery	52 07 47 N	19 22 43 E	52 07.783 N	19 22.717 E	100	T	238KTERY	115	69	
239	Plock	52 31 38 N	19 40 27 E	52 31.633 N	19 40.450 E	59	T	239PLOCK	155	57	
240	Zagan	51 38 45 N	15 19 00 E	51 38.750 N	15 19.000 E	104	T	240ZAGAN	175	273	
241	Raszków	51 43 01 N	17 43 19 E	51 43.017 N	17 43.317 E	141	T	241RASZK	8.7	285	
242	Zmigrod	51 28 53 N	16 54 10 E	51 28.883 N	16 54.167 E	90	T	242ZMIGR	70	254	
243	Gosnin	52 25 48 N	19 28 16 E	52 25.800 N	19 28.267 E	91	T	243GONIN	137	57	
244	<b>Home</b>	51 42 05 N	17 50 47 E	51 42.083 N	17 50.783 E	142	HDSF	244HOME			Michalków
245	Bedzieszyn	51 44 05 N	17 51 24 E	51 44.083 N	17 51.400 E	135	T	245BEDZ	3.8	15	
246	Franklinów	51 40 18 N	17 48 05 E	51 40.300 N	17 48.083 E	131	T	246FRANK	4.5	227	
247	Biniew Dworzec	51 44 15 N	17 47 20 E	51 44.250 N	17 47.333 E	157	T	247BINIE	5.6	319	
248	Ociaz Dworzec	51 42 05 N	17 55 27 E	51 42.083 N	17 55.450 E	135	T	248OCIAZ	5.4	94	
249	Parczew	51 38 10 N	17 56 09 E	51 38.167 N	17 56.150 E	150	T	249PARCZ	9.5	144	
250	Wlocl	52 38 12 N	19 04 53 E	52 38.200 N	19 04.883 E	64	T	250WLOCL	134	42	
252	Jazy	52 35 36 N	19 19 20 E	52 35.600 N	19 19.333 E	76	T	252JAZY	141	49	
253	Wola	52 24 46 N	19 16 09 E	52 24.767 N	19 16.150 E	124	T	253WOLA	125	54	
254	Milosl	52 12 14 N	17 29 18 E	52 12.233 N	17 29.300 E	82	T	254MIOSL	61	340	
255	Barczyna	52 22 42 N	17 26 54 E	52 22.700 N	17 26.900 E	112	T	255BAYNA	80	344	
256	Wirzyce	52 27 24 N	17 22 59 E	52 27.400 N	17 22.983 E	119	T	256WIYCE	90	343	
257	Pobiedziska	52 28 37 N	17 17 16 E	52 28.617 N	17 17.267 E	109	T	257POSKA	94	340	
258	Klecko	52 37 58 N	17 25 41 E	52 37.967 N	17 25.683 E	104	T	258KLCKO	107	349	
259	Golancz	52 56 35 N	17 17 58 E	52 56.583 N	17 17.967 E	94	T	259GONCZ	143	349	
260	Chodziej	52 59 19 N	16 54 42 E	52 59.317 N	16 54.700 E	73	T	260CHIEZ	157	340	
261	Obrzycko	52 42 47 N	16 31 20 E	52 42.783 N	16 31.333 E	55	T	261OBCKO	144	326	
262	Ryczywol	52 48 47 N	16 49 56 E	52 48.783 N	16 49.933 E	71	T	262RYWOL	142	335	
263	Biała	52 49 48 N	16 18 31 E	52 49.800 N	16 18.517 E	56	T	263BIALA	163	325	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
264	Kuznica	52 58 35 N	16 04 53 E	52 58.583 N	16 04.883 E	51	T	264KUICA	186	324	
265	Niemczyn	52 50 28 N	17 23 48 E	52 50.467 N	17 23.800 E	100	T	265NIZYN	130	351	
266	Pila	53 07 49 N	16 46 37 E	53 07.817 N	16 46.617 E	54	T	266PILA	175	340	
267	Skoki	52 40 19 N	17 09 40 E	52 40.317 N	17 09.667 E	85	T	267SKOKI	118	341	
268	Boguslawice	51 11 21 N	19 07 52 E	51 11.350 N	19 07.867 E	204	T	268BOG	106	126	
269	Byczyna Ratusz	51 06 51 N	18 12 50 E	51 06.850 N	18 12.833 E	199	T	269BYC	70	162	
270	Czastary	51 15 32 N	18 19 16 E	51 15.533 N	18 19.267 E	181	T	270CAS	59	150	
