

## Map marking information for Lisie Katy, Poland

Courtesy of Jakub Jankowiak

Latitude range: 51 37.0 to 54 27.6  
Longitude range: 15 8.3 to 21 50.9

File created Saturday, 01 August 2020 at 18:57 GMT

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User assumes all risk of use.

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
508	Zagan	51	37.0	N	15	18.9	E	508ZAGAN	319	230	
520	Zary	51	38.1	N	15	8.3	E	520ZARY	327	232	
213	Lack	52	27.9	N	19	36.7	E	213LACK	128	156	
76	Dobrzykow 2	52	28.3	N	19	44.8	E	076DOBRZY	132	152	
189	Kowal	52	31.9	N	19	8.7	E	189KOWAL	112	170	
250	Lubraniec	52	32.5	N	18	50.1	E	250LUBRA	109	180	
266	Maszewo	52	34.7	N	19	37.7	E	266MASZE	117	153	
86	Duninow	52	34.9	N	19	28.7	E	086DUNIN	113	158	
105	EPWK	52	35.1	N	19	0.7	E	105EPWK	105	174	
152	Jazy	52	35.4	N	19	19.0	E	152JAZY	109	163	
32	Brzesc Kujawski	52	36.3	N	18	53.9	E	032BRZES	102	178	
74	Dobrzyn nad Wisla	52	38.3	N	19	19.3	E	074DOBRZ	104	162	
492	Wlocla	52	39.1	N	19	3.9	E	492WLOCLA	98	171	
390	Sierakow	52	39.2	N	16	4.8	E	390SIERA	209	243	
498	Wronki	52	42.7	N	16	22.8	E	498WRONK	188	242	
352	Rachci	52	44.1	N	19	2.2	E	352RACHCI	89	172	
359	Rogozno	52	45.0	N	17	0.1	E	359ROGOZ	150	236	
149	Jasien	52	45.0	N	19	23.7	E	149JASIEN	94	157	
246	Lubanie	52	45.1	N	18	55.2	E	246LUBAN	86	177	
121	Gogolice	52	45.6	N	16	7.7	E	121GOGOL	200	246	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
316	Ostrowite	52	47.0	N	19	9.9	E	316OSTRO	85	166	
19	Bobrowniki	52	47.1	N	18	57.9	E	019BOBRO	83	175	
268	Mezyk	52	49.2	N	16	15.2	E	268MEZYK	190	247	
468	Wagrowiec	52	49.2	N	17	12.2	E	468WAGRO	135	235	
231	Ligow	52	49.5	N	19	19.0	E	231LIGOW	84	158	
396	Skepe	52	49.8	N	19	23.2	E	396SKEPE	85	155	
82	Drezdenko	52	50.4	N	15	49.8	E	082DREZDE	215	250	
236	Lipno	52	50.7	N	19	10.7	E	236LIPNO	79	164	
31	Brzezno	52	51.0	N	19	3.0	E	031BRZEO	76	170	
392	Sierpc	52	51.2	N	19	40.0	E	392SIERP	92	144	
409	Sluzewo	52	51.4	N	18	38.6	E	409SLUZE	76	191	
258	Makow Mazowiecki	52	51.8	N	21	6.2	E	258MAKOW	167	115	
141	Huta	52	52.0	N	16	40.8	E	141HUTA	162	244	
56	Ciechanow	52	53.0	N	20	35.5	E	056CIECHW	136	121	
363	Rozan	52	53.1	N	21	24.4	E	363ROZAN	185	112	
339	Pokrzy	52	53.4	N	18	52.9	E	339POKRZY	71	178	
37	Budzyn	52	53.8	N	16	59.3	E	037BUDZY	142	241	
60	Czarnkow	52	54.5	N	16	33.2	E	060CZARN	168	247	
122	Gojsk	52	54.5	N	19	31.5	E	122GOJSK	82	146	
384	Sarnow	52	56.2	N	19	21.3	E	384SARNOW	74	153	
93	Dzikow	52	56.5	N	18	47.3	E	093DZIKOW	65	184	
371	Rumun	52	56.6	N	19	26.4	E	371RUMUN	76	148	
62	Czernikowo	52	56.6	N	18	56.3	E	062CZERN	65	175	
123	Golancz	52	56.6	N	17	18.2	E	123GOLAN	122	238	
166	Karlew	52	57.0	N	19	35.4	E	166KARLEW	81	142	
393	Sikorz	52	57.2	N	19	11.2	E	393SIKORZ	67	160	
262	Margonin	52	58.2	N	17	5.0	E	262MARGO	133	243	
203	Kruszewo	52	58.2	N	16	40.0	E	203KRUSZO	158	248	
332	Pinino	52	59.0	N	19	17.8	E	332PININO	67	153	
57	Cierpi	52	59.1	N	18	29.4	E	057CIERPI	65	202	
92	Dzierzazno Wielkie	52	59.2	N	16	12.3	E	092DZIER	186	252	
48	Chodziej	52	59.4	N	16	54.6	E	048CHODZ	142	246	
219	Lawki	52	59.5	N	19	16.6	E	219LAWKI	66	154	
366	Ruda	53	0.1	N	19	19.8	E	366RUDA	66	151	
299	Obory	53	0.2	N	19	12.8	E	299OBORY	63	157	
101	EPPZ	53	0.7	N	20	56.0	E	101EPPZ	150	112	
401	Skrwilno	53	0.8	N	19	37.4	E	401SKRWI	77	138	
344	Przasnysz	53	1.2	N	20	52.5	E	344PRZAS	146	112	
158	Julian	53	1.5	N	19	14.3	E	158JULIAN	61	155	
452	Torun	53	1.7	N	18	37.1	E	452TORUN	57	196	
434	Szamocin	53	1.8	N	17	7.4	E	434SZAMO	127	245	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
