

Map marking information for Adagum, Krasnodar Tsentralny AB, Russia

Latitude range: 40 7.3 to 59 48.0
 Longitude range: 20 35.7 to 91 23.1

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Way Point	Latitude	Longitude	Distance	Bearing	
720 Yerevan Erebuni	40 7.3 N	44 27.9 E	779	133	
721 Yerevan Zvartnot	40 8.8 N	44 23.8 E	773	133	
157 Ganja Azerbai	40 44.3 N	46 19.1 E	848	122	
193 Gyumri Shirak Ar	40 45.0 N	43 51.6 E	693	132	
608 Stepanavan	41 2.9 N	44 20.2 E	698	128	
7 Akhty	41 28.4 N	47 42.1 E	899	113	DD¾ND½ND¹. DD°Ñ.=(1150)D¼. DD; D'D¾ 15 ÑD¾D½D½. D;D D;:2630/4680.
56 Batumi	41 36.6 N	41 36.0 E	496	140	
631 Tbilisi Lochini	41 40.1 N	44 57.3 E	695	121	
672 Vachi	42 4.8 N	47 12.4 E	831	110	DD¾ND½ND¹. DD¾ D'D½D½ND¼ D;D±D¾ND½D, D°D° DDD D;D¾ DDD D;DµD²
116 Derbent	42 6.6 N	48 15.8 E	908	108	DD°Ñ.=(300)D¼. DD; D'D¾ 15 ÑD¾D½D½..
298 Kumukh	42 8.0 N	47 6.6 E	822	110	DD¾ND½ND¹. DÑD²ND, D¹ D°ÑND¾D ÑD¾D¼ DDD-2.
305 Kutaisi Kopitnar	42 10.6 N	42 29.0 E	500	129	
573 Shymkent	42 21.9 N	69 28.7 E	2551	95	
545 Salta	42 23.6 N	47 4.8 E	807	109	DD¾ND½ND¹. DD°Ñ.=(1500)D¼. DD; D'D¾ 15 ÑD¾D½D½. D;D D;:2630/4680.
320 Levashi	42 24.8 N	47 19.3 E	824	108	DD¾ND½ND¹. DÑD²ND, D¹ D°ÑND¾D ÑD¾D¼ DDD-2 D;DDE DD.
168 Golot'	42 29.1 N	46 43.2 E	776	109	DD¾ND½ND¹. DD°Ñ.=(1100-880) D;D¾ P DD°ÑD°ÑD°D»Ñ. DÑD, D½D, D¼D°D» D
443 Nukus	42 29.3 N	59 37.4 E	1774	92	
505 Przevalsk	42 30.5 N	78 24.5 E	3241	100	
5 Agvali	42 31.4 N	46 9.7 E	732	110	DD¾ND½ND¹. D;D D;: 4680/4840.
162 Gergebil'	42 31.5 N	47 1.7 E	797	108	DD¾ND½ND¹. DÑD²ND, D¹ D°ÑND¾D ÑD¾D¼ DDD-2 D;DDE DD. DD°Ñ.=(1050)D¼.
241 Khunzakh	42 34.2 N	46 43.7 E	772	108	DD; D'D¾ 5.25 Ñ.

Way Point		Latitude			Longitude			Distance	Bearing	
629	Tamchy YSykkul	42	35.3	N	76	42.8	E	3107	99	
222	Karata	42	37.6	N	46	18.0	E	738	109	DD¾ND½ND¹. DN²ND, D¹ D°ND¾D ND¾D¼ DDD-2. DNND-D¾D½D°D; NND¶Dµ
456	Orota	42	39.5	N	46	31.8	E	753	108	XXXXZAKR. GORNY 550x70 GR 045-225 +6 (...) 15.0T "TRAKT-2"-118.5 (?) H=1219
665	Untsukul'	42	44.1	N	46	46.9	E	769	107	DD¾ND½ND¹.
191	Gumbet	42	48.2	N	46	36.7	E	753	107	DD¾ND½ND¹. DD¾ D°D½D½ND¼ D; D±D¾ND½D, D°D° DDD D; D¾ DDD D; DµD²
337	Makhachkala Uytash	42	49.0	N	47	39.1	E	831	104	
615	Sukhumi BA BUshar	42	51.2	N	41	7.3	E	367	131	
80	Bishkek Kant Kzk	42	51.3	N	74	50.8	E	2953	99	
616	Sukhum	42	51.5	N	41	7.7	E	367	131	D DµND; ND±D»D, D°D° DD±ND°D-D; N.
225	Kaspiysk	42	53.0	N	47	39.9	E	830	104	DNND½D°N D±D°D-D, ND¾D²D°D½D, N D, D, ND; NNND°D½D, D¹ ND°ND°D½D¾D; D»D
754	Zualy	42	58.5	N	73	43.5	E	2862	98	
335	Makhachkala Nivnoe	43	0.8	N	47	26.1	E	807	103	DD; DµND°ND¾N: D½DµN D°D½D½NN.
336	Makhachkala Ular	43	2.7	N	47	24.3	E	804	103	DD; DµND°ND¾N: D½DµN D°D½D½NN.
81	Bishkek Manas Kz	43	3.7	N	74	28.7	E	2918	99	
697	Vladikavkaz	43	4.4	N	44	35.2	E	590	110	DD¾ND½ND¹. DD; DµND°ND¾N: DD»D°D° D, D°D°D²D°D°D-ND°D, D¹ NDµND; ND±D
189	Gudauta	43	6.2	N	40	34.8	E	316	133	D DµND; ND±D»D, D°D° DD±ND°D-D; N. D D°ND; D¾D»D¾D¶DµD½D° 7N D²D¾DµD
562	Shali	43	8.9	N	45	51.6	E	682	106	D§DµNDµD½ND°D°N D DµND; ND±D»D, D°D°, D D¾NNND; N. DD°D³D½D, ND½D¾Dµ
198	Inkit	43	10.6	N	40	19.4	E	296	135	DD±ND°D-D; N. DD; DµND°ND¾N: D½DµN D°D½D½NN.
549	Sed'moye Nebo	43	10.8	N	40	18.1	E	294	135	D DµND; ND±D»D, D°D° DD±ND°D-D; N. D³. DD, NND½D°D°. DD; DµND°ND¾N: DDD
696	Vladikavkaz Besl	43	12.3	N	44	36.5	E	586	109	
695	Vladikavkaz Besian	43	12.3	N	44	36.4	E	586	109	DD¾ND½ND¹. DD; DµND°ND¾N: DDD "DDµD¶D ND½D°ND¾D D½ND¹ D°ND¾D; D
236	Khasavyurt	43	16.1	N	46	33.6	E	731	103	DD°N.=(400)D¼, D°D¾ 15 N.
186	Grozniy Khankala	43	17.9	N	45	47.1	E	671	104	
583	Sleptsovskaya	43	19.4	N	45	0.7	E	611	106	DD¾ND½ND¹. DD°N.=(900)D¼.
655	Turkestan	43	19.4	N	68	24.2	E	2437	96	
18	Almaty	43	21.1	N	77	2.4	E	3106	101	
507	Pskhu	43	23.1	N	40	49.0	E	309	127	D DµND; ND±D»D, D°D° DD±ND°D-D; N. DD¾ND½ND¹. DD; DµND°ND¾N: D½DµN D
476	Petropavlovskaya	43	23.2	N	45	52.8	E	674	103	XXXX[CHECHNYA] 400x20 ASF +6.1 (KOSM.)
187	Grozniy Severniy	43	23.3	N	45	42.0	E	661	104	DD; DµND°ND¾N: D½DµN D°D½D½NN. DD°N.=(900)D¼.
140	El'brus	43	25.1	N	42	29.6	E	421	115	DD¾ND½ND¹. DNND» D¾D±NNNNND¾DµD½ D½D° D¾¾ND½D¾D¼ D; D»D°ND¾ D²
586	Sochi 2	43	26.7	N	39	56.9	E	253	135	DD¾ND½ND¹. DD; DµND°ND¾N: DDD Á«DDµD¶D ND½D°ND¾D D½ND¹ D°ND¾D¾
585	Sochi 1	43	26.7	N	39	56.9	E	253	135	
32	Arkhyz	43	30.8	N	41	12.4	E	326	121	DD¾ND½ND¹. DD; DµND°ND¾N: D½DµN D°D½D½NN.
389	Nal'chik	43	30.8	N	43	38.2	E	500	108	DD¾ND½ND¹. D; D¾D²D¼DµNNND¾D¾D¾D±D°D-D, ND¾D²D°D½D, N. DD°N.=(10
388	Nalchik	43	30.8	N	43	38.2	E	500	108	
403	Novaya Kosa	43	32.8	N	47	21.9	E	783	99	DD¾ D°D½D½ND¼ ND±D¾ND½D, D°D° DDD D; D¾ DDD D; DµD²DµND¾-DD°D²
211	Kalinovskaya	43	35.9	N	45	30.9	E	639	102	
244	Kishpek	43	37.4	N	43	34.8	E	491	107	DD¾ND½ND¹. DD»D¾ND°D°D° DD¶D . DD; D°D¾ 14 ND¾D½D½.
390	Naurskaya	43	41.9	N	45	20.1	E	622	102	DD»D¾ND°D°D° DD¶D .
214	Kamennomostskoye	43	44.1	N	43	0.7	E	444	108	DD¾ND½ND¹.
405	Noviy Biryuzyak	43	46.8	N	47	18.3	E	772	97	DD¾ D°D½D½ND¼ D; D±D¾ND½D, D°D° DDD D; D¾ DDD D; DµD²DµND¾-DD°D²