271	Falkow	51 08 07 N	20 06 12 E	51 08.117 N	20 06.200 E	242	T	271FAL	169	115	
272	Garnek	50 53 12 N	19 26 59 E	50 53.200 N	19 26.983 E	220	T	272GAR	144	132	
273	Góry Mokre	51 01 19 N	20 00 05 E	51 01.317 N	20 00.083 E	234	T	273GMO	168	120	
274	Kepno	51 17 53 N	18 00 19 E	51 17.883 N	18 00.317 E	168	T	274KEP	46	170	
275	Klonowa	51 25 08 N	18 25 03 E	51 25.133 N	18 25.050 E	169	T	275KLO	50	132	
276	Klobuck	50 54 39 N	18 55 59 E	50 54.650 N	18 55.983 E	239	T	276KLC	116	143	
277	Kowal	51 01 56 N	19 37 26 E	51 01.933 N	19 37.433 E	251	T	277KOW	144	124	
278	Komorznio	51 07 06 N	18 04 09 E	51 07.100 N	18 04.150 E	181	T	278KOM	67	170	
279	Konskie	51 11 43 N	20 24 58 E	51 11.717 N	20 24.967 E	236	T	279KSK	187	110	
280	Krasocin	50 53 25 N	20 06 49 E	50 53.417 N	20 06.817 E	249	T	280KRA	182	123	
281	Kruszyna	50 59 42 N	19 17 18 E	50 59.700 N	19 17.300 E	232	T	281KRU	127	131	
282	Lubojna	50 53 40 N	19 07 04 E	50 53.667 N	19 07.067 E	230	T	282LUB	126	139	
283	Lopuszno	50 56 54 N	20 15 02 E	50 56.900 N	20 15.033 E	280	T	283LOP	187	120	
284	Ostrowy	50 58 37 N	19 02 59 E	50 58.617 N	19 02.983 E	207	T	284OSY	116	137	
285	Pajeczno Mleczarnia	51 08 48 N	18 59 25 E	51 08.800 N	18 59.417 E	219	T	285PAJ	100	131	
286	Panki	50 52 56 N	18 44 51 E	50 52.933 N	18 44.850 E	239	T	286PAN	111	149	
287	Parzymiechy	51 02 23 N	18 44 07 E	51 02.383 N	18 44.117 E	239	T	287PRZ	96	144	
288	Przedbórz	51 05 18 N	19 52 21 E	51 05.300 N	19 52.350 E	192	T	288PRZ	156	119	
289	Rzerzeczyce Boisko	50 53 19 N	19 20 04 E	50 53.317 N	19 20.067 E	239	T	289RZE	137	134	
290	Redziny	50 51 27 N	19 12 35 E	50 51.450 N	19 12.583 E	284	T	290RED	133	138	
291	Rudniki	51 02 20 N	18 35 52 E	51 02.333 N	18 35.867 E	221	T	291RUW	90	148	
292	Sierpc	51 06 56 N	20 21 31 E	51 06.933 N	20 21.517 E	238	T	292SIE	186	113	
293	Stobiecko	51 04 48 N	19 22 18 E	51 04.800 N	19 22.300 E	231	T	293STO	126	126	
294	Strzałkow	51 02 56 N	19 29 27 E	51 02.933 N	19 29.450 E	234	T	294STK	135	126	
295	Swieta Anna	50 49 26 N	19 31 46 E	50 49.433 N	19 31.767 E	232	T	295SWA	152	133	
296	Trzebnica	51 12 32 N	19 43 28 E	51 12.533 N	19 43.467 E	214	T	296TRZ	141	116	
297	Wazne Mlyny	51 02 38 N	19 09 13 E	51 02.633 N	19 09.217 E	199	T	297WAM	117	132	
298	Wolczyn Rynek	51 01 08 N	18 02 57 E	51 01.133 N	18 02.950 E	174	T	298WOL	77	173	
299	Wreczyca Skrzyzo	50 50 34 N	18 55 05 E	50 50.567 N	18 55.083 E	284	T	299WRE	121	145	
300	Zytno	50 55 37 N	19 37 40 E	50 55.617 N	19 37.667 E	230	T	300ZYT	151	128	
301	Czartki	51 39 56 N	18 48 09 E	51 39.933 N	18 48.150 E	165	T	301CZTKI	66	97	
302	Mecka	51 36 55 N	18 49 01 E	51 36.917 N	18 49.017 E	145	T	302MECKA	68	102	