248	Lubicz	53	1.8	N	18	45.8	E	248LUBIC	55	186	
104	EPTO	53	1.8	N	18	32.3	E	104EPTO	59	201	
116	Glebo	53	2.0	N	19	45.1	E	116GLEBO	81	132	
145	Jaktorwo	53	2.1	N	17	14.1	E	145JAKTO	120	244	
495	Wolka	53	2.1	N	19	31.6	E	495WOLKA	71	140	
457	Trzcianka	53	2.5	N	16	27.6	E	457TRZCIA	168	252	
84	Drzono	53	2.6	N	16	10.6	E	084DRZONO	186	254	
125	Gorsk	53	3.3	N	18	26.2	E	125GORSK	59	208	
464	Ujscie	53	3.4	N	16	43.6	E	464UJSCI	150	251	
55	Ciecho	53	3.4	N	18	55.5	E	055CIECHO	52	174	
377	Rypin	53	4.0	N	19	24.6	E	377RYPIN	63	144	
530	Zuromin	53	4.1	N	19	54.8	E	530ZUROM	87	125	
317	Ostroleka	53	4.1	N	21	33.0	E	317OSTROA	187	105	
278	Mlynie	53	4.2	N	18	48.8	E	278MLYNIE	51	183	
90	Dziembowo	53	4.3	N	16	49.9	E	090DZIEM	143	250	
72	Dobre	53	4.3	N	19	14.6	E	072DOBRE	57	152	
144	Jaglic	53	4.4	N	16	12.4	E	144JAGLIC	183	255	
499	Wrzaca	53	4.8	N	16	36.0	E	499WRZACA	157	253	
64	Czerw	53	5.0	N	19	38.0	E	064CZERW	72	133	
432	Syberia	53	5.3	N	19	43.1	E	432SYBER	75	130	
333	Piwnice	53	5.3	N	18	34.0	E	333PIWNI	52	201	
225	Lesno 2	53	5.5	N	18	56.5	E	225LESNO	49	173	
269	Miasteczko Krajenskie	53	5.5	N	17	1.4	E	269MIAST	130	249	
277	Mlawa	53	5.7	N	20	22.3	E	277MLAWA	112	115	
220	Lazy	53	5.7	N	19	51.4	E	220LAZY	82	125	
496	Wolowe Lasy	53	6.0	N	16	16.8	E	496WOLOW	177	256	
238	Lipowiec Koscielny	53	6.2	N	20	9.9	E	238LIPOWK	99	118	
159	Kaczory	53	6.2	N	16	52.9	E	159KACZO	139	251	
446	Tarnowo	53	6.6	N	21	50.9	E	446TARNO	205	102	
292	Niekursko	53	6.8	N	16	23.5	E	292NIEKU	170	255	
124	Golub Dobrzyn	53	6.9	N	19	3.0	E	124GOLUB	47	164	
485	Wielka Laka	53	7.0	N	18	50.0	E	485WIELR	45	181	
314	Osiek nad Notecia	53	7.3	N	17	17.0	E	314OSIEKN	113	247	
424	Sumin	53	7.5	N	19	25.9	E	424SUMIN	59	139	
228	Lewicz	53	7.9	N	20	16.4	E	228LEWICZ	104	114	
385	Sarnow	53	8.0	N	20	3.3	E	385SARNOW	91	118	
182	Konopa	53	8.0	N	19	47.0	E	182KONOPA	76	125	
410	Smilow	53	8.2	N	16	55.3	E	410SMILOW	135	252	
150	Jastrzabka	53	8.2	N	21	13.8	E	150JASTR	164	104	
100	EPPS	53	8.7	N	16	52.9	E	100EPPS	137	253	
77	Dolaszewo	53	8.8	N	16	39.1	E	077DOLAS	152	255	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
10	Besnic	53	8.9	N	19	41.7	E	010BESNIC	70	126	
420	Staszew	53	9.3	N	19	54.8	E	420STASZEW	82	120	
190	Kowalewo Pomorskie	53	9.3	N	18	53.9	E	190KOWALP	41	175	
382	Sadki	53	9.4	N	17	27.0	E	382SADKI	101	247	
532	Chelmz	53	9.5	N	18	38.5	E	532CHELMZ	43	199	Linia Elektryczna W Poprzek Pasa 27
131	Grodno 1	53	9.8	N	18	42.0	E	131GRODNO	41	194	
361	Rokitnica	53	9.8	N	19	31.6	E	361ROKITNI	60	132	
315	Osiek Brodnicki	53	10.1	N	19	23.2	E	315OSIEKS	53	138	
99	EPPI	53	10.2	N	16	42.7	E	099EPPI	147	255	
46	Chelmza	53	10.4	N	18	36.9	E	046CHELM	42	202	
528	Zielun	53	10.6	N	19	51.1	E	528ZIELUN	77	120	
209	Kupno	53	10.6	N	19	15.0	E	209KUPNO	47	145	
501	Wybcz	53	10.8	N	18	27.4	E	501WYBCZ	46	214	
286	Narzym	53	11.0	N	20	15.4	E	286NARZYM	101	112	
423	Suchary	53	11.3	N	17	38.8	E	423SUCHY	88	245	
451	Tokary	53	11.4	N	19	7.2	E	451TOKARY	41	154	
526	Zelgniewo	53	11.4	N	16	57.3	E	526ZELGN	131	254	
345	Przer	53	11.6	N	19	52.1	E	345PRZER	77	118	
127	Gorzno	53	11.8	N	19	38.5	E	127GORZNO	64	124	
389	Sicienko	53	12.5	N	17	48.0	E	389SICIE	78	244	
96	Dzwier	53	12.5	N	18	44.0	E	096DZWIER	36	192	
12	Bialut	53	12.6	N	20	23.5	E	012BIALUT	108	108	
497	Wrocki	53	12.8	N	19	10.5	E	497WROCK	41	148	
419	Stare	53	13.0	N	16	59.9	E	419STARE	127	255	
319	Ostrowy	53	13.1	N	19	44.9	E	319OSTROW	69	119	
75	Dobrzykow 1	53	13.2	N	16	47.1	E	075DOBRZY	141	257	