	Way Point	Latitude			Longitude			Distance	Bearing	
386	Mozdok	43	47.2	N	44	36.2	E	563	102	ДД;ДмНД°НД³⁴Н: ДДД; Д Д³⁴ННД, Д, ДД°Н.=(600)Д¼, ДД; Д Д³⁴ 182 НД³⁴Д½Д½.
249	Kizlyar	43	49.6	N	46	43.1	E	725	98	ДНД²НД, Д¹ Д°ННД³⁴Д НД³⁴Д¼ ДДД-2. ДННД-Д³⁴Д½Д°Д;ННД¶ДмД½Д½Д³⁴ННН.
670	Uvarovskoye	43	50.9	N	44	29.0	E	552	102	ДД»Д³⁴НД°Д Д°Д° ДДФД .
662	Ul'yanovskoye	43	52.9	N	44	4.4	E	519	103	ДД»Д³⁴НД°Д Д°Д° ДДФД .
347	Mar'yinskaya	43	54.5	N	43	30.4	E	475	104	ДДДД Д½Дм Д;НД, Д³Д³Д Д½Д° Д Д»Н Д;Д³⁴НД°Д Д°Д, .
753	Zol'sqaya	43	55.3	N	43	21.0	E	463	104	ДД»Д³⁴НД°Д Д°Д° ДДФД
245	Kislovodsk	43	56.9	N	42	37.6	E	407	106	ДД³⁴НД½НД¹. ДД;ДмНД°НД³⁴Н: Д½ДмН Д Д°Д½Д½НН. ДНД²НД, Д¹ Д³НД°Д¶Д Д
460	Ostrov Chechen'	43	57.9	N	47	39.0	E	794	96	ДД°Н.=(100), ДД; Д Д³⁴ 12 НД³⁴Д½Д½.
724	Yutsa	43	58.4	N	43	2.1	E	437	105	ДД;ДмНД°НД³⁴Н: Д½ДмН Д Д°Д½Д½НН. Д£Д°Д»Д³⁴Д½ ДДДД Д½Д° Д²Д³⁴ННД³⁴
134	Edissiya	43	59.9	N	44	33.7	E	553	100	ДД»Д³⁴НД°Д Д°Д° ДДФД .
511	Pyatigorsk Serdtse Mira	44	0.3	N	43	3.9	E	438	104	ДД³⁴НД½НД¹. ДД;ДмНД°НД³⁴Н: ДДД ДД²Д, Д°НД, Д³⁴Д½Д½Д³⁴-НДмНД½Д, НДмН
426	Novopavlovsk	44	2.6	N	43	32.9	E	474	102	ДД»Д³⁴НД°Д Д°Д° ДДФД .
512	Pyatigorsk	44	3.1	N	43	1.4	E	433	104	ДД³⁴НД½НД¹.
176	Gornozavodskoye	44	3.2	N	43	56.5	E	504	101	ДД»Д³⁴НД°Д Д°Д° ДДФД .
149	Essentuki	44	3.6	N	42	49.8	E	418	104	ДД³⁴НД½НД¹. ДД°Д-Д³⁴Д²НД¹ ННДмД±Д½НД¹. ДД;ДмНД°НД³⁴Н: ДННДмД½ННД
433	Novosrednenskoye	44	4.7	N	43	51.5	E	497	101	ДД»Д³⁴НД°Д Д°Д° ДДФД .
161	Georgiyevsk	44	5.1	N	43	24.4	E	462	102	ДД;ДмНД°НД³⁴Н: Д½ДмН Д Д°Д½Д½НН.
506	Psebay	44	6.6	N	40	49.1	E	266	113	Д³⁴НД³⁴ 04.06.2011:
667	Urukhsкая	44	8.1	N	43	42.3	E	483	101	ДД»Д³⁴НД°Д Д°Д° ДДФД .
653	Tuapse	44	8.3	N	39	1.7	E	146	136	ДД³⁴НД½НД¹. ДД°Н.=(600)Д¼, ДДД Д;:381-"ДД".
263	Kononov	44	10.2	N	44	9.2	E	517	99	ДД»Д³⁴НД°Д Д°Д° ДДФД .
257	Koltunovskiy	44	11.5	N	43	48.3	E	489	100	ДД»Д³⁴НД°Д Д°Д° ДДФД .
365	Mineralnyye Vody	44	13.5	N	43	5.0	E	433	101	
366	Mineral'nyye Vody	44	13.5	N	43	4.9	E	433	101	ДД³⁴НД½НД¹. ДД;ДмНД°НД³⁴Н: ДДД "ДДмД¶Д НД½Д°НД³⁴Д Д½НД¹ Д°ННД³⁴Д;
495	Prigorodnoye	44	13.6	N	42	6.5	E	358	104	ДД³⁴НД½НД¹.
173	Gor'kaya Balka	44	14.3	N	44	0.5	E	504	99	ДД»Д³⁴НД°Д Д°Д° ДДФД .
188	Guamka	44	15.1	N	39	54.9	E	195	118	ДД;ДмНД°НД³⁴Н: ? ДД³⁴НД½НД¹. ДНД, Д»ДмН НННД³⁴Д³⁴ Д;Д³⁴ НД³⁴Д³Д»Д°Н
11	Aleksandriyskaya	44	15.5	N	43	14.3	E	444	100	ДД;ДмНД°НД³⁴Н: ДДД "ДД²Д, Д°Д°Д³⁴Д¼Д;Д°Д½Д, Н "ДД½Д½ННД°Д". ДД; Д Д
16	Alexandriyskaya	44	16.9	N	43	18.0	E	448	100	ДД»Д³⁴НД°Д Д°Д° ДДФД .
462	Otkaznoye	44	18.6	N	43	56.1	E	496	98	ДД»Д³⁴НД°Д Д°Д° ДДФД .
444	Obil'noe	44	20.6	N	43	35.3	E	469	98	ДД»Д³⁴НД°Д Д°Д° ДДФД .
463	Otradnaya	44	22.9	N	41	29.4	E	306	104	9-11 Д°Д²Д³НННД° 2013 Д;Д»Д°Д½Д, ННДмНННН Д;НД³⁴Д²ДмД ДмД½Д, Дм НД»Дм
493	Pravokumskoye	44	23.3	N	43	59.8	E	500	97	ДД»Д³⁴НД°Д Д°Д° ДДФД .
385	Mostovskoy	44	23.6	N	40	48.2	E	253	107	ДНД²НД, Д¹ Д°ННД³⁴Д НД³⁴Д¼ ДДД-2.
743	Zelenokumsk 2	44	26.6	N	43	44.7	E	479	96	ДД»Д³⁴НД°Д Д°Д° ДДФД .
551	Selivanovka	44	28.2	N	44	3.7	E	503	96	ДД»Д³⁴НД°Д Д°Д° ДДФД .
661	Ul'yanovka	44	28.2	N	43	26.3	E	454	97	ДД»Д³⁴НД°Д Д°Д° ДДФД
742	Zelenokumsk 1	44	28.9	N	43	45.5	E	479	96	ДД»Д³⁴НД°Д Д°Д° ДДФД .
690	Veseloje 2	44	30.2	N	41	45.9	E	324	100	ДД»Д³⁴НД°Д Д°Д° ДДФД .
37	Arxipovsqoe	44	30.2	N	44	12.7	E	514	95	
396	Niny	44	31.6	N	43	49.7	E	484	95	ДД»Д³⁴НД°Д Д°Д° ДДФД .

	Way Point	Latitude			Longitude			Distance	Bearing	
542	Sablinskoye	44	32.0	N	43	12.8	E	435	96	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
58	Bautino	44	33.0	N	50	17.8	E	991	91	ДД³⁄₄Д»ÑД³⁄₄ÑÑÑД³⁄₄Д² ДД°Д¹⁄₂Д³ÑÑД»Д°Д°. ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄ДᵇД³⁄₄ÑÑ Д¹⁄₄ДμÑ
230	Kaz'minskoye	44	33.7	N	41	41.8	E	317	99	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
158	Gelendzhik Bukhta	44	34.2	N	38	2.3	E	62	158	ДД, Д´ÑД³⁄₄Д Д ДᵇДᵇДμД´ÑÑД°Д²Д»ÑДμÑ ÑД³⁄₄Д±Д³⁄₄Д¹ Д¹⁄₄Д¹⁄₂Д³⁄₄Д³Д³⁄₄ÑД³Д³⁄₄Д»Ñ
295	Kudryaviy	44	34.8	N	44	18.0	E	520	94	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
159	Gelendzhik	44	34.9	N	38	0.8	E	60	160	ДДДД-03/21 Д¹⁄₂ДμД´ДμД¹ÑÑД²ÑÑÑД°Ñ Ñ 2008 Д³, Д² ÑД°Д±Д³⁄₄ÑДμД¹⁄₄ ÑД³⁄₄ÑÑД
600	Starodubskoye	44	35.0	N	43	56.9	E	492	94	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
718	Yaroslavskaya	44	35.1	N	40	26.7	E	220	104	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
155	Fort-Shevchenko	44	35.7	N	50	20.7	E	994	91	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄ДᵇД³⁄₄ÑÑ Д¹⁄₄ДμÑÑД¹⁄₂ÑÑ Д²Д³⁄₄Д-Д´ÑÑД¹⁄₂ÑÑ Д»Д, Д¹⁄₂Д, Д¹. Д
534	Rozhdestvenskoye	44	38.3	N	41	47.1	E	322	98	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
455	Orlovka	44	38.6	N	44	18.5	E	519	93	ДÑД²ÑД°Ñ ДᵇД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
352	Maykop Oktyabr'skiy	44	38.8	N	40	13.3	E	201	103	ДДᵇДμÑД°ÑД³⁄₄Ñ ДД°Д¹Д°Д³⁄₄ДᵇДᵇД, Д¹ ДДᵇД ДДДᵇДДД Д Д³⁄₄ÑÑД, Д,
351	Maykop 2	44	39.2	N	40	5.4	E	191	104	ДД°ÑДᵇД»ÑД°ÑД°Д¹⁄₂Ñ: ДДД Â«ДД²Д, Д°ÑД, Д³⁄₄Д¹⁄₂Д¹⁄₂ÑДμ Д»Д, Д¹⁄₂Д, Д, ДД´ÑД³Д
350	Maykop 1	44	39.2	N	40	5.4	E	191	104	
234	Khanskaya	44	40.8	N	40	2.2	E	186	103	ДДДД 04R/22L Д¹⁄₂Дμ ДᵇД³⁄₄Д´Д´ДμÑД¶Д, Д²Д°ДμÑÑÑ. ДД°Ñ.=(600)Д¹⁄₄. ДÑД°Д¶Д´
430	Novoselitskoye	44	41.2	N	43	22.9	E	446	94	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
472	Pervomayskiy	44	42.1	N	39	18.5	E	130	109	ДД»Д°Д´ДμД»ДμÑ ДД: ÑД, Д-Д, ÑДμÑД°Д³⁄₄Дμ Д»Д, ÑД³⁄₄.
525	Rodnikovskiy	44	42.5	N	41	14.3	E	278	97	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
17	Alexandrovskoye	44	44.1	N	43	0.1	E	415	94	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
645	Tomuzlovskoye	44	44.1	N	43	53.0	E	485	92	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
64	Belorechensk	44	45.0	N	39	56.1	E	176	102	ДДᵇДμÑД°ÑД³⁄₄Ñ: ДДД "ДÑÑД³⁄₄Д»Д±". ДÑД²ÑД°Ñ ДᵇД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД
698	Vladimirovskoye	44	45.2	N	40	9.8	E	194	100	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
628	Tambovskiy	44	45.3	N	40	20.5	E	207	99	ДДᵇДμÑД°ÑД³⁄₄Ñ: Д¹⁄₂ДμÑ Д´Д°Д¹⁄₂Д¹⁄₂ÑÑ.
591	Sovetskaya	44	45.5	N	41	9.8	E	271	97	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
524	Rodnikovskaya	44	46.7	N	40	42.5	E	236	97	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
99	Budennovsk	44	47.7	N	44	0.2	E	493	92	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД
318	Lesnaya	44	48.1	N	38	56.0	E	98	108	ДДᵇДμÑД°ÑД³⁄₄Ñ: Д¹⁄₂ДμÑ Д´Д°Д¹⁄₂Д¹⁄₂ÑÑ. ДДᵇД Д³⁄₄ 5700 Д°Д³. ДД¹⁄₄ДμДμÑÑÑ ДД
438	Nowoaleqseewsqaya	44	48.5	N	40	54.6	E	251	96	ДÑД°ÑД¹⁄₂Д³⁄₄Д´Д°ÑÑД°Д, Д¹ Д°ÑД°Д¹, Д Д³⁄₄ÑÑД, Ñ. ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД
165	Giaginskaya 2	44	50.9	N	40	6.8	E	188	97	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
411	Novodmitriyevskaya	44	50.9	N	38	53.8	E	94	106	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
4	Afipskiy	44	51.3	N	38	49.3	E	88	107	ДДᵇДμÑД°ÑД³⁄₄Ñ: ДД "ДÑÑД³⁄₄Д»Д± ДᵇД²Д³⁄₄Д±Д³⁄₄Д´Д¹⁄₂ÑД¹". Д 2013 ДДДД Ñ
560	Severskaya	44	51.3	N	38	38.4	E	75	110	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
209	Kalininskiy	44	51.5	N	44	11.0	E	507	91	ДДᵇДμÑД°ÑД³⁄₄Ñ: Д¹⁄₂ДμÑ Д´Д°Д¹⁄₂Д¹⁄₂ÑÑ.
299	Kurganinsk	44	51.6	N	40	37.7	E	228	95	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄Д´ÑД³⁄₄Д¹⁄₄ ДДД-2. ДД°Ñ.=(150)Д¹⁄₄. Д Д°Д¹⁄₂ДμДμ ÑÑД¹⁄₂Д°ÑД
553	Semigorskaya	44	51.7	N	37	37.0	E	27	202	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄ДᵇД³⁄₄ÑÑ ДДД-2.
500	Progress	44	52.9	N	40	13.9	E	197	96	ДÑД²ÑД°Ñ ДᵇД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДДᵇДμÑД°ÑД³⁄₄Ñ: ДДД "ДД¹⁄₄Д³⁄₄Д¹⁄₂ Д Д".
164	Giaginskaya 1	44	53.3	N	39	57.9	E	176	96	ДД°Ñ.=(300)Д¹⁄₄. ДДД Дᵇ:538-"ДД«/ДД\$, ДДД Дᵇ:260-"Д/Д".
197	Il'skaya	44	53.3	N	38	33.5	E	67	109	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
625	Takhtamukay	44	53.7	N	39	1.1	E	102	102	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
200	Ivanenkovskiy	44	54.3	N	34	20.6	E	269	267	ДД³⁄₄ÑД¹⁄₂ÑД¹. ДД°ÑÑД, Д-Д°Д¹⁄₂ÑД°Д, Д¹ Д°ÑÑД³⁄₄Д´ÑД³⁄₄Д¹⁄₄ Д²ÑДμД¹⁄₄ДμД¹⁄₂ ДДД
2	Abinsk	44	54.3	N	38	10.6	E	39	121	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .

	Way Point	Latitude			Longitude			Distance	Bearing	
555	Sengiley	45	4.4	N	41	35.1	E	301	91	ДД»Д°Д'ДμД»ДμÑ ДД: Д½ДμÑ Д'Д°Д½Д½ÑÑ. ДД°Д-Д,ÑÑÑÑÑÑÑ ДД; ДД ДДϕД "Д
664	Ulyap	45	4.7	N	39	57.8	E	174	90	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
499	Prochnookopskaya	45	4.8	N	41	8.0	E	266	91	ДÑД²ÑД°Ñ Д;Д»Д¾ÑД°Д'Д°Д° ДД҂Д . ДД»Д°Д'ДμД»ДμÑ ДД: Д;ДДД "ДÑÑД¾Д°
282	Krasnodar Tsentral'niy	45	5.0	N	38	56.7	E	94	90	ДД;ДμÑД°ÑД¾Ñ: Д»Д,Д»Д,Д°Д» Д²Д¾ДμД½Д½Д¾Д¾ÑÑ ДμД±Д½Д¾-Д½Д°Ñ
143	Elizavetinskaya	45	5.1	N	38	48.3	E	83	90	ДÑД°ÑД½Д¾Д'Д°ÑÑД°Д,Д¹ ДÑД°Д¹, Д Д¾ÑÑД,Ñ. ДД»Д¾ÑД°Д'Д°Д° ДД҂Д . ДД
3	Adagum	45	5.3	N	37	44.9	E			ДД;ДμÑД°ÑД¾Ñ: ÑД,Д-Д,ÑДμÑД°Д¾Дμ Д»Д,ÑД¾ ДДД. ДÑД²ÑД°Ñ Д;Д»Д¾ÑД°
604	Start	45	5.8	N	37	45.1	E	1.0	13	
673	Varenikovskaya	45	6.3	N	37	40.3	E	6.3	287	
648	Troyitskaya	45	6.3	N	38	6.7	E	29	86	ДД;ДμÑД°ÑД¾Ñ: Д½ДμÑ Д'Д°Д½Д½ÑÑ. ДÑД²ÑД°Ñ Д;Д»Д¾ÑД°Д'Д°Д° ДД҂Д . Д
605	Stavropol Shpako	45	6.5	N	42	6.8	E	343	88	
606	Stavropol' Shpakovskoye	45	6.5	N	42	6.8	E	343	88	ДД;ДμÑД°ÑД¾Ñ: Д½ДμÑ Д'Д°Д½Д½ÑÑ. ДÑÑД¾Д'ÑД¾¼¼ ÑД¾Д²Д¼ДμÑÑД½Д
607	Stavropol' Staromar'yevka	45	6.7	N	42	14.5	E	353	88	
636	Tenginskiy	45	6.9	N	40	1.3	E	178	88	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
574	Simferopol' Gvardeyskoye	45	7.0	N	33	58.6	E	296	272	ДД;ДμÑД°ÑД¾Ñ: 4-ÑД¹ Д ДДД; Д, ДДД. ДД¾ДμД½Д½ÑД¹ Д,Д½Д'ДμД°Ñ: XRFG
418	Novolabinskaya	45	7.8	N	39	55.0	E	170	88	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
392	Nechayevskiy	45	8.4	N	38	17.2	E	43	82	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
708	Vozdvizhenskaya	45	8.6	N	40	10.6	E	191	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
473	Pervorechenskoye	45	8.6	N	39	18.4	E	122	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д . ДД° ДДД Д¾Д±ÑÑÑÑÑД¾ДμД½Д¾ Д-Д'Д°Д½Д,Дμ. ДД
346	Mar'yanskaya	45	8.7	N	38	42.3	E	75	85	ДÑД²ÑД°Ñ Д;Д»Д¾ÑД°Д'Д°Д° ДД҂Д .
688	Veselovka	45	8.7	N	36	55.9	E	64	276	Д;Д¾Д³Д»Д°ÑД¾Д²Д°Д½Д,Дμ Д;ДÑД,Д»ДμÑД° Д¾Д±ÑД-Д°ÑДμД»ÑД½Д¾ Д'Д»Ñ
394	Nekrasovskaya	45	8.9	N	39	47.5	E	160	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
539	Russkaya	45	9.2	N	41	48.6	E	319	87	ДД;ДμÑД°ÑД¾Ñ: Д½ДμÑ Д'Д°Д½Д½ÑÑ.
204	Izgib	45	9.3	N	37	46.8	E	7.8	18	
633	Temirgoevskaya	45	9.3	N	40	17.8	E	200	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
194	Hankov	45	9.5	N	37	51.5	E	12	48	
611	Stepnoy	45	9.7	N	41	13.2	E	272	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
243	Kirovskoye	45	9.9	N	35	10.9	E	202	273	ДД;ДμÑД°ÑД¾Ñ: ДДД; Д Д¾ÑÑД,Д, Д Д°Д½ДμДμ Д,Д¼ДμД» Д²Д¾ДμД½Д½ÑД
63	Beliy	45	10.2	N	37	14.4	E	41	283	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
584	Sobolevsky	45	10.5	N	37	59.4	E	21	63	ДД°Д-Д½Д°ÑДμД½Д,Дμ Д½Дμ Д,Д-Д²ДμÑÑД½Д¾.
556	Serafimovskoye	45	10.8	N	43	52.5	E	481	87	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
423	Novomyshastovskaya	45	11.6	N	38	32.0	E	63	79	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
510	Pushkinskoye	45	11.7	N	40	37.9	E	226	86	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
285	Krasnopolyanskiy	45	11.8	N	38	17.0	E	44	74	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
181	Grachevka	45	12.2	N	42	26.1	E	368	86	ДД;ДμÑД°ÑД¾Ñ: ДДДД ДД "Д;ДД". ДД°Д-Д,ÑÑДμÑÑÑ ДД²Д,Д°ÑДμД½ÑÑ "ДД;Д
582	Slavyansk-na-Kubani	45	12.4	N	38	5.2	E	30	63	ДД;ДμÑД°ÑД¾Ñ: ДДД ÑД,ÑД¼Д° "ДД;ДДДДϕ
237	Khersonskiy	45	12.8	N	39	57.5	E	174	85	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
470	Pelagiada	45	12.9	N	41	58.6	E	332	86	
271	Kotsebu	45	12.9	N	40	55.2	E	249	86	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
268	Korzhevsky	45	12.9	N	37	44.6	E	14	359	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
521	Risooptyniy	45	13.1	N	38	18.7	E	47	72	ДД»Д¾ÑД°Д'Д°Д° ДД҂Д .
479	Petrovsky	45	13.5	N	40	41.0	E	231	85	ДÑД°ÑД½Д¾Д'Д°ÑÑД°Д,Д¹ Д°ÑД°Д¹. ДД»Д¾ÑД°Д'Д°Д° ДД҂Д . ДД°Д³Д½Д,ÑД½