303	Skucin	51 41 49 N	18 52 46 E	51 41.817 N	18 52.767 E	155	T	303SKCIN	71	94	
304	Stoczki	51 31 07 N	18 47 17 E	51 31.117 N	18 47.283 E	156	T	304STZKI	68	111	



<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
305	Dabrow	51 31 55 N	18 43 13 E	51 31.917 N	18 43.217 E	157	T	305DAROW	63	111	
306	Swier	51 28 55 N	18 44 03 E	51 28.917 N	18 44.050 E	163	T	306SWIER	66	115	
307	Wiech	51 34 44 N	18 45 25 E	51 34.733 N	18 45.417 E	128	T	307WIECH	64	106	
308	Klocko	51 34 17 N	18 41 02 E	51 34.283 N	18 41.033 E	147	T	308KLCKO	60	108	
309	Stefan	51 30 46 N	18 39 45 E	51 30.767 N	18 39.750 E	163	T	309STFAN	60	114	
310	Branic	51 31 10 N	18 55 37 E	51 31.167 N	18 55.617 E	154	T	310BRNIC	77	109	
311	Zduns	51 36 52 N	18 57 08 E	51 36.867 N	18 57.133 E	172	T	311ZDUNS	77	101	
312	Uniej	51 39 47 N	19 01 33 E	51 39.783 N	19 01.550 E	207	T	312UNIEJ	81	96	
313	Kamos	51 31 03 N	19 04 10 E	51 31.050 N	19 04.167 E	175	T	313KAMOS	87	107	
314	Orzk	51 32 32 N	19 21 11 E	51 32.533 N	19 21.183 E	204	T	314ORZK	106	103	
315	Teofil	51 27 44 N	19 21 16 E	51 27.733 N	19 21.267 E	216	T	315TEFIL	108	108	
316	Belcht	51 22 41 N	19 22 15 E	51 22.683 N	19 22.250 E	204	T	316BECHT	111	112	
317	Kozia	51 26 18 N	19 05 46 E	51 26.300 N	19 05.767 E	167	T	317KOZIA	91	112	
318	Sieros	51 30 40 N	19 36 49 E	51 30.667 N	19 36.817 E	225	T	318SIROS	124	103	
319	Rokosz	51 24 14 N	19 36 23 E	51 24.233 N	19 36.383 E	217	T	319ROOSZ	126	108	
320	Wikosz	51 15 59 N	19 37 38 E	51 15.983 N	19 37.633 E	203	T	320WIOSZ	132	115	
321	Wolbu	51 29 55 N	19 49 52 E	51 29.917 N	19 49.867 E	175	T	321WOLBU	139	102	
322	Wujci	51 20 25 N	20 02 58 E	51 20.417 N	20 02.967 E	192	T	322WUJCI	158	108	
323	Koscian	52 05 52 N	16 38 50 E	52 05.867 N	16 38.833 E	69	T	323KOCIA	93	303	
324	Grodzisk Wielkopolski	52 14 00 N	16 22 10 E	52 14.000 N	16 22.167 E	80	T	324GRDZI	117	305	
325	Pniew	52 30 33 N	16 15 03 E	52 30.550 N	16 15.050 E	99	T	325PNIEW	141	314	
326	Kwilcz	52 33 22 N	16 05 16 E	52 33.367 N	16 05.267 E	103	T	326KWLCZ	153	313	
327	Krzywy	52 25 09 N	16 05 56 E	52 25.150 N	16 05.933 E	80	T	327KRYWY	144	308	
328	Boruja	52 16 07 N	16 08 14 E	52 16.117 N	16 08.233 E	70	T	328BOUJA	133	303	
329	Ruchoc	52 09 49 N	16 06 25 E	52 09.817 N	16 06.417 E	64	T	329RUHOC	130	298	
330	Wilich	52 07 02 N	16 21 06 E	52 07.033 N	16 21.100 E	71	T	330WIICH	112	299	
331	Opalenica	52 19 07 N	16 25 02 E	52 19.117 N	16 25.033 E	86	T	331OPAL	119	310	
332	Srem	52 05 05 N	17 01 21 E	52 05.083 N	17 01.350 E	79	T	332SREM	71	311	
333	Ksiaz	52 03 47 N	17 14 58 E	52 03.783 N	17 14.967 E	87	T	333KSIAZ	57	319	
334	Mieszk	52 02 03 N	17 27 43 E	52 02.050 N	17 27.717 E	107	T	334MISZK	45	329	