180	Kominy	53	13.3	N	19	21.0	E	180KOMINY	47	135	
399	Skorka	53	13.4	N	16	52.0	E	399SKORKA	136	256	
89	Dzialdowo	53	13.4	N	20	10.7	E	089DZIAL	94	110	
287	Ndwor	53	13.5	N	19	54.1	E	287NDWOR	77	115	
376	Rynsk	53	13.8	N	18	49.3	E	376RYNSK	33	183	
51	Chorap	53	14.0	N	20	18.1	E	051CHORAP	102	108	
130	Grodki	53	14.0	N	20	2.4	E	130GRODKI	85	112	
160	Kadzidlo	53	14.1	N	21	27.5	E	160KADZI	176	100	
500	Wtelno	53	14.3	N	17	53.9	E	500WTELN	71	244	
243	Lobrzyca	53	14.3	N	17	14.3	E	243LOBRZ	112	254	
282	Mrocza	53	14.5	N	17	36.3	E	282MROCZ	88	250	
489	Witoslaw	53	14.6	N	17	29.1	E	489WITOS	96	251	
198	Krepsk	53	15.0	N	16	45.1	E	198KREPSK	142	258	
291	Niedzwiedz	53	15.0	N	19	1.7	E	291NIEDZ	33	159	
140	Gutowo	53	15.1	N	19	40.7	E	140GUTOWO	63	119	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
406	Slupowo	53	15.3	N	17	43.0	E	406SLUPO	81	249	
29	Bruki	53	15.3	N	18	21.9	E	029BRUKI	44	227	
27	Brodnica	53	15.4	N	19	24.3	E	027BRODN	47	129	
52	Chorzele	53	15.4	N	20	53.8	E	052CHORZ	139	102	
79	Dolnik	53	15.5	N	16	55.7	E	079DOLNIK	131	258	
531	Zyglad	53	15.6	N	18	31.1	E	531ZYGLA	37	217	
309	Orlow	53	15.6	N	18	45.8	E	309ORLOW	30	191	
417	Stara Wies	53	15.7	N	20	42.0	E	417STARA	126	103	
230	Lidzbark Welski	53	15.9	N	19	49.2	E	230LIDZB	71	114	
191	Koziar	53	15.9	N	19	30.9	E	191KOZIAR	53	123	
383	Samociazek	53	16.4	N	17	58.4	E	383SAMOC	64	245	
336	Plosnica	53	16.5	N	20	1.7	E	336PLOS	83	109	
490	Wlewsk	53	16.5	N	19	45.6	E	490WLEWSK	66	114	
524	Zbylut	53	16.9	N	20	27.0	E	524ZBYLUT	110	104	
467	Wabrzezno	53	16.9	N	18	56.6	E	467WABRZ	28	167	
187	Kotomierz	53	17.2	N	18	7.4	E	187KOTOM	55	241	
240	Lisewo	53	17.3	N	18	42.5	E	240LISEWO	28	200	
188	Koty	53	17.4	N	19	54.0	E	188KOTY	74	110	
512	Zalesi	53	17.4	N	19	43.5	E	512ZALESI	64	114	
453	Trepki	53	17.4	N	19	35.4	E	453TREPKI	56	118	
41	Byszewo	53	17.8	N	17	49.0	E	041BYSZE	73	250	
196	Krajenka	53	17.8	N	16	59.3	E	196KRAJE	126	259	
210	Kuzie	53	17.9	N	21	40.4	E	210KUZIE	189	97	
533	EPWT	53	17.9	N	18	24.9	E	533EPWT	38	229	
194	Kozlowo 2	53	18.0	N	20	16.5	E	194KOZLOW	98	104	
95	Dzwierzuly Wielkie	53	18.1	N	17	21.6	E	095DZWIEM	102	256	
337	Plytni	53	18.4	N	16	47.6	E	337PLYTNI	138	261	
474	Wasosz	53	18.5	N	17	3.9	E	474WASOSZ	121	259	
523	Zbrachlin	53	18.6	N	18	15.8	E	523ZBRAC	46	239	
44	Cepno	53	18.6	N	18	32.3	E	044CEPNO	32	221	
184	Korono	53	18.8	N	17	56.3	E	184KORONO	65	249	
35	Brzozowo	53	18.8	N	18	25.5	E	035BRZOZ	37	230	
3	Bachot	53	18.9	N	19	27.3	E	003BACHOT	47	120	
475	Wawelno	53	19.2	N	17	40.5	E	475WAWEL	81	254	
186	Kotnowo	53	19.4	N	18	45.0	E	186KOTNOW	23	196	
367	Rudna	53	19.4	N	17	14.7	E	367RUDNA	109	259	
340	Polko	53	19.5	N	18	52.0	E	340POLKO	22	177	
28	Brzozie	53	19.5	N	19	36.3	E	028BROZIE	55	114	
206	Ksiazki	53	19.8	N	19	4.2	E	206KSIAZ	26	146	
462	Turza Wielka	53	19.9	N	20	1.9	E	462TURZA	81	105	
137	Grzmie	53	20.4	N	19	25.6	E	137GRZMIE	43	118	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
447	Tarnow	53	20.6	N	16	50.8	E	447TARNOW	134	262	
128	Grabac	53	20.6	N	19	56.9	E	128GRABAC	76	105	
47	Chelmno Ratusz	53	20.6	N	18	25.8	E	047CHELMN	34	234	
169	Kielpin	53	20.8	N	19	49.4	E	169KIELPIN	68	107	
38	Buszko	53	20.8	N	17	51.7	E	038BUSZKO	68	254	
521	Zawady	53	20.8	N	20	37.5	E	521ZAWADY	119	99	
481	Wiecbork	53	21.0	N	17	29.5	E	481WIECB	92	258	
298	Nowy Jasinec	53	21.0	N	18	2.1	E	298NOWYJ	57	251	
283	Mroczo	53	21.2	N	19	42.3	E	283MROCZNO	60	108	
466	Wabcz	53	21.2	N	18	33.9	E	466WABCZ	27	225	
358	Robak	53	21.3	N	18	40.0	E	358ROBAK	22	213	