Way Point	Latitude	Longitude	Distance	Bearing
518 Razvyazka	45 13.7 N	37 57.0 E	22	45
21 Anastasiyevskaya	45 14.5 N	37 52.1 E	19	29
704 Voronezhskaya	45 14.5 N	39 33.4 E	143	82
279 Krasnodar-Belevtsy	45 15.0 N	39 4.9 E	106	80
202 Ivanovskaya	45 15.1 N	38 25.9 E	57	71
435 Novotitarovskaya-Azimet	45 15.4 N	38 55.2 E	94	78
163 Geymanovskaya	45 15.6 N	40 11.0 E	192	83
276 Krasniy Oktyabr' 1	45 15.6 N	37 39.6 E	20	340
371 Mirniy 1	45 15.7 N	38 19.9 E	50	67
154 Finogenovskiy	45 16.2 N	39 59.7 E	177	83
669 Ust'-Labinsk	45 16.6 N	39 40.5 E	152	81
541 Ryzdvyaniy	45 16.6 N	41 49.5 E	320	85
464 Otrado-Ol'ginskoye	45 16.7 N	40 55.6 E	250	84
554 Semisvodniy	45 16.9 N	37 57.7 E	27	38
620 Suvorovskaya	45 17.6 N	39 26.7 E	135	80
296 Kugul'ta	45 17.7 N	42 23.3 E	364	85
375 Mishen' VPP	45 17.8 N	38 43.5 E	80	73
316 Lenino	45 17.8 N	35 47.6 E	155	279
649 Trudobelikovskiy	45 17.8 N	38 13.9 E	44	58
260 Komsomol'skiy 1	45 17.8 N	40 40.3 E	230	83
343 Mar'inskiy	45 17.9 N	40 7.6 E	188	82
481 Plastunovskaya	45 18.1 N	39 17.7 E	123	78
635 Temryuk	45 18.2 N	37 19.1 E	41	306
522 Risovy	45 18.2 N	37 54.6 E	27	28
15 Alekseye-Tenginskaya	45 18.6 N	40 17.4 E	201	82
679 Vency	45 19.4 N	40 48.7 E	241	83
575 Simferopol' Oktyabr'skoye	45 19.4 N	34 6.3 E	287	277
595 Sowhoz Kuban'	45 20.1 N	40 24.6 E	210	82
516 Razdol'noye	45 20.3 N	41 18.6 E	280	83
24 Andreyevskaya	45 20.6 N	38 41.9 E	80	69
707 Voyskovoy	45 20.7 N	37 50.5 E	30	14
593 Sovetskiy	45 21.4 N	34 56.5 E	222	279
482 Platnirovskaya	45 21.5 N	39 22.9 E	131	76
310 Ladozhskaya	45 21.6 N	39 57.4 E	176	79
602 Staronizhestebliyevskaya	45 21.9 N	38 24.4 E	60	59
278 Krasnoarmeyskaya	45 22.1 N	38 16.8 E	52	53
50 Baranikovskiy	45 22.1 N	37 59.6 E	37	31
224 Kaspiyskiy	45 22.3 N	47 21.1 E	752	84
233 Kerch'	45 22.4 N	36 24.2 E	110	287
503 Protichka	45 22.5 N	38 6.4 E	43	41
725 Yuzhniy	45 22.9 N	39 51.0 E	168	78

	Way Point	Latitude			Longitude			Distance	Bearing	
706	Vostochnaya	45	22.9	N	39	47.3	E	163	78	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
86	Blagodatnoye	45	24.4	N	42	33.9	E	379	83	ДÑД²ÑД°Ñ ДꞤД»Д³¼ÑД°Д´Д°Д° ДДҰД .
46	Bagerovo	45	24.5	N	36	14.7	E	123	287	Д Д₁Д³¼Д²ДµÑÑД°Д³¼Дµ Д²ÑДµД¹¼Ñ ÑД²Д»ÑД»ÑÑ ÑД ,Д»Д ,Д°Д»Д³¼Д¹¼ ДД³¼ÑД³¼
632	Tbilisskaya	45	25.2	N	40	8.1	E	190	78	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
515	Razdol'naya	45	25.3	N	39	32.4	E	145	75	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
133	Dzhereliyev	45	26.4	N	38	19.7	E	60	49	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
355	Medvedovskaya	45	26.6	N	38	57.6	E	103	67	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
398	Nizhnegorskiy	45	26.6	N	34	42.6	E	241	281	ДÑД²ÑД ,Д¹ Д°ÑÑД³¼ДꞤД³¼ÑÑ ДДД-2.
266	Korenovsk	45	26.7	N	39	25.8	E	137	73	ДДꞤДµÑД°ÑД³¼Ñ: 393-Ñ Д°Д²Д, Д°ÑД, Д³¼Д¹¼Д¹¼Д°Ñ Д±Д°Д-Д° ДДДᵀ Д Д³¼ÑÑД ,Д
715	Wostochny	45	26.8	N	40	15.5	E	200	78	ДÑД°ÑД¹¼Д³¼Д´Д°ÑÑД°Д, Д¹ Д°ÑД°Д¹, Д Д³¼ÑÑД ,Ñ. ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДД
402	Nosachev	45	26.9	N	42	43.7	E	392	82	XXXX[BLAGODATNOE] 1800x80 GR 083-263 +6.5 (KOSM.)
439	Nowobeyugsqaya	45	26.9	N	39	51.1	E	169	76	ДÑД°ÑД¹¼Д³¼Д´Д°ÑÑД°Д, Д¹ Д°ÑД°Д¹, ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДД°Д³Д¹¼Д ,ÑД¹¼
487	Poltawsqaya	45	26.9	N	38	11.8	E	53	41	ДÑД°ÑД¹¼Д³¼Д´Д°ÑÑД°Д, Д¹ Д°ÑД°Д¹, Д Д³¼ÑÑД ,Ñ. ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДД
478	Petrovskaya	45	27.5	N	37	51.5	E	42	12	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
208	Kalininskaya	45	28.3	N	38	36.9	E	80	57	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
634	Temizhbebskiy	45	28.4	N	41	1.5	E	260	79	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
533	Rovenka	45	28.5	N	34	58.3	E	221	282	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДДДД Д¹¼Дµ Д³¼ÑД¹¼Д³¼ÑÑДµД¹¼Д°, ÑД³¼ÑÑД³¼ÑД¹¼Д
290	Krupskoy	45	29.0	N	38	26.8	E	70	51	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
62	Belikov 2	45	29.2	N	37	52.9	E	46	13	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
400	Nizhnyaya Ternovka	45	29.8	N	42	18.0	E	359	81	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
326	Lovlinskaya	45	30.0	N	40	14.1	E	200	76	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
275	Krasniy Gorodok	45	30.3	N	38	8.2	E	55	33	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
372	Mirniy 2	45	30.4	N	39	58.5	E	180	74	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
650	Trunovskoye	45	30.7	N	42	6.2	E	344	81	ДÑД²ÑД ,Д¹ Д°ÑÑД³¼Д´ÑД³¼Д¹¼ ДДД-2.
490	Popovichskaya	45	31.5	N	38	40.1	E	87	56	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
45	Babiche-Korenovskiy	45	31.7	N	39	19.8	E	133	68	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
61	Belikov 1	45	31.9	N	37	56.9	E	52	18	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
711	Vstrechniy	45	32.2	N	41	22.0	E	287	79	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
239	Khmel'nitskaya	45	32.3	N	38	33.2	E	80	51	
652	Tselinny	45	32.6	N	37	56.5	E	53	16	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
103	Cheburgol'	45	32.9	N	38	6.1	E	58	28	ДÑД°ÑД¹¼Д³¼Д´Д°ÑÑД°Д, Д¹ Д°ÑД°Д¹, ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДД°Д³Д¹¼Д ,ÑД¹¼
373	Mirskaya	45	32.9	N	40	19.6	E	208	75	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
130	Dyad'kovskaya	45	33.4	N	39	13.5	E	127	65	ДÑД²ÑД°Ñ ДꞤД»Д³¼ÑД°Д´Д°Д° ДДҰД Ñ Д³ÑÑД¹¼ÑД³¼Д²Д³¼Д¹ ДДД, ДДꞤДµÑД°Ñ
424	Novonikolaevskaya	45	34.0	N	38	21.1	E	71	41	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
685	Verniy	45	34.1	N	41	14.4	E	278	78	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД . ДДДД Д ,Д¹¼ДµДµÑ ÑД°Д-Д¹¼ДµÑД°Ñ.
311	Lebedi 1	45	34.5	N	38	11.8	E	64	33	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
691	Vesyeloye	45	34.7	N	34	16.8	E	277	283	ДÑД²ÑД ,Д¹ Д²Д³¼ДµД¹¼Д¹¼ÑД¹ Д°ÑÑД³¼Д´ÑД³¼Д¹¼ ДД Д₁Д;Д;Д . ДÑДꞤД³¼Д»ÑД-Д
726	Zaboysky	45	35.1	N	38	4.7	E	61	25	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
514	Raduga	45	35.5	N	40	55.2	E	254	76	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
420	Novomalorossiyskaya	45	37.0	N	39	53.4	E	177	70	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .
312	Lebedi 2	45	38.0	N	38	21.0	E	77	38	ДД»Д³¼ÑД°Д´Д°Д° ДДҰД .