335	Sarcz	52 30 33 N	15 45 19 E	52 30.550 N	15 45.317 E	60	T	335SARCZ	169	307	
336	Osiek	50 31 21 N	21 26 30 E	50 31.350 N	21 26.500 E	182	T	336OSIEK	283	120	
337	Tursko	50 28 09 N	21 23 25 E	50 28.150 N	21 23.417 E	157	T	337TUSKO	283	121	
338	Mowyk	50 18 01 N	20 48 31 E	50 18.017 N	20 48.517 E	175	T	338MOWYK	259	130	
339	Kepie	50 28 30 N	21 01 52 E	50 28.500 N	21 01.867 E	184	T	339KEPIE	261	124	
340	Bronina	50 28 01 N	20 45 25 E	50 28.017 N	20 45.417 E	250	T	340BRINA	245	127	
341	Uniejów	51 58 36 N	18 48 24 E	51 58.600 N	18 48.400 E	111	T	341UNJ	73	69	
342	Zaborów	52 01 57 N	18 52 13 E	52 01.950 N	18 52.217 E	103	T	342ZAB	79	66	
343	Wierzchy	51 48 44 N	18 53 57 E	51 48.733 N	18 53.950 E	139	T	343WIE	74	84	
344	Kol	51 47 06 N	18 50 14 E	51 47.100 N	18 50.233 E	135	T	344KOL	69	86	
345	Marcinów	51 45 17 N	18 51 31 E	51 45.283 N	18 51.517 E	152	T	345MAR	70	89	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
346	Poddebice	51 53 36 N	18 57 27 E	51 53.600 N	18 57.450 E	125	T	346POD	79	78	
347	Nowy Gostków	51 57 45 N	19 00 33 E	51 57.750 N	19 00.550 E	116	T	347NOG	85	73	
348	Kamienna	52 21 33 N	19 08 23 E	52 21.550 N	19 08.383 E	120	T	348KAM	115	54	
349	Aleksandrynów	52 30 21 N	19 22 42 E	52 30.350 N	19 22.700 E	81	T	349ALE	138	53	
350	Sierpc	52 51 44 N	19 38 20 E	52 51.733 N	19 38.333 E	113	T	350SIE	178	47	
351	Skepe	52 53 22 N	19 22 18 E	52 53.367 N	19 22.300 E	119	T	351SKE	168	41	
352	Koziróg Lesny	52 46 59 N	19 24 54 E	52 46.983 N	19 24.900 E	112	T	352KOZ	161	45	
353	Biezun	52 57 27 N	19 52 59 E	52 57.450 N	19 52.983 E	118	T	353BIE	197	48	
354	Zalesie Kolonia	52 08 01 N	18 52 53 E	52 08.017 N	18 52.883 E	107	T	354ZAL	86	59	
355	Kem	52 11 15 N	18 59 08 E	52 11.250 N	18 59.133 E	128	T	355KEM	95	59	
356	Trzepnica	51 59 39 N	18 42 06 E	51 59.650 N	18 42.100 E	105	T	356TRZ	67	65	
357	Cze	51 54 58 N	18 40 07 E	51 54.967 N	18 40.117 E	139	T	357CZE	61	71	
358	Dem	52 08 15 N	18 45 05 E	52 08.250 N	18 45.083 E	98	T	358DEM	79	56	
359	Kowal	52 31 26 N	19 10 20 E	52 31.433 N	19 10.333 E	88	T	359KOW	129	48	
360	Dabkowice	52 18 47 N	19 29 35 E	52 18.783 N	19 29.583 E	112	T	360DAB	132	62	
361	Krwony	52 04 03 N	18 38 48 E	52 04.050 N	18 38.800 E	94	T	361KRW	68	57	
362	Góry	52 01 45 N	18 44 35 E	52 01.750 N	18 44.583 E	99	T	362GOR	72	63	
363	Krezewo	52 05 47 N	18 54 34 E	52 05.783 N	18 54.567 E	98	T	363KRE	85	62	
364	Celinów	52 07 39 N	18 58 29 E	52 07.650 N	18 58.483 E	119	T	364CEL	91	62	
365	Gogolin	50 29 42 N	18 02 46 E	50 29.700 N	18 02.767 E	201	T	365GOL	135	178	
366	Korfantów	50 29 00 N	17 35 38 E	50 29.000 N	17 35.633 E	198	T	366KOR	137	191	
367	Miejska Górka	51 40 00 N	16 57 37 E	51 40.000 N	16 57.617 E	95	T	367MIE	61	271	