133	Grodzi	53	21.4	N	19	18.2	E	133GRODZI	35	122	
289	Nidzica	53	21.4	N	20	26.0	E	289NIDZI	107	99	
172	Klamry	53	21.7	N	18	30.9	E	172KLAMRY	29	231	
433	Sypniewo	53	22.0	N	17	20.0	E	433SYPNI	102	261	
450	Tobnow	53	22.0	N	17	24.0	E	450TOBNOW	98	260	
529	Zlotow	53	22.1	N	17	1.8	E	529ZLOTO	122	262	
327	Parlin	53	22.3	N	18	16.4	E	327PARLI	42	246	
163	Kaluga	53	22.4	N	19	29.6	E	163KALUGA	46	111	
244	Lorki	53	22.5	N	19	46.6	E	244LORKI	64	105	
348	Ptusza	53	22.6	N	16	47.6	E	348PTUSZ	137	264	
237	Lipowo Nidzicki	53	22.7	N	20	16.3	E	237LIPOW	96	99	
54	Ciche	53	22.8	N	19	22.5	E	054CICHE	38	115	
285	Myszyniec	53	22.9	N	21	20.9	E	285MYSZY	166	94	
208	Kujan	53	22.9	N	17	11.8	E	208KUJAN	111	262	
1	Adamow	53	23.1	N	17	18.1	E	001ADAMOW	104	262	
469	Waldo Szlacheckie	53	23.1	N	18	43.5	E	469WALDO	18	208	
482	Wielbalk	53	23.1	N	20	56.8	E	482WIELB	140	96	
491	Wklun	53	23.2	N	18	37.1	E	491WLKLUN	22	225	
143	Jablonowo	53	23.2	N	19	8.1	E	143JABLO	24	129	
374	Rybno	53	23.2	N	19	56.2	E	374RYBNO	74	102	
413	Sosno	53	23.3	N	17	41.2	E	413SOSNO	78	259	
515	Zalew	53	23.5	N	17	56.9	E	515ZALEW	61	256	
126	Gorzna	53	23.6	N	16	55.2	E	126GORZNA	129	264	
234	Lipin	53	23.6	N	18	9.3	E	234LIPIN	48	253	
68	Dalkow	53	23.6	N	17	28.6	E	068DALKOW	92	261	
428	Swiecie	53	24.2	N	18	27.1	E	428SWIECIE	30	243	
463	Tylicz	53	24.3	N	19	41.7	E	463TYLICZ	58	103	
118	Glowin	53	24.3	N	19	19.0	E	118GLOWIN	34	113	
259	Makowarsko	53	24.4	N	17	48.6	E	259MAKOWR	70	260	
193	Kozlowo 1	53	24.5	N	18	22.9	E	193KOZLOW	34	247	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
426	Swidwi	53	24.9	N	17	33.1	E	426SWIDWI	87	262	
296	Nowe Miasto Lubawskie	53	24.9	N	19	36.1	E	296NOWEM	51	103	
429	Swiekatowo	53	25.1	N	18	5.5	E	429SWIEKA	52	257	
151	Jastro	53	25.2	N	16	48.9	E	151JASTRO	135	266	
480	Wiag	53	25.2	N	18	31.8	E	480WIAG	24	241	
226	Leszcz	53	25.3	N	20	4.5	E	226LESZC	82	98	
232	Linowo	53	25.5	N	19	2.6	E	232LINOW	17	131	
422	Sucha	53	25.7	N	18	1.5	E	422SUCHA	56	259	
33	Brzeznica	53	25.9	N	16	41.6	E	033BRZEZ	143	267	
165	Kamien	53	25.9	N	16	56.3	E	165KAMIEN	127	266	
368	Rudnicki	53	26.0	N	18	45.0	E	368RUDNI	12	213	
302	Okonin	53	26.1	N	18	53.8	E	302OKONIN	10	163	
264	Marusza	53	26.2	N	18	49.7	E	264MARUS	9.9	188	
290	Niecho	53	26.3	N	17	36.2	E	290NIECHO	83	264	
440	Szewno	53	26.4	N	18	9.3	E	440SZEWNO	47	259	
107	Frakno	53	26.4	N	20	20.1	E	107FRAKNO	99	95	
476	Wawrice	53	26.6	N	19	27.9	E	476WAWR	42	102	
24	Bramka	53	26.6	N	18	16.6	E	024BRAMKA	39	257	
157	Juchacz	53	26.6	N	17	22.4	E	157JUCHA	98	265	
427	Swiecie nad Osa	53	26.6	N	19	6.1	E	427SWIEC	19	118	
323	Palow	53	26.8	N	19	13.6	E	323PALOW	26	109	
176	Klonow 1	53	27.1	N	17	58.2	E	176KLONOW	59	262	
136	Gruta	53	27.1	N	18	57.4	E	136GRUTA	11	139	
387	Sepulno Krajenskie	53	27.2	N	17	32.0	E	387SEPUL	87	265	
59	Czapple	53	27.4	N	18	30.0	E	059CZAPLE	24	252	
109	Gaj	53	27.5	N	19	23.2	E	109GAJ	36	102	
288	Nicwald	53	27.6	N	18	52.9	E	288NICWA	7.5	164	
342	Potuli	53	27.9	N	17	10.3	E	342POTULI	111	267	
454	Trutno	53	27.9	N	18	5.7	E	454TRUTNO	50	263	
430	Swiete	53	27.9	N	18	35.3	E	430SWIET	18	249	
18	Blechowko	53	28.1	N	18	20.3	E	018BLECH	34	260	
267	Medrzy	53	28.2	N	19	6.5	E	267MEDRZY	18	110	
341	Polko	53	28.3	N	20	31.4	E	341POLKO	111	92	
338	Podgaje	53	28.4	N	16	52.2	E	338PODGA	131	268	
255	Lutow	53	28.4	N	17	26.5	E	255LUTOW	93	267	
518	Zamrzenica	53	28.7	N	17	53.4	E	518ZAMRZ	64	266	
364	Rozogi	53	28.8	N	21	22.1	E	364ROZOG	167	91	
308	Orle	53	28.9	N	18	59.6	E	308ORLE	11	117	
134	Grudz	53	28.9	N	18	46.0	E	134GRUDZ	7.3	229	