	Way Point	Latitude			Longitude			Distance	Bearing	
31	Arkhangel'skaya	45	39.1	N	40	14.2	E	204	71	DD»D¾ÑD°D´D°D° DD¥D .
183	Grivenskaya	45	39.1	N	38	13.2	E	73	30	DD»D¾ÑD°D´D°D° DD¥D . DDD D·D°ÑD¾ÑD»D° D°ÑÑÑD°ÑD½D, D°D¾D¼.
580	Slabodka	45	39.4	N	37	54.5	E	64	11	DD»D¾ÑD°D´D°D° DD¥D .
415	Novokorsunskaya	45	39.7	N	39	10.5	E	128	60	DD»D¾ÑD°D´D°D° DD¥D .
174	Gor'kovskiy	45	40.0	N	41	11.9	E	277	75	DD»D¾ÑD°D´D°D° DD¥D .
182	Greki	45	40.0	N	38	28.7	E	86	41	DD»D¾ÑD°D´D°D° DD¥D .
76	Berkut	45	40.9	N	38	49.3	E	107	51	DD°D·D, ÑD¾D²D°D½D, Dµ DD; D§D£ "DDçD;D "DDµÑD°ÑÑ", DD "DÑÑDµD¼D¾D²
132	Dzhankoy	45	42.0	N	34	25.2	E	269	286	DD;DµÑD°ÑD¾Ñ: DDD; D D¾ÑÑD, D, . DD¾ÑD¾D³ 22 ÑD¼DµÑDµD½D½ÑD¹ D² ÑÑ
199	Ipatovo	45	42.2	N	42	53.2	E	407	79	DD»D¾ÑD°D´D°D° DD¥D .
74	Berezanskaya	45	42.9	N	39	27.2	E	150	62	DD»D¾ÑD°D´D°D° DD¥D .
77	Beysug	45	43.1	N	39	50.9	E	178	66	DD»D¾ÑD°D´D°D° DD¥D .
526	Rogovskaya	45	43.5	N	38	42.3	E	103	46	DD»D¾ÑD°D´D°D° DD¥D .
728	Zalesniy	45	44.7	N	42	16.8	E	361	77	DD»D¾ÑD°D´D°D° DD¥D .
274	Krasnaya Niva	45	44.8	N	39	5.2	E	128	54	DD»D¾ÑD°D´D°D° DD¥D .
14	Alekseevskaya	45	45.2	N	40	8.2	E	200	67	DÑD²ÑD°Ñ D;D»D¾ÑD°D´D°D° DD¥D .
254	Kocherzhinskiy	45	46.0	N	42	53.0	E	408	78	DÑD²ÑD°Ñ D;D»D¾ÑD°D´D°D° DD¥D .
27	Apanasenkovskoe	45	46.1	N	43	33.1	E	459	78	D;ÑD°D²ÑD¾D;D¾D»ÑÑD°D, D¹ D°ÑD°D¹, D D¾ÑÑD, Ñ. DD»D¾ÑD°D´D°D° DD¥D .
210	Kalinovka	45	47.6	N	34	43.4	E	249	289	DÑD¾ÑDµD½D½ÑD¹ D;D¾D»D, D³D¾D½. DDD D, D°ÑÑD¾DÑÑ¾D¼D½D°Ñ D, D¹
98	Bryukhovetskaya	45	48.2	N	38	51.6	E	118	47	DD»D¾ÑD°D´D°D° DD¥D .
709	Voznesenovskoe	45	48.4	N	43	25.7	E	450	78	D;ÑD°D²ÑD¾D;D¾D»ÑÑD°D, D¹ DÑD°D¹, D D¾ÑÑD, Ñ. DD°D³D½D, ÑD¼D¾Dµ ÑD°
465	Otvazhniy	45	48.5	N	39	49.3	E	180	63	DD»D¾ÑD°D´D°D° DD¥D .
57	Baturinskaya	45	48.6	N	39	23.3	E	151	57	DD»D¾ÑD°D´D°D° DD¥D .
413	Novodzhereliyevskaya	45	49.3	N	38	43.4	E	112	43	DD»D¾ÑD°D´D°D° DD¥D .
49	Balkovskaya	45	49.5	N	39	43.4	E	174	61	DD»D¾ÑD°D´D°D° DD¥D .
471	Pereyaslovskaya	45	50.0	N	39	4.6	E	133	51	DD»D¾ÑD°D´D°D° DD¥D .
288	Krasochniy	45	50.2	N	42	30.9	E	381	76	DD»D¾ÑD°D´D°D° DD¥D .
642	Tikhoretsk	45	52.8	N	40	6.3	E	204	64	DD°Ñ.=(400)D¼. DD¾ D»D, D½D, D, DD D Dα 4-Ñ D±ÑD°D². ÑD°D·D·ÑDµD»Ñ "D-
640	Ternovskaya	45	53.3	N	40	22.4	E	223	66	DD»D¾ÑD°D´D°D° DD¥D .
121	Divnoye	45	55.5	N	43	23.7	E	450	76	DD¾DÑD¾DÑ D¾ÑD°ÑÑÑÑDµ. DD¾ÑD°D´D°D° ÑÑÑD¾D³D¾ D½Dµ ÑD°D½DµD
621	Svobodniy	45	56.3	N	38	24.0	E	107	28	DD»D¾ÑD°D´D°D° DD¥D .
151	Fastovetskaya	45	56.5	N	40	8.4	E	209	62	DD»D¾ÑD°D´D°D° DD¥D .
425	Novopavlovka	45	57.2	N	40	58.4	E	269	68	DD»D¾ÑD°D´D°D° DD¥D .
597	Sredniy Chelbas	45	57.4	N	39	38.3	E	176	56	DD»D¾ÑD°D´D°D° DD¥D .
427	Novopokrovskaya	45	59.0	N	40	47.0	E	256	66	DD»D¾ÑD°D´D°D° DD¥D .
6	Akhtarskoye	46	0.0	N	38	13.8	E	108	20	DD»D¾ÑD°D´D°D° DD¥D .
601	Staroleushkovskaya	46	0.9	N	39	46.2	E	188	56	DD»D¾ÑD°D´D°D° DD¥D .
212	Kalnibolotskaya	46	1.3	N	40	21.8	E	228	62	DD»D¾ÑD°D´D°D° DD¥D .
419	Novoleushkovskaya	46	1.6	N	39	58.5	E	202	58	DD»D¾ÑD°D´D°D° DD¥D .
598	Sredniye Chelbasy	46	1.8	N	39	7.3	E	150	45	DD»D¾ÑD°D´D°D° DD¥D .
179	Gorodovikovsk	46	3.5	N	41	53.2	E	340	70	
497	Primorsko-Akhtarsk	46	3.6	N	38	14.4	E	115	19	DD;DµÑD°ÑD¾Ñ: DDD; D D¾ÑÑD, D, . D;D¾D²D¼DµÑÑD½D¾D³D¾ D±D°D·D, ÑD¾

Way Point		Latitude			Longitude			Distance	Bearing	
216	Kamyzyak	46	4.1	N	48	5.3	E	812	79	ДД;ДмНД°НД³⁴Н: Д½ДмН Д´Д°Д½Д½НН.
218	Kanevskaya	46	4.6	N	38	52.3	E	140	38	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
292	Krylovskaya	46	5.0	N	39	18.0	E	164	47	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
95	Borodinskaya	46	5.6	N	38	14.1	E	118	18	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д .
247	Kiyevka	46	6.2	N	42	55.6	E	418	72	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
749	Zhukovskoye	46	8.1	N	41	18.4	E	300	66	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
469	Pavlovskaya	46	10.2	N	39	47.3	E	199	52	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д . ДД½Д, Д¼Д°Д¼Д, Дμ: ДДДД Д·Д°НННД³⁴ДμД¼Д°!
687	Veselaya	46	11.1	N	40	8.9	E	223	56	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
741	Zelenga	46	11.2	N	48	36.6	E	853	78	ДНД²НД°Д¹ Д°НННД³⁴Д´НД³⁴Д¼ ДДД-2. ДД°Н.= (150)Д¼. ДННН·Д³⁴Д¼Д°Д;НННДД
474	Peschanokopskoye	46	12.2	N	41	9.5	E	293	64	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
434	Novostepnoy	46	12.2	N	40	49.9	E	270	62	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
548	Sandata	46	12.6	N	41	36.9	E	325	66	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д . ДД»Н Д;Д³⁴НД°Д´Д°Д, Д½Дμ Д;НД, Д³Д³⁴Д´Д¼Д°.
160	Genichesk	46	12.6	N	34	45.9	E	263	299	ДД³⁴НННД³⁴ДμД½ Д´Д³⁴ Д½Д°НД°Д»Д° ДДД. ДД»Д, НН ДДДД, Д Д, ДД Д Д, ДД
54	Basy	46	12.8	N	46	56.8	E	725	77	
289	Krupskiy	46	12.9	N	41	50.3	E	342	67	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д .
517	Razvil'naya	46	13.0	N	41	17.4	E	303	64	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
79	Bicheviy	46	13.6	N	39	36.0	E	192	48	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
483	Ploskaya	46	14.9	N	40	38.6	E	259	59	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д .
410	Novoderevyankovskaya	46	16.1	N	38	43.6	E	152	30	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д .
422	Novominskaya	46	16.6	N	39	2.7	E	166	37	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
41	Astrakhan'	46	17.0	N	48	0.4	E	807	77	ДДД Д:650-"GV", ДДД Д:315-"G" Н ДД=089А°.
461	Osypony Bugor	46	17.2	N	48	3.9	E	812	77	ДД;ДμНД°НД³⁴Н: ДННННД°НД°Д½НД°Д, Д¹ Д³⁴Д±Д»Д°НННД½Д³⁴Д¹ ДД;Д ДДД;ДД
226	Kavalerskiy	46	19.1	N	40	26.2	E	250	56	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д . Д Д½. Д² ДДДД Д¼Д°Д;Д³⁴Д»Д³⁴Д²Д, Д½Н
314	Leningradskaya 1	46	19.4	N	39	20.2	E	185	41	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д . ДД³⁴НД°Д´Д°Д° Д½ДμД²Д³⁴Д·Д¼Д³⁴ДДД½Д°.
647	Tri Protoka	46	19.5	N	48	9.2	E	819	77	XRABДНННД³⁴НД, НДμНД°Д, Дμ НД°Д·Д¼ДμНН ДДДД 1200x300Д¼. ДД°Н.= (300)Д¹
185	Gromovka	46	19.8	N	34	5.5	E	316	297	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д . Д;Д³⁴НННД³⁴НД½Д, Дμ ДДДД Д½Дμ Д, Д·Д²
349	Mayak	46	21.2	N	41	41.9	E	337	64	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д . ДДДД Д¼Д°Д;Д³⁴Д»Д³⁴Д²Д, Д½Н НД½Д, Н
406	Noviy Egorlyk	46	22.4	N	41	56.3	E	355	65	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
141	Elista	46	22.4	N	44	19.9	E	530	72	
325	Lopanka	46	22.5	N	40	59.9	E	290	59	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
315	Leningradskaya 2	46	22.8	N	39	18.7	E	188	40	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
374	Mishennoye pole	46	23.4	N	39	26.1	E	195	42	ДД;ДμНД°НД³⁴Н: Д²/Н 40911. Д;ДμД½НН Д¼Д, НДμД½Д½Д³⁴Д¹ Д³⁴Д±НННД°Д½Д³⁴
324	Lobova Balka	46	23.4	N	40	9.8	E	237	51	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
719	Yasenskaya	46	23.5	N	38	17.2	E	151	16	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
40	Astrakhan' Privolzhsky	46	23.9	N	47	53.6	E	800	76	ДД°Н.= (600)Д¼. ДД³⁴Д¼ДμНД° Д;Д³⁴НД³⁴Д³⁴Д² ДДДД Д´Д³⁴Д»ДД½Н Д±НННН:
579	Sivashskoye	46	23.9	N	34	32.6	E	288	302	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д . ДНД;Д³⁴Д»НД·НДμННН Д´Д»Н ДД҂Д .
543	Sal'sk 1	46	24.9	N	41	31.1	E	328	62	Д Д³⁴НННД³⁴Д²НД°Д°Н Д³⁴Д±Д»Д°ННН, Д Д³⁴ННН, Н. ДД°Н.= (150)Д¼, ДДД Д;:1195
527	Rogovskiy	46	25.6	N	40	42.7	E	274	56	ДНД²НД°Н Д;Д»Д³⁴НД°Д´Д°Д° ДД҂Д . ДД»Н Д;Д³⁴НД°Д´Д°Д, Д½Дμ Д;НД, Д³Д³⁴
445	Odessa	46	25.6	N	30	40.7	E	568	288	
745	Zheltyye Kopani	46	25.6	N	38	55.6	E	175	31	ДД»Д³⁴НД°Д´Д°Д° ДД҂Д .
38	Askaniya-Nova	46	26.7	N	33	53.1	E	335	298	ДНД²НД°Н Д;Д³⁴Д»Д³⁴НД° ДДД-2. ДД°НД³⁴Д´Д, ННН Д² Д·Д°Д;НДμНД½Д³⁴Д¹ Д·