368	Choragwice	51 35 15 N	16 29 18 E	51 35.250 N	16 29.300 E	92	T	368CHO	95	267	
369	Kazimierów	52 06 35 N	18 12 41 E	52 06.583 N	18 12.683 E	103	T	369KAZ	52	33	
370	Boszatki	52 07 26 N	18 02 28 E	52 07.433 N	18 02.467 E	91	T	370BOZ	49	20	
371	Orbory Kolonia	52 04 08 N	17 53 18 E	52 04.133 N	17 53.300 E	101	T	371OBK	41	8	
372	Lisewo	52 05 23 N	17 41 40 E	52 05.383 N	17 41.667 E	78	T	372LIS	44	350	
373	Myszakówek	52 08 24 N	17 47 04 E	52 08.400 N	17 47.067 E	80	T	373MYS	49	359	
374	Zerków	52 04 08 N	17 33 59 E	52 04.133 N	17 33.983 E	119	T	374ZER	45	339	
375	Bogusławice	52 01 00 N	18 14 20 E	52 01.000 N	18 14.333 E	117	T	375BOG	44	41	
376	Krosniewici	52 15 12 N	19 10 20 E	52 15.200 N	19 10.333 E	119	T	376KOÅ	110	59	
377	Kolonia Kamicek	51 55 55 N	18 55 42 E	51 55.917 N	18 55.700 E	132	T	377KOK	79	74	
382	Meta W	50 53 00 N	19 11 20 E	50 53.000 N	19 11.333 E	259	T		130	138	
391	Cykarzew	50 57 06 N	19 11 44 E	50 57.100 N	19 11.733 E	237	T		125	135	
392	Mirow	50 49 11 N	19 11 46 E	50 49.183 N	19 11.767 E	238	T		136	140	
401	Bodzentyn	50 56 24 N	20 57 40 E	50 56.400 N	20 57.667 E	278	T		232	114	
402	Borkow	50 48 29 N	20 49 01 E	50 48.483 N	20 49.017 E	262	T		229	118	
403	Rakow	50 40 28 N	21 02 26 E	50 40.467 N	21 02.433 E	112	T		250	120	
428	Truskolas	50 52 04 N	18 52 04 E	50 52.067 N	18 52.067 E	280	T		117	146	
429	Gomunice	51 10 11 N	19 29 45 E	51 10.183 N	19 29.750 E	228	T		129	121	
430	Osiny	51 16 18 N	19 11 33 E	51 16.300 N	19 11.550 E	177	T		105	121	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
431	Wronsko	51 22 13 N	18 50 16 E	51 22.217 N	18 50.267 E	165	T		78	122	
432	Siomki	51 20 10 N	19 35 17 E	51 20.167 N	19 35.283 E	205	T		127	112	
433	Fajum	51 32 38 N	18 19 43 E	51 32.633 N	18 19.717 E	154	T		38	121	
447	Stopnica	50 26 05 N	20 53 59 E	50 26.083 N	20 53.983 E	260	T		256	126	
448	Szewce	50 35 40 N	22 29 46 E	50 35.667 N	22 29.767 E	195	T		347	113	
449	Lipisko	51 09 54 N	21 40 25 E	51 09.900 N	21 40.417 E	152	T		272	105	
450	Bialogory	52 04 06 N	17 56 24 E	52 04.100 N	17 56.400 E	94	T		41	13	
453	Tuliszkwow	52 04 33 N	18 18 20 E	52 04.550 N	18 18.333 E	117	T		52	41	
455	Dobra	51 55 03 N	18 37 28 E	51 55.050 N	18 37.467 E	120	T		59	69	
456	Lubola	51 46 27 N	18 43 24 E	51 46.450 N	18 43.400 E	131	T		61	86	
461	Mostki	50 37 25 N	21 12 11 E	50 37.417 N	21 12.183 E	232	T		263	120	
462	Skorkowic	51 13 35 N	20 03 07 E	51 13.583 N	20 03.117 E	190	T		162	112	
463	Lysow	51 01 25 N	20 16 54 E	51 01.417 N	20 16.900 E	316	T		185	117	
464	Wolanosow	51 15 33 N	20 33 17 E	51 15.550 N	20 33.283 E	264	T		194	108	
465	Wolow	51 07 35 N	20 35 44 E	51 07.583 N	20 35.733 E	299	T		201	111	