103	EPSY	53	28.9	N	20	56.3	E	103EPSY	138	91	
135	Grunwald	53	29.1	N	20	7.6	E	135GRUNW	85	92	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
17	Bladzim	53	29.2	N	18	6.9	E	017BLADZ	49	265	
449	Taszew	53	29.2	N	18	31.5	E	449TASZEW	22	259	
200	Krotoszyny	53	29.7	N	19	23.4	E	200KROTO	36	95	
448	Tarpno	53	29.8	N	18	49.8	E	448TARPNO	3.4	202	
265	Marwald	53	29.8	N	19	58.6	E	265MARW	75	92	
460	Turosl	53	29.9	N	21	36.1	E	460TUROS	182	90	
218	Laskowice	53	30.0	N	18	28.2	E	218LASKO	25	264	
129	Grodek	53	30.1	N	18	21.5	E	129GRODEK	33	266	
351	Pustki	53	30.1	N	19	36.5	E	351PUSTKI	50	93	
81	Dragac	53	30.1	N	18	43.8	E	081DRAGAC	8.2	252	
535	Klodka	53	30.1	N	18	52.0	E	535KLODKA	2.8	155	
132	Grodno 2	53	30.2	N	16	59.8	E	132GRODNO	123	270	
247	Lubawa	53	30.3	N	19	45.1	E	247LUBAW	60	92	
40	Byslaw	53	30.4	N	17	59.9	E	040BYSLAW	56	268	
263	Maroz	53	30.4	N	20	23.4	E	263MAROZ	102	91	
197	Kraple	53	30.8	N	18	25.5	E	197KRAPLE	28	267	
324	Pamietowo	53	30.8	N	17	40.2	E	324PAMIET	78	269	
536	Nowa Wies	53	30.8	N	18	46.9	E	536NOWAWS	4.7	254	
85	Drzycim	53	30.8	N	18	18.9	E	085DRZYC	35	268	
216	Lasin	53	30.9	N	19	5.5	E	216LASIN	16	94	
360	Rogozno-Zamek	53	31.2	N	18	57.3	E	360ROGUZ	7.0	95	
153	Jedwabno	53	31.3	N	20	44.6	E	153JEDWA	125	91	
69	Debrzno	53	31.4	N	17	15.5	E	069DEBRZ	105	269	
534	Lisie	53	31.5	N	18	51.0	E	534LISIE			
146	Jamiel	53	31.6	N	19	30.4	E	146JAMIEL	43	89	
254	Lutek	53	31.7	N	20	17.9	E	254LUTEK	96	89	
488	Witkow	53	31.7	N	17	25.6	E	488WITKOW	94	271	
242	Lniano	53	31.7	N	18	13.2	E	242LNIANO	42	271	
322	Pacolc	53	31.9	N	20	9.2	E	322PACOLT	86	89	
334	Plazowo	53	32.0	N	17	56.6	E	334PLAZOWO	60	271	
301	Okonek	53	32.0	N	16	51.1	E	301OKONEK	132	271	
221	Ledyczek	53	32.2	N	16	57.4	E	221LEDYC	125	271	
20	Borce	53	32.3	N	18	28.1	E	020BORCE	25	274	
164	Kamien Krajenski	53	32.3	N	17	31.7	E	164KAMIE	87	272	
202	Krusze	53	32.4	N	18	41.5	E	202KRUSZE	11	279	
67	Dab	53	32.4	N	20	32.7	E	067DAB	112	88	
537	Stawy	53	32.5	N	18	48.0	E	537STAWY	3.7	298	
486	Wierzchucin	53	32.6	N	18	6.8	E	486WIERZ	49	273	
321	Ostrza	53	32.6	N	17	1.1	E	321OSTRZA	121	272	
391	Sieroslaw	53	32.9	N	18	17.1	E	391SIEROS	37	274	
87	Dusocin Skurgwy	53	32.9	N	18	53.1	E	087DUSOCINS	3.5	43	



	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
370	Rulewo	53	33.1	N	18	36.5	E	370RULEW	16	281	
443	Szwade	53	33.1	N	20	25.2	E	443SZWADE	104	88	
510	Zakurzewo	53	33.2	N	18	46.6	E	510ZAKUR	5.8	304	
438	Szebruk	53	34.0	N	19	1.2	E	438SZEMB	12	68	
471	Walkowiska	53	34.0	N	18	21.5	E	471WALKO	33	278	
436	Szczytno	53	34.1	N	20	59.5	E	436SZCZY	142	87	
9	Bednarki	53	34.2	N	19	58.9	E	009BEDNA	75	86	
386	Sawica	53	34.4	N	20	53.2	E	386SAWICA	135	87	
43	Cekcyn	53	34.4	N	18	0.6	E	043CEKCYN	56	276	
328	Pasle	53	34.7	N	18	29.1	E	328PASLE	25	284	
445	Szynwald	53	35.0	N	19	6.1	E	445SZYNW	18	69	
305	Olsztk	53	35.0	N	20	16.9	E	305OLSZTK	95	86	
404	Slupia	53	35.0	N	17	16.8	E	404SLUPIA	104	274	
375	Rychnowo	53	35.0	N	20	5.3	E	375RYCHNO	82	85	
280	Mozgowo	53	35.1	N	19	23.2	E	280MOZG	36	79	
239	Lipowo Ostrodzki	53	35.1	N	19	50.1	E	239LIPOWO	65	84	
138	Grzybek	53	35.2	N	18	18.4	E	138GRZYB	36	281	
472	Warlubie	53	35.3	N	18	38.1	E	472WARLU	16	296	
459	Tuchola	53	35.3	N	17	52.3	E	459TUCHOL	65	277	
373	Rybaki	53	35.3	N	20	28.1	E	373RYBAKI	107	86	
415	Spychowo	53	35.3	N	21	21.1	E	415SPYCH	165	87	
484	Wielka	53	35.5	N	18	47.6	E	484WIELK	8.2	333	
272	Miedzn 2	53	35.8	N	18	23.8	E	272MIEDZN	31	285	
525	Zdroje	53	35.8	N	18	10.2	E	525ZDROJE	46	280	