	Way Point	Latitude			Longitude			Distance	Bearing	
544	Sal'sk 2	46	27.4	N	41	29.0	E	327	61	ДД;ДμЊД°ЊД³Њ: Д½ДμЊ Д'Д°Д½Д½ЊЊ. ДЊД²ЊД, Д¹ Д°ЊЊД³Д ЊД³Д¼ ДДД-2.
142	Elista Troitskoe	46	27.4	N	44	12.6	E	524	71	
262	Konezavod imeni Kirova	46	27.8	N	40	50.4	E	284	56	ДД»Д³ЊД°Д'Д°Д° ДД҂Д . ДД°ЊД°Д, ЊД³Д²Д°Д½Д° Д±ДμД»Д³Д¹ Д°ЊД°ЊД°Д³Д
447	Oktyabr'skiy	46	27.8	N	38	17.2	E	159	15	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
215	Kamyshevatskaya	46	27.9	N	37	57.4	E	154	6	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
581	Slavyane	46	27.9	N	41	17.9	E	315	60	ДД»Д³ЊД°Д'Д°Д° ДД҂Д . ДД°Д·Д, ЊЊЊЊЊЊ ДД; ДД½-2 ДДД "Д;Д»Д°Д²ЊД½Дμ".
251	Klyuchevoy	46	28.2	N	39	51.9	E	225	46	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д
736	Zarya	46	28.9	N	38	8.1	E	158	11	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
109	Chkalovo	46	28.9	N	34	8.2	E	320	300	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д . Д;Д³ЊЊД³ЊЊ½Д, Дμ ДДД Д½Дμ Д, Д·Д²Д
114	Davydovka	46	30.1	N	35	9.4	E	255	309	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
407	Noviy Manych	46	31.2	N	41	46.0	E	350	61	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
421	Novomikhaylovskoye	46	31.8	N	39	49.7	E	227	44	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
166	Gigant	46	32.0	N	41	22.7	E	324	59	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
304	Kushchevskaya	46	32.4	N	39	32.9	E	213	40	ДД;ДμЊД°ЊД³Њ: ДДД; Д Д³ЊЊД, Д, ДД°Њ.(600)Д¼. ДД, ЊД»Д³ЊД, ЊЊДμЊЊЊ 7
520	Remontnoye	46	32.7	N	43	38.7	E	485	68	ДД°Њ.= (500)Д¼. ДД; Д Д³ 35 ЊД³Д½Д½. ДДД Д;: 1260-"Д Д".
404	Novaya Tselina	46	33.2	N	41	3.6	E	304	56	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
217	Kanelovskaya	46	33.6	N	39	10.8	E	198	34	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
136	Egorlykskaya	46	34.5	N	40	35.4	E	275	52	ДД;ДμЊД°ЊД³Њ: ДДД; Д Д³ЊЊД, Д, ДДД Д;: 949-Д±Д/Д;Д, ДДД Д;: 475-Д±Д/Д, Д
259	Komsomolets	46	34.9	N	38	13.6	E	170	12	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
682	Verkhneyaninskiy	46	35.6	N	41	30.6	E	336	59	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
126	Dolzanskaya	46	36.5	N	37	55.4	E	170	5	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
297	Kukharivka	46	36.9	N	38	4.4	E	172	8	ДЊД²ЊД, Д¹ Д;Д³Д»ДμД²Д³Д¹ Д°ЊЊД³Д'ЊД³Д¼ ДД¹ЊД°Д³Д³Д ДДДДД.
190	Gulyay-Borisovka	46	38.6	N	40	9.7	E	255	46	Д Д³ЊЊД³Д²ЊД°Д°Њ Д³Д±Д»Д°ЊЊЊ. ДД»Д³ЊД°Д'Д°Д° ДД҂Д . ДД°Д³Д¼Д, ЊД
722	Yulovskiy	46	40.0	N	41	11.3	E	319	55	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д . Д Д½.Д². Д;Д³Д»Д½Д³ЊЊЊ Д·Д°ЊД³Њ
137	Eiysk	46	40.7	N	38	12.7	E	181	11	ДД;ДμЊД°ЊД³Њ: ДДД± Д Д³ЊЊД, Д, Д;Д³Д²Д¼ДμЊЊД½Д³Д³Д³ Д±Д°Д·Д, ЊД
362	Mikhaylovka 2	46	41.6	N	41	0.2	E	309	54	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
203	Iwanowqa	46	41.9	N	34	32.5	E	306	307	ДЊД²ЊД, Д¹ ДД҂Д . ДД°Д½Д½ЊДμ Д³ ЊД³ЊЊД³ЊД½Д, Д, Д;Д³Д»Д³ЊЊ Д³ЊЊ
8	Akimovka	46	42.6	N	35	8.7	E	270	313	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
486	Poltavskiy	46	42.7	N	39	44.9	E	238	40	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
139	Ekaterinovka	46	43.5	N	38	45.6	E	198	23	ДЊД°ЊД½Д³Д'Д°ЊД°Д, Д¹ ДЊД°Д¹, Д Д³ЊЊД, Њ. ДД»Д³ЊД°Д'Д°Д° ДД҂Д . ДД
354	Mechetinskaya	46	43.6	N	40	24.7	E	275	48	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
498	Primorsk	46	44.6	N	36	19.7	E	214	330	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .
494	Priazovskoe	46	45.1	N	35	38.1	E	247	319	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д . Д Д;Д³Д»ДμЊД°Д¼ Д³Д³ЊД³Д²Д°, Д;Д³
504	Prudowoy	46	45.4	N	40	11.1	E	264	45	Д Д³ЊЊД³Д²ЊД°Д°Њ Д³Д±Д»Д°ЊЊЊ, Д Д³ЊЊД, Њ. ДД»Д³ЊД°Д'Д°Д° ДД҂Д . ДД
617	Suprun	46	45.8	N	41	23.6	E	338	55	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
496	Primanychskiy	46	47.1	N	41	39.3	E	356	57	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
12	Aleksandrovka	46	48.6	N	39	1.1	E	215	27	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
68	Belozyerniy	46	48.8	N	41	19.9	E	337	54	ДЊД²ЊД°Њ Д;Д»Д³ЊД°Д'Д°Д° ДД҂Д .
72	Berdyansk	46	48.9	N	36	45.5	E	207	339	ДЊД²ЊД, Д¹ Д²Д³ДμД½Д½ЊД¹ Д°ЊЊД³Д'ЊД³Д¼ ДД Д;Д;Д;Д . ДД° ЊДμЊЊД, ЊД
408	Noviy Mir	46	49.2	N	39	24.1	E	231	33	ДД;ДμЊД°ЊД³Њ: ДДД "ДДД ДДД Д Д". ДД Д³Д±ЊЊЊД³ДμД½Д° Д½Д° Д±
610	Stepnoye	46	49.3	N	35	2.2	E	285	314	ДД»Д³ЊД°Д'Д°Д° ДД҂Д .

	Way Point	Latitude			Longitude			Distance	Bearing	
330	Luganskiy	46	49.5	N	42	5.2	E	387	59	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
744	Zernograd	46	50.2	N	40	22.8	E	281	45	ДД°Н.=(600)Д¼. ДДД Д:445-"ДД/Д Д", ДДД Д:930-"Д/Д ".
122	Dmitrovka	46	50.4	N	36	35.2	E	214	336	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДДД НД, Д»НД½Д³⁄₄ Д·Д°НД³⁄₄НД»Д°.
409	Novobataysk	46	50.6	N	39	45.7	E	250	38	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
399	Nizhnie Serogozy	46	51.3	N	34	24.9	E	324	309	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДД°Д½Д½НДμ Д³⁄₄ НД³⁄₄ННД³⁄₄НД½Д, Д, Д
128	Donskoy	46	51.4	N	40	34.0	E	293	47	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
169	Golovanovka	46	51.4	N	40	58.0	E	317	51	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
206	Kagal'nitskaya	46	51.6	N	40	9.7	E	271	43	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
357	Melitopol'	46	52.8	N	35	18.1	E	275	317	ДДᵢДμНД°НД³⁄₄Н: 25-Н ННД°Д½НДᵢД³⁄₄ННД½Д°Н Д°Д²Д, Д°Д±НД, Д³Д°Д'Д° Д½Д
170	Golubovka	46	53.6	N	40	46.4	E	308	48	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
48	Balkash	46	53.6	N	75	0.3	E	2858	73	
286	Krasnyukov	46	54.1	N	40	54.5	E	317	49	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
261	Komsomol'skiy 2	46	55.2	N	40	21.2	E	286	44	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
627	Tal'niki	46	55.3	N	41	13.7	E	337	52	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
491	Popov	46	55.6	N	40	37.9	E	302	46	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
144	Elizavetovka 1	46	56.6	N	34	51.2	E	304	314	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДНД, Д·Д°НД³⁄₄Д'Дμ Н ДД=078Â° Д, Д¼Дμ
569	Shirokoye	46	56.8	N	34	54.8	E	301	314	
145	Elizavetovka 2	46	56.8	N	36	22.9	E	232	333	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДᵢД³⁄₄ННД³⁄₄НД½Д, Дμ ДДД Д½Дμ Д, Д·Д²Д
475	Peshkovo	46	57.0	N	39	20.7	E	241	30	ДДᵢДμНД°НД³⁄₄Н: НД, Д·Д, НДμНД°Д³⁄₄Дμ Д»Д, НД³⁄₄ ДДД. ДНД²НД°Н ДᵢД»Д³⁄₄НД°
641	Terpen'ye	46	58.5	N	35	22.8	E	278	320	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
748	Zhukovo-Tatarskiy	46	59.0	N	40	17.5	E	288	42	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
537	Rubanovka	46	59.7	N	34	8.1	E	350	309	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДД°Д½Д½НДμ Д³⁄₄ НД³⁄₄ННД³⁄₄НД½Д, Д, Д
716	Xar'qowsky	46	59.7	N	41	29.6	E	358	52	Д Д³⁄₄ННД³⁄₄Д²НД°Д°Н Д³⁄₄Д±Д».
739	Zavolzh'ye	47	1.1	N	47	38.8	E	793	71	ДДᵢДμНД°НД³⁄₄Н: Д½ДμН Д'Д°Д½Д½НН. ДДДД Д¼Д°НД°Д, НД³⁄₄Д²Д°Д½Д° Д'Дμ
277	Krasniy Oktyabr' 2	47	1.4	N	40	58.4	E	329	48	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
689	Veseloeye 1	47	2.2	N	34	54.7	E	308	316	
436	Novouspenovka	47	2.4	N	35	2.4	E	301	317	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД . ДД°Д½Д½НДμ Д³⁄₄ НД³⁄₄ННД³⁄₄НД½Д, Д, Д
594	Sovkhoz imeni Vil'yamsa	47	2.4	N	40	0.1	E	278	38	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД . Д Д'Д³⁄₄Д»Н ДДД НННД°Д½Д³⁄₄Д²Д»ДμД½Н НННД³⁄₄Д»Д
468	Pavlovka	47	2.4	N	39	29.8	E	255	31	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
111	Chqalowo	47	2.7	N	34	42.2	E	320	314	ДНД²НД, Д¹ ДДҰД . ДД°Д½Д½НДμ Д³⁄₄ НД³⁄₄ННД³⁄₄НД½Д, Д, ДᵢД³⁄₄Д»Д³⁄₄НН Д³⁄₄НН
590	Sorgoviy	47	2.7	N	40	21.5	E	296	42	ДД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
387	Mykolaiv	47	3.5	N	31	55.2	E	500	298	
614	Sukhoy	47	4.5	N	41	21.2	E	355	50	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
342	Mangush	47	4.5	N	37	18.4	E	224	351	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
353	Mayorka	47	4.5	N	42	1.1	E	396	55	ДД»Д°Д'ДμД»ДμН ДД: НД, Д·Д, НДμНД°Д³⁄₄Дμ Д»Д, НД³⁄₄ ДДД.
344	Mariupol	47	4.6	N	37	27.0	E	222	354	
345	Mariupol'	47	4.6	N	37	27.0	E	222	354	Д Д°Д½ДμДμ Д±НД» НД³⁄₄Д²Д¼ДμННД½Д³⁄₄Д³Д³⁄₄ Д±Д°Д·Д, НД³⁄₄Д²Д°Д½Д, Н. Д'Д
589	Solyeniy	47	4.9	N	41	13.5	E	348	49	ДНД²НД°Н ДᵢД»Д³⁄₄НД°Д'Д°Д° ДДҰД .
44	Azov	47	5.1	N	39	24.4	E	256	29	ДДᵢДμНД°НД³⁄₄Н: Д½ДμН Д'Д°Д½Д½НН.
441	Nowoniqolaewqa	47	6.0	N	35	42.1	E	274	326	
440	Nowobogdanowqa	47	6.3	N	35	16.3	E	295	320	