466	Lekomin	50 58 10 N	20 44 06 E	50 58.167 N	20 44.100 E	379	T		217	115	
467	Lagow	50 46 38 N	21 05 25 E	50 46.633 N	21 05.417 E	296	T		248	117	
468	Chmielnik	50 36 58 N	20 45 26 E	50 36.967 N	20 45.433 E	239	T		236	123	
469	Oksa	50 43 58 N	20 06 09 E	50 43.967 N	20 06.150 E	248	T		190	127	
470	Zborowski	50 46 13 N	18 40 24 E	50 46.217 N	18 40.400 E	246	T		118	154	
471	Jelonki	50 58 47 N	18 30 04 E	50 58.783 N	18 30.067 E	239	T		92	154	
474	Malarska	50 58 28 N	17 40 00 E	50 58.467 N	17 40.000 E	149	T		82	193	
475	Mirow	51 11 14 N	21 01 29 E	51 11.233 N	21 01.483 E	190	T		228	107	
476	Sarnowek	51 00 49 N	21 26 57 E	51 00.817 N	21 26.950 E	189	T		262	109	
477	Potoczek	51 00 28 N	21 42 44 E	51 00.467 N	21 42.733 E	160	T		279	108	
478	Ostrówiec	50 55 11 N	21 24 17 E	50 55.183 N	21 24.283 E	168	T		262	112	
479	Ozarów	50 53 09 N	21 39 53 E	50 53.150 N	21 39.883 E	180	T		281	111	
480	Szydłow	50 34 57 N	20 58 47 E	50 34.950 N	20 58.783 E	235	T		251	122	
481	Staszow	50 31 56 N	21 12 55 E	50 31.933 N	21 12.917 E	187	T		269	122	
482	Zawidza	50 32 24 N	21 30 43 E	50 32.400 N	21 30.717 E	173	T		287	119	
483	Ilza	51 09 42 N	21 14 39 E	51 09.700 N	21 14.650 E	217	T		243	107	
484	Starachow	51 02 53 N	21 03 18 E	51 02.883 N	21 03.300 E	230	T		234	111	
485	Borcuchy	51 05 58 N	21 19 34 E	51 05.967 N	21 19.567 E	208	T		250	108	
486	Sienno	51 05 03 N	21 28 48 E	51 05.050 N	21 28.800 E	189	T		261	108	
487	Kunow	50 58 33 N	21 16 02 E	50 58.550 N	21 16.033 E	179	T		251	111	
488	Dzietrzni	51 07 04 N	18 36 37 E	51 07.067 N	18 36.617 E	209	T		84	144	
489	Grojec W	51 26 43 N	18 33 35 E	51 26.717 N	18 33.583 E	176	T		57	124	
490	Jaksonek	51 20 05 N	19 59 44 E	51 20.083 N	19 59.733 E	201	T		154	108	
491	Olesno	50 57 18 N	20 02 44 E	50 57.300 N	20 02.733 E	232	T		174	122	
492	Krzymno	51 18 30 N	18 42 07 E	51 18.500 N	18 42.117 E	170	T		74	130	
493	Stobnica	51 14 48 N	19 52 02 E	51 14.800 N	19 52.033 E	184	T		149	113	

<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> <sup>*</sup>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
495	Pińczów	50 30 55 N	20 31 11 E	50 30.917 N	20 31.183 E	185	AT		229	128	
496	Skalbimie	50 19 39 N	20 24 03 E	50 19.650 N	20 24.050 E	197	T		235	133	
498	Radlow	50 08 44 N	20 44 42 E	50 08.733 N	20 44.700 E	184	T		267	133	
499	Janowiec	50 09 05 N	21 11 36 E	50 09.083 N	21 11.600 E	160	T		291	129	
500	Mielec	50 17 05 N	21 23 50 E	50 17.083 N	21 23.833 E	165	AT		294	125	
501	Krzeszow	50 24 04 N	22 19 59 E	50 24.067 N	22 19.983 E	160	T		345	117	
502	Stalowa Wola-Turbia	50 37 39 N	21 59 54 E	50 37.650 N	21 59.900 E	140	AT		313	115	
503	Janowlube	50 43 09 N	22 23 36 E	50 43.150 N	22 23.600 E	220	T		335	111	