142	Ilawa	53	35.9	N	19	33.3	E	142ILAWA	47	80	
400	Skowar	53	35.9	N	17	4.7	E	400SKOWAR	117	275	
311	Osie	53	36.0	N	18	20.8	E	311OSIE	34	284	
205	Krzywogoniec	53	36.0	N	18	2.4	E	205KRZYW	54	279	
402	Slawecin	53	36.1	N	17	37.0	E	402SLAW	82	276	
455	Tryl	53	36.1	N	18	44.6	E	455TRYL	11	321	
39	Butryn	53	36.3	N	20	35.0	E	039BUTRYN	115	85	
171	Kisielice	53	36.4	N	19	16.0	E	171KISIEL	29	71	
97	EPGR	53	36.5	N	20	21.0	E	097EPGR	100	84	
36	Budziska	53	36.5	N	18	4.7	E	036BUDZISKA	52	281	
112	Gardeja	53	36.6	N	18	56.8	E	112GARDE	12	34	
514	Zalesie Cekcyn	53	36.9	N	18	0.7	E	514ZALESIE	56	281	
53	Chrzras	53	37.2	N	17	15.3	E	053CHRZAS	106	276	
215	Lajs	53	37.3	N	20	38.9	E	215LAJS	119	84	
505	Wygoda 4	53	37.5	N	18	14.9	E	505WYGODA	41	286	
110	Gajewo	53	37.5	N	18	38.5	E	110GAJEW	18	309	
487	Wigwal	53	37.5	N	20	9.3	E	487WIGWAL	87	82	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
70	Derego	53	38.0	N	17	30.0	E	070DEREGO	90	278	
284	Mycyny	53	38.2	N	20	15.8	E	284MYCYN	94	82	
517	Zamczy	53	38.6	N	18	30.6	E	517ZAMCZY	26	301	
235	Lipink	53	38.7	N	18	28.7	E	235LIPINK	28	299	
297	Nowe	53	38.7	N	18	43.7	E	297NOWEN	16	329	
444	Szymbark	53	38.7	N	19	29.0	E	444SZYMB	44	72	
395	Silno	53	38.8	N	17	42.6	E	395SILNO	76	281	
15	Bincze	53	39.0	N	17	8.7	E	015BINCZ	113	278	
58	Cygany	53	39.0	N	19	0.2	E	058CYGANY	17	36	
365	Ruciane Nida	53	39.0	N	21	34.0	E	365RUCIA	180	84	
117	Glodowo	53	39.0	N	18	34.4	E	117GLODO	23	308	
418	Stara Rzeka	53	39.1	N	18	16.0	E	418STARAR	41	290	
147	Jaromierz	53	39.2	N	19	8.1	E	147JAROM	24	53	
362	Rozajny	53	39.6	N	19	2.1	E	362ROZAJ	19	39	
522	Zazdro	53	39.7	N	18	13.2	E	522ZAZDRO	44	290	
65	Czluchow	53	39.7	N	17	22.0	E	065CZLOC	99	279	
353	Raciaz	53	39.7	N	17	47.1	E	353RACIAZ	72	283	
241	Lisiny	53	39.9	N	18	8.7	E	241LISINY	49	289	
295	Nowa Huta	53	39.9	N	18	25.0	E	295NOWAHUTA	32	299	
411	Smolon	53	40.0	N	20	9.9	E	411SMOLON	88	79	
303	Okoniny	53	40.2	N	18	3.7	E	303OKONIY	54	288	
185	Kosno	53	40.2	N	20	42.2	E	185KOSNO	123	82	
155	Jezier	53	40.5	N	19	37.9	E	155JEZIER	54	72	
346	Przewod	53	40.6	N	18	28.8	E	346PRZEWOD	30	305	
11	Biala	53	40.7	N	17	58.4	E	011BIALA	60	287	
294	Niziny	53	40.8	N	19	47.2	E	294NIZINY	64	74	
50	Chojni	53	40.9	N	17	32.0	E	050CHOJNI	89	282	
503	Wygoda 2	53	41.1	N	20	36.2	E	503WYGODA	117	81	
94	Dzwierzuty	53	41.3	N	20	58.0	E	094DZWIE	141	82	
260	Makrut	53	41.3	N	20	16.6	E	260MAKRUT	96	79	
372	Rus	53	41.4	N	20	29.6	E	372RUS	110	80	
174	Klocek	53	41.5	N	17	56.5	E	174KLOCEK	63	288	
256	Majdy	53	41.7	N	20	23.6	E	256MAJDY	104	79	
320	Ostroda	53	41.9	N	19	57.2	E	320OSTRU	75	75	
161	Kaletk	53	42.0	N	19	42.4	E	161KALETK	60	71	
49	Chojnice	53	42.2	N	17	36.4	E	049CHOJN	84	284	
416	Srodka	53	42.2	N	20	14.5	E	416SRODKA	94	77	
509	Zagork	53	42.3	N	17	27.2	E	509ZAGORK	94	283	
167	Katno	53	42.3	N	20	4.6	E	167KATNO	83	76	
519	Zapedo	53	42.3	N	17	50.7	E	519ZAPEDO	69	287	
354	Radogoszcz	53	42.3	N	18	26.9	E	354RADOG	33	307	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
349	Purda	53	42.4	N	20	42.1	E	349PURDA	124	80	
251	Luby	53	42.4	N	18	22.9	E	251LUBY	37	303	
403	Sliwice	53	42.4	N	18	10.4	E	403SLIWI	49	295	
356	Ransk	53	42.5	N	21	5.8	E	356RANSK	150	81	
113	Garsk	53	42.5	N	17	10.4	E	113GARSK	112	281	
179	Kolodzieje	53	42.6	N	19	10.5	E	179KOLOD	30	46	
34	Brzezn	53	43.0	N	18	15.6	E	034BRZEZN	44	299	
394	Sila	53	43.0	N	20	22.3	E	394SILA	103	77	
119	Glowka	53	43.0	N	18	6.0	E	119GLOWKA	54	294	
223	Lesna Jania	53	43.1	N	18	36.7	E	223LESNA	27	324	