	Way Point	Latitude	Longitude	Distance	Bearing	
89	Bogdanovka	47 6.5 N	36 1.5 E	261	330	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
23	Andreyevka	47 6.5 N	36 37.7 E	241	339	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑÑ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
55	Bataysk	47 6.9 N	39 47.8 E	275	34	ДД°Ñ.=(600)Д¹⁄₄.
42	Atyrau	47 7.3 N	51 49.3 E	1107	73	
737	Zavetnoye	47 7.4 N	43 55.8 E	527	62	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄Д´ÑД³⁄₄Д¹⁄₄ ДДД-2. ДД°Ñ.=(200)Д¹⁄₄. ДДД Дᵢ:1050-"ДҫД«".
73	Berestovoye	47 7.8 N	36 45.3 E	240	342	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
751	Zimovniki	47 8.4 N	42 23.7 E	425	56	ДÑД²ÑД, Д¹ ÑД, Д»Д, Д°Д» ДᵢÑД°Д²ÑД³⁄₄ДᵢД³⁄₄Д»ÑÑД°Д³⁄₄Д³⁄₄ ДДДД£Д".
750	Zimovniki MVL	47 8.5 N	42 29.4 E	431	56	
677	Velikaya Lepetikha	47 9.0 N	33 56.8 E	372	309	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДÑДᵢД³⁄₄Д»ÑД.ÑДµÑÑÑÑ ÑДµД.Д³⁄₄Д¹⁄₂Д¹⁄₂Д³⁄₄ Д´Д»Ñ ДД
258	Kominternovo	47 10.3 N	37 47.7 E	232	1	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
429	Novosadkovskiy	47 10.6 N	41 17.9 E	359	48	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
530	Rostov-na-Donu Dugino	47 10.8 N	39 25.6 E	266	28	ДДᵢДµÑД°ÑД³⁄₄Ñ: Д¹⁄₂ДµÑ Д´Д°Д¹⁄₂Д¹⁄₂ÑÑ. ДДД Д.Д°ÑДµД³Д, ÑÑÑД, ÑД³⁄₄Д²Д°Д¹⁄₂Д
684	Verkhniy Tokmak	47 11.6 N	36 21.1 E	258	336	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
624	Taganrog Yuzhny	47 11.9 N	38 51.0 E	250	19	ДДᵢДµÑД°ÑД³⁄₄Ñ: ДҫД°Д³Д°Д¹⁄₂ÑД³⁄₄Д³⁄₄Д³⁄₄, Д¹ ДДДҫД Д, Д¹⁄₄. Д.Д.ДДµÑД, ДµД²Д°
449	Ol'ginskaya	47 11.9 N	39 57.1 E	290	35	ДДᵢДµÑД°ÑД³⁄₄Ñ: ДДД ДҫДД; Â«ДД, Д.Д¹⁄₂ДµÑ-ДД ДҫÂ». ДД°Ñ.=(200)Д¹⁄₄. ДÑДµ Ñ
536	Rozy Lyuksemburg	47 12.6 N	38 4.5 E	237	6	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД»Ñ ДᵢД³⁄₄ÑД°Д´Д°Д, Д¹⁄₂Дµ ДᵢÑД, Д³Д³⁄₄
36	Arpachin	47 13.6 N	40 8.7 E	301	37	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
361	Mikhaylovka 1	47 13.6 N	35 10.8 E	309	321	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
148	Enotayevka	47 14.7 N	47 0.2 E	751	68	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄Д´ÑД³⁄₄Д¹⁄₄ ДДД-2. ДÑД» Д³⁄₄Д±Д³⁄₄ÑÑД´Д³⁄₄Д²Д°Д¹⁄₂ ДДД Дᵢ;
67	Belozеровка Zapadnaya	47 14.7 N	34 35.6 E	341	316	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
623	Taganrog Tsentral'niy	47 14.8 N	38 50.4 E	254	19	ДДᵢДµÑД°ÑД³⁄₄Ñ: ДДД Д³⁄₄ÑÑД, Д, ДД, ÑД»Д³⁄₄ÑД, ÑÑДµÑÑÑÑ 708-Д¹ ДДҫДДД61
66	Belozеровка Vostochnaya	47 15.3 N	34 50.6 E	329	318	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
531	Rostov-na-Donu Severniy	47 15.5 N	39 43.7 E	285	32	ДД»Д°ÑÑ: "Д".
528	Rostov-na-Donu 1	47 15.5 N	39 49.1 E	289	33	ДД°Ñ.=(600-900)Д¹⁄₄.
529	Rostov-na-Donu 2	47 15.5 N	39 49.1 E	289	33	
459	Ostrikovka	47 15.6 N	35 53.5 E	281	330	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
714	Werxniy Rogacheq	47 15.8 N	34 21.2 E	356	314	ДÑД²ÑД, Д¹ ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДᵢД³⁄₄Д»Д³⁄₄ÑÑ Д³⁄₄ÑÑ
567	Shevchenkovo	47 15.9 N	37 57.3 E	243	4	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
338	Malaya Belozерка	47 16.1 N	34 57.8 E	324	320	ДД°ДᵢД³⁄₄ÑД³⁄₄ДµÑД°Д´Д°Д° Д³⁄₄Д±Д»Д°ÑÑÑ, Д£Д°ÑД°Д, Д¹⁄₂Д° . ДД»Д³⁄₄ÑД°Д´Д°Д° Д
65	Belozерка	47 16.5 N	34 47.7 E	333	318	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДДД ÑД, Д»ÑД¹⁄₂Д³⁄₄ Д.Д°ÑД³⁄₄ÑД»Д° .
532	Rostov-na-Donu Tsentral'niy	47 16.6 N	39 38.2 E	284	30	ДД°Ñ.=(600)Д¹⁄₄.
701	Volodarskoye	47 17.2 N	37 10.8 E	248	350	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
643	Tokmak	47 17.3 N	35 43.1 E	290	328	ДДµÑД³⁄₄Д¹⁄₂Д¹⁄₂Д³⁄₄Дµ ДᵢД³⁄₄Д»ÑÑÑД, Дµ Д´ДµД¹⁄₄Д³⁄₄Д¹⁄₂Д, ÑД³⁄₄Д²Д°Д¹⁄₂Д³⁄₄. ДД³⁄₄
752	Zolotaryevka	47 18.5 N	41 3.7 E	355	45	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
693	Vishnevoye	47 19.0 N	35 33.2 E	300	327	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
566	Shchedriy	47 19.4 N	39 26.9 E	281	27	ДДᵢДµÑД°ÑД³⁄₄Ñ: ДДД "ДД³⁄₄Д»ДµÑ". ДД Д.Д°ÑДµД³Д, ÑÑÑД, ÑД³⁄₄Д²Д°Д¹⁄₂Д° 15.0
238	Khimik	47 20.8 N	35 8.6 E	321	322	ДÑД²ÑД°Ñ ДᵢД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
622	Svobodnoye	47 21.8 N	38 2.7 E	254	5	ДД»Д³⁄₄ÑД°Д´Д°Д° ДДҰД .
306	Kuybyshevo	47 21.9 N	36 41.1 E	266	342	ДÑД²ÑД, Д¹ Д°ÑÑД³⁄₄Д´ÑД³⁄₄Д¹⁄₄ ДДД-2. ДД°Д¹⁄₂Д¹⁄₂ÑÑ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДД
100	Burchaq	47 22.6 N	35 20.3 E	315	325	ДÑД²ÑД, Д¹ ДДҰД . ДД°Д¹⁄₂Д¹⁄₂ÑДµ Д³⁄₄ ÑД³⁄₄ÑÑД³⁄₄ÑД¹⁄₂Д, Д, ДᵢД³⁄₄Д»Д³⁄₄ÑÑ Д³⁄₄ÑÑ
676	Vasil'yevka	47 22.7 N	35 14.0 E	320	324	

	Way Point	Latitude			Longitude			Distance	Bearing	
485	Pokrovskoye	47	22.8	N	38	55.6	E	271	19	ÐÐ»Ð¼ÑÐ°Ð´Ð°Ð° ÐÐ¥Ð .
93	Bol'shiye Saly	47	23.1	N	39	37.8	E	294	29	ÐÑÐ²ÑÐ°Ñ Ð¿Ð»Ð¼ÑÐ°Ð´Ð°Ð° ÐÐ¥Ð . ÐÐ¼Ð»ÑÑÐµ Ð½ÐµÑÑÑÐµÑÑÑÐµÑÑ . ÐÐ
535	Rozovka	47	23.5	N	37	2.9	E	262	348	ÐÑÐ²ÑÐ°Ñ Ð¿Ð»Ð¼ÑÐ°Ð´Ð°Ð° ÐÐ¥Ð .
630	Tarasovka	47	24.0	N	36	6.5	E	286	334	ÐÐ»Ð¼ÑÐ°Ð´Ð°Ð° ÐÐ¥Ð .
747	Zhezkazgan	47	42.5	N	67	44.4	E	2304	72	
732	Zaporozhye Mokra	47	52.0	N	35	19.0	E	361	330	
294	Kryvyi Rih Lozov	48	2.6	N	33	12.6	E	478	315	
127	Donetsk	48	4.4	N	37	44.4	E	332	360	
105	Chernivtsi Ukrai	48	15.6	N	25	58.9	E	963	296	
124	Dnipropetrovsk	48	21.4	N	35	6.0	E	416	332	
112	Cybulevka	48	24.0	N	29	10.8	E	749	303	
291	Krygopol	48	24.7	N	28	54.0	E	768	302	
331	Luhans K Ukraine	48	25.1	N	39	22.6	E	390	18	
223	Karpov	48	29.6	N	27	54.3	E	839	300	
412	Novodn	48	36.0	N	27	27.5	E	874	300	
680	Vendichany	48	37.7	N	27	47.2	E	853	301	
671	Uzhgorod	48	38.1	N	22	15.9	E	1239	294	
654	Tulchin	48	40.4	N	28	51.8	E	783	304	
723	Yurkovka	48	41.5	N	28	36.0	E	802	303	
565	Shargorod	48	44.0	N	28	5.2	E	838	302	
699	Volgograd Gumrak	48	46.9	N	44	20.8	E	647	48	
570	Shpikov	48	47.3	N	28	34.2	E	809	304	
360	Mihailovka	48	48.0	N	28	19.0	E	826	303	
201	Ivano Frankivsk	48	53.0	N	24	41.2	E	1075	298	
264	Kopay	48	53.2	N	27	45.5	E	867	303	
659	Tyvrov	49	0.9	N	28	30.1	E	825	305	
558	Severinovka	49	2.3	N	27	57.0	E	861	304	
619	Sutiski	49	4.0	N	28	26.5	E	831	305	
700	Volkov	49	13.5	N	27	40.0	E	889	305	
692	Vinnitsa	49	14.0	N	28	36.0	E	830	307	
489	Popelna	49	16.3	N	29	25.0	E	782	309	
131	Dyakov	49	23.1	N	27	55.7	E	881	306	
319	Letichev	49	24.9	N	27	37.7	E	902	306	
104	Cherkasy	49	24.9	N	31	59.7	E	648	320	
639	Ternopil	49	31.5	N	25	42.0	E	1032	303	
195	Hmelnik	49	34.0	N	27	58.6	E	888	308	
328	Lozna	49	37.0	N	28	14.0	E	875	309	
219	Karaganda	49	40.2	N	73	20.1	E	2701	66	
333	L'viv Ukraine	49	48.8	N	23	57.4	E	1160	302	
107	Chernorudka	49	51.0	N	29	3.5	E	840	312	
235	Kharkiv Osnova U	49	55.5	N	36	17.5	E	549	349	