504	Krasnik	50 55 35 N	22 13 59 E	50 55.583 N	22 13.983 E	220	T		317	108	
505	Chodel	51 06 29 N	22 07 44 E	51 06.483 N	22 07.733 E	166	T		304	105	
506	Ciepielow	51 15 12 N	21 34 48 E	51 15.200 N	21 34.800 E	135	T		263	103	
507	Zwolen	51 20 03 N	21 35 28 E	51 20.050 N	21 35.467 E	165	T		262	101	
508	Skarczew	51 14 47 N	21 14 09 E	51 14.783 N	21 14.150 E	168	T		240	105	
509	Jedlinsk	51 34 09 N	21 01 18 E	51 34.150 N	21 01.300 E	137	T		220	96	
510	Potworow	51 30 31 N	20 43 18 E	51 30.517 N	20 43.300 E	165	T		200	99	
511	Rusinow	51 26 12 N	20 35 13 E	51 26.200 N	20 35.217 E	170	T		192	102	
512	Nowe Miasto nad Pilica	51 37 39 N	20 32 09 E	51 37.650 N	20 32.150 E	155	T		186	95	
514	Turawa	50 44 09 N	18 04 21 E	50 44.150 N	18 04.350 E	167	T		109	175	
515	Bukowiecn	51 25 39 N	20 01 31 E	51 25.650 N	20 01.517 E	190	T		154	104	
516	Zawady	51 21 06 N	20 49 29 E	51 21.100 N	20 49.483 E	162	T		210	103	
517	Idalin	51 00 03 N	21 58 53 E	51 00.050 N	21 58.883 E	153	T		297	107	
518	Zalecze	51 05 12 N	18 40 59 E	51 05.200 N	18 40.983 E	185	T		90	143	
519	Sycow	51 18 28 N	17 43 13 E	51 18.467 N	17 43.217 E	168	T		45	195	
520	Przedmosc	51 05 41 N	18 25 39 E	51 05.683 N	18 25.650 E	187	T		79	153	
521	Dalachow	51 04 29 N	18 36 04 E	51 04.483 N	18 36.067 E	201	T		87	147	
522	Krzepice	50 58 18 N	18 44 08 E	50 58.300 N	18 44.133 E	223	T		102	146	
523	Oleszno	50 56 21 N	20 02 51 E	50 56.350 N	20 02.850 E	240	T		175	122	
524	Bilcza	50 47 20 N	20 37 09 E	50 47.333 N	20 37.150 E	251	T		218	121	
524	Nowe Brody	51 09 36 N	20 22 05 E	51 09.600 N	20 22.083 E		T		185	112	Kolo Konskich
525	Jastrzebi	51 05 24 N	20 44 22 E	51 05.400 N	20 44.367 E		T		212	111	Kolo Blizyna
526	Suchednio	51 02 51 N	20 49 44 E	51 02.850 N	20 49.733 E		T		219	112	
527	Widelki	50 45 48 N	20 56 16 E	50 45.800 N	20 56.267 E		T		239	119	
528	Madely	51 06 39 N	18 39 50 E	51 06.650 N	18 39.833 E		T		87	143	
529	Grodkow	50 41 27 N	17 23 32 E	50 41.450 N	17 23.533 E	168	T	GRODKOW	117	200	
530	Miecznik	50 44 10 N	17 05 41 E	50 44.167 N	17 05.683 E		T	MIECZNIK	119	210	
531	Moszna	50 26 26 N	17 46 03 E	50 26.433 N	17 46.050 E	168	T	MOSZNA	140	186	
532	Nowy Dwor	50 38 35 N	17 01 58 E	50 38.583 N	17 01.967 E		T	NOWYDWOR	131	210	
533	Oporna	50 41 19 N	17 03 56 E	50 41.317 N	17 03.933 E	278	T	OPORNA	125	210	
535	Lipowa	50 43 58 N	17 25 26 E	50 43.967 N	17 25.433 E		T	535LIPOW	112	199	
536	Niemodlin	50 38 33 N	17 36 58 E	50 38.550 N	17 36.967 E		T	536NIEMO	119	192	
537	Jagielno	50 38 01 N	17 12 14 E	50 38.017 N	17 12.233 E		T	537JAGIE	127	205	

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
538	Przechod	50 32 06 N	17 40 08 E	50 32.100 N	17 40.133 E		T	538PRZEC	130	189	