425	Susz	53	43.1	N	19	20.6	E	425SUSZ	39	56	
357	Rapaty	53	43.3	N	20	8.7	E	357RAPATY	88	75	
313	Osiek Starogardzki	53	43.4	N	18	29.4	E	313OSIEK	32	313	
470	Waldow	53	43.7	N	19	54.9	E	470WALDOW	74	72	
148	Jaroty	53	43.7	N	20	28.3	E	148JAROTY	109	77	
222	Legbad	53	43.8	N	17	56.5	E	222LEGLA	64	291	
494	Wojtko	53	43.9	N	20	36.8	E	494WOJTKO	119	78	
25	Brensk	53	44.0	N	17	2.3	E	025BRENSK	122	282	
465	Urowo	53	44.0	N	19	42.6	E	465UROWO	61	67	
229	Licze	53	44.1	N	19	4.4	E	229LICZE	28	32	
211	Kwidzyn	53	44.2	N	18	55.4	E	211KWIDZ	24	12	
379	Rytelu	53	44.3	N	17	49.8	E	379RYTELU	71	290	
329	Pawlow	53	44.4	N	17	16.8	E	329PAWLOW	106	284	
195	Krag	53	44.6	N	18	3.6	E	195KRAG	57	295	
330	Piecki	53	44.7	N	21	21.0	E	330PIECK	167	81	
114	Gietrzwald	53	44.8	N	20	14.1	E	114GIETR	95	74	
318	Ostrowy	53	45.0	N	18	1.9	E	318OSTROW	59	295	
154	Jelnia	53	45.0	N	16	58.4	E	154JELNIA	126	282	
479	Wegorz	53	45.0	N	17	24.9	E	479WEGORZ	98	285	
115	Gisiel	53	45.1	N	20	59.1	E	115GISIEL	143	79	
106	Fabianki	53	45.1	N	19	28.2	E	106FABIAN	48	58	
343	Prabut	53	45.4	N	19	12.2	E	343PRABUT	35	42	
378	Rytel	53	45.4	N	17	45.6	E	378RYTEL	76	290	
381	Rzecenica	53	45.4	N	17	6.4	E	381RZECZ	118	283	
335	Plicht	53	45.5	N	20	3.2	E	335PLICHT	84	71	
175	Klodaw	53	45.6	N	17	38.4	E	175KLODAW	84	289	
252	Lukowo	53	45.8	N	17	55.8	E	252LUKOWO	66	294	
207	Kudypy	53	45.8	N	20	22.6	E	207KUDYPY	104	75	
276	Milomlyn	53	45.8	N	19	50.1	E	276MILOM	70	67	
441	Szlach	53	46.1	N	18	6.8	E	441SZLACH	56	300	
437	Szelag	53	46.2	N	19	57.0	E	437SZELAG	78	69	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
312	Osieczna	53	46.2	N	18	12.2	E	312OSIECZ	51	303	
98	EPOD	53	46.4	N	20	24.8	E	098EPOD	107	74	
306	Olszty	53	46.5	N	20	28.9	E	306OLSZTY	111	75	
227	Leszno	53	46.6	N	20	52.6	E	227LESZN	136	77	
71	Dlugie	53	46.9	N	18	21.0	E	071DLUGIE	44	311	
279	Mojtyn	53	46.9	N	21	5.7	E	279MOJTYN	151	78	
78	Dolgie	53	47.2	N	16	48.3	E	078DOLGIE	138	283	
274	Mikolajki	53	47.5	N	21	33.4	E	274MIKOL	181	80	
477	Wda	53	47.7	N	18	23.6	E	477WDA	42	315	
398	Skorcz	53	47.9	N	18	31.8	E	398SKORC	37	325	
63	Czersk	53	48.0	N	17	58.7	E	063CZERS	65	298	
461	Turowi	53	48.2	N	17	39.8	E	461TUROWI	84	292	
257	Majewo	53	48.2	N	18	40.9	E	257MAJEWO	33	340	
300	Ocypel	53	48.2	N	18	19.2	E	300OCYPE	47	312	
414	Sporys	53	48.3	N	17	0.8	E	414SPORYS	125	285	
253	Lukuta	53	48.3	N	20	5.0	E	253LUKTA	87	69	
380	Rzadze	53	48.9	N	16	54.3	E	380RZADZE	132	285	
212	Kwieki	53	48.9	N	17	51.8	E	212KWIEKI	72	297	
307	Olszyn	53	49.0	N	17	47.4	E	307OLSZYN	77	295	
326	Parcel	53	49.2	N	18	10.7	E	326PARCEL	55	307	
511	Zalesie Barczewo	53	49.4	N	20	43.1	E	511ZALES	128	74	
181	Konarzyny	53	49.5	N	17	21.2	E	181KONAR	104	289	
369	Rudnicki	53	49.7	N	17	10.3	E	369RUDNI	115	288	
273	Mieso	53	49.7	N	18	6.4	E	273MIESO	59	305	
120	Gniew Zamek	53	50.1	N	18	49.8	E	120GNIEW	34	358	
214	Lag	53	50.3	N	18	24.5	E	214LAG	45	320	
412	Sorkwi	53	50.7	N	21	8.5	E	412SORKWI	155	76	
61	Czarne	53	50.7	N	18	14.3	E	061CZARNE	54	312	
516	Zalewo	53	50.7	N	19	36.6	E	516ZALEWO	62	54	
473	Warsza	53	50.8	N	17	43.6	E	473WARSZA	82	296	
66	Czwoda	53	50.9	N	18	6.1	E	066CZWODA	61	306	
83	Drzewi	53	51.1	N	17	34.2	E	083DRZEWI	92	294	
170	Kinice	53	51.7	N	17	45.1	E	170KINICE	81	298	
16	Biskupiec	53	51.8	N	20	57.3	E	016BISKU	144	74	
388	Sgacie	53	51.9	N	17	29.9	E	388SGACIE	97	294	
8	Biale Biota	53	52.0	N	17	55.0	E	008BBLOTO	72	302	
331	Pienieznica	53	52.2	N	16	59.9	E	331PIENI	128	288	
281	Mragowo	53	52.3	N	21	18.4	E	281MRAGO	166	76	