538	Ziebice	50 36 03 N	17 02 26 E	50 36.050 N	17 02.433 E		T	538ZIEBI	135	209	
539	Grabin	50 35 52 N	17 31 24 E	50 35.867 N	17 31.400 E		T	540GRBIN	125	194	
541	Stolec	50 34 57 N	16 53 01 E	50 34.950 N	16 53.017 E		T	541STOLE	141	213	
542	Szklary	50 36 14 N	17 10 40 E	50 36.233 N	17 10.667 E		T	542SZKLA	131	205	
544	Bardo	50 30 23 N	16 44 24 E	50 30.383 N	16 44.400 E		T	544BARDO	154	215	
545	Kopice	50 38 54 N	17 27 07 E	50 38.900 N	17 27.117 E		T	545KOICE	120	197	
548	Klodawa	52 15 02 N	18 55 18 E	52 15.033 N	18 55.300 E	113	T	548KLAWA	96	54	
549	Psary	52 21 00 N	18 45 05 E	52 21.000 N	18 45.083 E		T	549PSARY	95	44	
550	Przedecz	52 20 03 N	18 53 54 E	52 20.050 N	18 53.900 E		T	PRZEDECZ	101	49	
552	Kruszyn	52 35 04 N	19 01 02 E	52 35.067 N	19 01.033 E	66	LT	552KRZYN	127	43	
554	Sandomierz	50 41 04 N	21 44 59 E	50 41.067 N	21 44.983 E	170	T	554SAERZ	295	115	
556	Opatow	50 48 19 N	21 26 02 E	50 48.317 N	21 26.033 E	227	T	556OPTOW	269	114	
557	Nisko	50 31 11 N	22 08 25 E	50 31.183 N	22 08.417 E		T	557NISKO	327	116	
558	Rozwadow	50 35 52 N	22 02 46 E	50 35.867 N	22 02.767 E	149	T	558RODOW	318	115	
559	Trzykosy	50 36 33 N	21 31 54 E	50 36.550 N	21 31.900 E		T	559TROSY	284	118	
560	Koprzywnica	50 35 36 N	21 35 05 E	50 35.600 N	21 35.083 E		T	560KOPRZ	288	118	
561	Krzaki	50 33 23 N	22 13 00 E	50 33.383 N	22 13.000 E		T	561KRAKI	330	115	
562	Sól	50 30 45 N	22 39 14 E	50 30.750 N	22 39.233 E		T	562SOL	361	114	
563	Bilgoraj	50 32 08 N	22 44 12 E	50 32.133 N	22 44.200 E	194	T	563BIRAJ	365	113	
565	Gliny	50 26 53 N	22 44 08 E	50 26.883 N	22 44.133 E		T	565GLINY	369	114	
566	Jozefow	50 28 38 N	23 03 53 E	50 28.633 N	23 03.883 E	257	T	566JOZEF	389	112	
567	Koniec	50 28 15 N	22 44 17 E	50 28.250 N	22 44.283 E		T	567KONIE	368	114	
568	Rudnik	50 27 07 N	22 14 54 E	50 27.117 N	22 14.900 E	158	T	568RUNIK	337	116	
569	Ochla	51 52 51 N	15 28 17 E	51 52.850 N	15 28.283 E		T	569OCHLA	165	282	
570	Studzieniec	51 47 54 N	15 34 17 E	51 47.900 N	15 34.283 E		T	570STIEC	157	279	
571	Stanow	51 43 17 N	15 20 05 E	51 43.283 N	15 20.083 E		T	571STNOW	173	276	
572	Slone	51 55 25 N	15 23 56 E	51 55.417 N	15 23.933 E		T	572SLONE	170	283	
573	Brody	51 47 12 N	14 46 16 E	51 47.200 N	14 46.267 E		T	573BRODY	212	278	
997	Piotrków Trybunalski-Bujny	51 22 45 N	19 41 05 E	51 22.750 N	19 41.083 E	199	AT	997PIOWL	132	109	
998	Czestochowa-Rudniki	50 53 06 N	19 12 17 E	50 53.100 N	19 12.283 E	259	AT	998CZDNI	131	137	
999	Kielce Maslow	50 54 05 N	20 43 33 E	50 54.083 N	20 43.550 E	302	AT	999KIMAS	219	117	

**Codes\***

A: Airport  
 D: Glider Airfield  
 F: Finish Point  
 H: Home airport  
 L: Landing point  
 S: Start Point  
 T: Turnpoint