350	Pustki	53	52.3	N	17	59.7	E	350PUSTKI	68	305	
177	Klonow 2	53	52.4	N	18	3.7	E	177KLONOW	65	307	
26	Broda	53	52.5	N	17	49.2	E	026BRODA	78	300	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
108	Gady	53	52.7	N	20	35.2	E	108GADY	121	70	
233	Lipczy	53	52.8	N	17	15.7	E	233LIPCZY	112	291	
30	Brusy	53	53.2	N	17	43.1	E	030BRUSY	85	299	
2	Asmus	53	53.3	N	17	35.3	E	002ASMUS	92	296	
271	Miedzn 1	53	54.1	N	17	59.0	E	271MIEDZN	71	307	
178	Koczal	53	54.1	N	17	4.0	E	178KOCZAL	125	290	
493	Wojtal	53	54.2	N	18	2.7	E	493WOJTA	68	309	
162	Kaliska	53	54.3	N	18	13.1	E	162KALIS	59	316	
397	Skolity	53	54.3	N	20	12.8	E	397SKOLI	99	64	
293	Nieros	53	54.5	N	17	21.9	E	293NIEROS	107	294	
7	Bartel	53	54.8	N	18	8.8	E	007BARTEL	63	313	
13	Bialy Dwor	53	55.2	N	16	47.9	E	013BIALY	142	289	
513	Zalesi	53	55.3	N	17	43.8	E	513ZALESI	86	301	
4	Bak	53	55.3	N	17	57.6	E	004BAK	73	307	
261	Maldyty	53	55.3	N	19	44.1	E	261MALDY	73	53	
483	Wiele	53	55.3	N	17	51.7	E	483WIELE	79	305	
217	Laska	53	55.9	N	17	31.0	E	217LASKA	99	298	
224	Lesno 1	53	57.0	N	17	42.0	E	224LESNO	89	302	
22	Borsk	53	57.2	N	17	55.7	E	022BORSK	77	309	
506	Wygonin	53	57.4	N	18	1.6	E	506WYGON	72	312	
347	Ptasze	53	57.4	N	17	26.2	E	347PTASZE	104	298	
21	Borowy Mlyn	53	57.7	N	17	17.0	E	021BOROW	114	296	
507	Wygoni	53	57.7	N	18	7.5	E	507WYGONI	68	316	
355	Radun	53	58.1	N	17	45.7	E	355RADUN	87	305	
156	Jezorany	53	58.2	N	20	45.3	E	156JEZIO	135	68	
201	Kruszyn	53	58.8	N	17	36.0	E	201KRUSZ	96	302	
73	Dobre Miasto	53	59.0	N	20	23.2	E	073DOBREM	113	63	
502	Wygoda 1	53	59.1	N	17	53.0	E	502WYGODA	82	309	
270	Miastk	54	0.0	N	16	58.6	E	270MIASTK	134	294	
304	Olpuch	54	0.5	N	18	1.6	E	304OLPUCH	76	315	
91	Dziemiany	54	0.6	N	17	45.9	E	091DZIEMY	89	308	
442	Szutow	54	0.7	N	17	21.6	E	442SZUTOW	112	300	
478	Wdzydze	54	0.8	N	17	56.0	E	478WDZYD	81	312	
275	Milakowo	54	1.0	N	20	4.0	E	275MILAK	97	55	
80	Dolskie	54	1.4	N	17	5.3	E	080DOLSK	128	296	
431	Swieta Lipka	54	1.5	N	21	13.2	E	431SWLIP	165	69	
249	Lubon	54	1.5	N	17	29.5	E	249LUBON	105	303	
405	Slupin	54	1.6	N	17	51.1	E	405SLUPIN	86	311	
88	Dywan	54	2.2	N	17	40.8	E	088DYWAN	96	307	
439	Szenaj	54	2.2	N	18	0.4	E	439SZENAJ	79	316	
245	Loryni	54	2.8	N	17	53.6	E	245LORYNI	85	313	

	Way Point	Latitude			Longitude			ID	Distance	Bearing	Description
192	Kozlic	54	3.3	N	17	37.8	E	192KOZLIC	99	307	
408	Sluza	54	4.4	N	17	40.8	E	408SLUZA	98	309	
139	Grzybo	54	4.5	N	17	54.0	E	139GRZYBO	87	315	
173	Klebowo	54	4.7	N	20	36.1	E	173KLEBO	130	61	
456	Trzcinno	54	5.2	N	17	4.0	E	456TRZCI	133	299	
5	Balach	54	5.2	N	17	47.9	E	005BALACH	93	313	
421	Studzi	54	5.6	N	17	34.5	E	421STUDZI	105	308	
14	Bielaw	54	5.8	N	17	41.5	E	014BIELAW	99	310	
435	Szarlo	54	6.0	N	17	57.2	E	435SZARLO	87	318	
325	Papier	54	6.7	N	17	46.4	E	325PAPIER	96	313	
458	Tuchomie	54	6.9	N	17	20.2	E	458TUCHO	119	304	
310	Orneta	54	7.2	N	20	7.9	E	310ORNET	107	51	
183	Korne	54	7.8	N	17	50.7	E	183KORNE	94	316	
504	Wygoda 3	54	8.3	N	17	41.4	E	504WYGODA	102	312	
23	Bozank	54	8.5	N	17	2.0	E	023BOZANK	137	301	
6	Barkocin	54	9.1	N	17	12.3	E	006BARKO	128	303	
42	Bytow	54	9.7	N	17	28.8	E	042BYTOW	114	309	
45	Cetyn	54	13.4	N	17	9.0	E	045CETYN	136	306	
199	Krosnowo	54	14.3	N	17	21.5	E	199KROSN	126	310	
168	Kepice	54	14.5	N	16	53.8	E	168KEPICE	151	303	
111	Gazeznia Mala	54	17.1	N	17	18.8	E	111GALAZ	131	311	
527	Zelki	54	20.3	N	17	3.8	E	527ZELKI	148	308	
204	Krzynia	54	20.8	N	17	12.7	E	204KRZYN	141	311	
102	EPSK	54	24.6	N	17	5.4	E	102EPSK	151	311	
407	Slupsk	54	27.6	N	17	2.1	E	407SLUPSK	158	312	