	Way Point	Latitude			Longitude			Distance	Bearing
678	Velykyi Bratalov	49	58.5	N	27	57.7	E	913	310
75	Bereznov	50	0.8	N	26	46.5	E	988	308
329	Lubimovka	50	2.5	N	29	15.8	E	841	314
735	Zarubinci	50	4.2	N	29	9.7	E	849	314
381	Mokievcy	50	4.8	N	27	3.2	E	974	309
730	Zaluzhnoye	50	14.2	N	27	58.0	E	929	312
9	Aktyubinsk	50	14.8	N	57	12.4	E	1560	61
51	Baranovka	50	16.8	N	27	39.8	E	949	311
178	Gorodnyavka	50	18.4	N	27	16.9	E	973	310
458	Osovcy	50	20.0	N	29	28.3	E	850	316
308	Kyiv Boryspil	50	20.7	N	30	53.6	E	777	321
119	Dibrova	50	21.7	N	27	23.0	E	971	311
253	Kocherov	50	21.9	N	29	20.7	E	859	316
702	Voloskovcy	50	23.0	N	26	36.5	E	1018	309
377	Mizoch	50	23.2	N	26	10.5	E	1045	308
101	Buzovaya	50	24.1	N	30	3.3	E	824	319
309	Kyiv Zhuliany	50	24.1	N	30	27.1	E	804	320
378	Mogilany	50	25.6	N	26	32.1	E	1025	309
192	Gurovshina	50	26.0	N	30	4.2	E	826	319
25	Annopol	50	27.0	N	26	53.2	E	1006	310
118	Devochki	50	27.5	N	28	45.1	E	898	315
300	Kurnoe	50	28.6	N	28	3.6	E	938	313
513	Radomyhl	50	30.0	N	29	14.8	E	874	317
646	Toporishe	50	33.1	N	28	39.1	E	910	315
618	Susly	50	33.2	N	27	34.2	E	972	312
22	Andreevka	50	33.3	N	29	49.9	E	847	319
731	Zanki	50	35.2	N	29	2.1	E	892	316
307	Kyiv Antonov Ukr	50	36.0	N	30	11.6	E	832	320
523	Rivne Ukraine	50	36.5	N	26	8.6	E	1060	310
492	Potievka	50	36.8	N	28	56.5	E	898	316
115	Dedovichi	50	36.8	N	27	22.0	E	987	312
265	Korec	50	37.2	N	27	9.2	E	1000	312
414	Novogradv	50	37.3	N	27	37.5	E	973	313
60	Belgorod	50	38.6	N	36	35.5	E	624	352
359	Migalki	50	39.9	N	29	32.8	E	870	318
108	Chigovka	50	40.0	N	27	37.0	E	976	313
596	Spartak	50	40.6	N	29	44.0	E	861	319
705	Voronov	50	41.7	N	26	42.1	E	1031	311
391	N Borovaya	50	41.9	N	28	36.8	E	922	316
519	Rehuck	50	43.5	N	26	19.7	E	1055	311
339	Malin	50	45.9	N	29	13.4	E	894	318

	Way Point	Latitude			Longitude			Distance	Bearing
113	Cyman	50	46.2	N	25	51.5	E	1086	310
177	Gorodnica	50	48.0	N	27	18.7	E	1002	313
110	Chopovichi	50	48.5	N	28	58.1	E	911	317
246	Kivercy	50	50.3	N	25	26.7	E	1115	309
552	Semakovka	50	51.0	N	28	3.0	E	964	315
393	Nedahki	50	58.9	N	29	12.7	E	911	319
638	Termahovka	51	0.7	N	29	41.7	E	889	321
39	Astana	51	1.3	N	71	28.0	E	2567	63
457	Orsk Russia-Uw	51	4.3	N	58	35.8	E	1678	59
666	Uralsk	51	9.1	N	51	32.7	E	1223	52
442	Nozdrihe	51	15.5	N	29	9.3	E	935	320
448	Olevsk	51	16.0	N	27	40.0	E	1014	316
609	Stepan	51	17.8	N	26	18.8	E	1091	313
668	Usovo	51	20.5	N	28	7.8	E	994	318
587	Solncevo	51	24.3	N	36	47.0	E	706	355
713	Vystupovichi	51	32.7	N	29	1.0	E	964	321
303	Kurya	51	35.2	N	82	18.2	E	3317	61
538	Rubtsovsk	51	35.6	N	81	12.2	E	3241	61
588	Soloneshnoye	51	38.8	N	84	18.0	E	3454	61
301	Kursk Russia	51	45.1	N	36	17.8	E	749	352
437	Novoyegoryevskoy	51	47.6	N	80	55.0	E	3220	61
703	Voronezh Chertov	51	48.9	N	39	13.8	E	756	8
175	Gorno Altaysk	51	58.2	N	85	50.1	E	3554	60
397	Nizhme Kamenka	52	0.7	N	85	21.7	E	3521	60
125	Dolgoe	52	4.0	N	37	32.9	E	776	359
477	Petropavlovskoye	52	5.0	N	84	5.4	E	3434	60
152	Fatej 0	52	5.0	N	35	52.1	E	790	351
269	Kosorzha	52	5.8	N	36	45.3	E	783	355
96	Brest3	52	6.5	N	23	53.9	E	1280	313
637	Terbuny	52	9.0	N	38	18.0	E	786	3
710	Vozy 00	52	12.8	N	36	18.0	E	799	353
256	Kolpny	52	13.0	N	37	3.0	E	794	357
488	Ponyri	52	19.0	N	36	19.2	E	811	353
323	Livny	52	24.0	N	37	32.5	E	813	359
340	Malo Arhangel Sk	52	24.3	N	36	30.2	E	819	354
85	Biysk Southeast	52	28.4	N	85	20.4	E	3514	59
30	Arharovo	52	28.4	N	36	42.6	E	825	355
106	Chernodie	52	29.0	N	35	45.9	E	835	351
129	Droskovo	52	29.6	N	37	5.3	E	825	357
90	Bogorodskoe	52	29.8	N	36	3.0	E	833	352
171	Gomel	52	31.6	N	31	1.1	E	962	332

	Way Point	Latitude			Longitude			Distance	Bearing
138	Ekaterinovka 1	52	34.5	N	38	41.4	E	835	4
13	Alekseevka	52	35.0	N	36	37.3	E	838	355
484	Pokrovskoe	52	35.8	N	36	53.0	E	837	356
84	Biysk Northwest	52	35.9	N	84	55.2	E	3485	59
228	Kazaki	52	36.5	N	38	17.8	E	837	3
327	Lozavets	52	37.0	N	36	10.0	E	845	353
283	Krasnoe	52	37.6	N	37	14.4	E	839	358
675	Vasilievka	52	39.8	N	36	29.8	E	847	354
205	Izmalkovo	52	41.1	N	37	58.5	E	845	1
681	Verhovie	52	48.7	N	37	15.0	E	860	358
599	Stanovoi Kolodez	52	50.5	N	36	15.1	E	869	353
717	Xomutq	52	51.6	N	37	27.1	E	864	359
561	Shablykino	52	51.7	N	35	12.8	E	884	349
287	Krasn Zaria	52	52.0	N	37	40.0	E	865	360
196	Homutovo	52	52.1	N	37	26.1	E	865	359
453	Ore S Fin Orel	52	52.8	N	36	12.4	E	874	353
454	Ore Start Point	52	52.9	N	36	11.8	E	874	353
509	Pugachevka Gld	52	53.0	N	36	12.3	E	874	353
452	Ore E Fin Orel	52	53.2	N	36	13.0	E	874	353
120	Dishnya	52	53.6	N	36	59.2	E	870	357
28	Arhangel 1 Skoe B	52	55.6	N	36	45.6	E	875	356
432	Novosil	52	57.8	N	37	2.4	E	877	357
550	Selikhovo	52	59.5	N	35	36.6	E	893	351
322	Lisiy	53	0.0	N	37	52.0	E	880	1
380	Mohovoe	53	2.8	N	37	21.2	E	886	358
502	Prontasovo	53	4.6	N	36	29.2	E	893	355
651	Tselinnoye	53	4.7	N	85	36.3	E	3526	58
746	Zherdevo	53	7.2	N	36	54.9	E	895	356
428	Novoromanovo Nor	53	7.3	N	83	22.2	E	3376	58
270	Kostanay Nariman	53	12.4	N	63	33.0	E	2067	55
167	Gilino	53	12.5	N	36	45.2	E	906	356
97	Bryansk	53	12.8	N	34	10.7	E	940	345
267	Korsakovo	53	16.0	N	37	21.0	E	910	358
29	Arhangel 2 Skoe D	53	16.2	N	37	42.2	E	910	360
332	Luzhny	53	19.8	N	37	1.0	E	918	357
52	Barnaul	53	21.8	N	83	32.5	E	3386	58
356	Medvezhka	53	26.5	N	36	48.0	E	931	356
91	Bolhov	53	26.8	N	36	0.7	E	938	353
547	Samara Kurumoch	53	30.1	N	50	9.3	E	1294	39
123	Dmitrovo Titovo	53	35.1	N	85	13.9	E	3496	57
184	Grodno	53	36.1	N	24	3.3	E	1367	319

	Way Point	Latitude			Longitude			Distance	Bearing
172	Gorbachevo	53	36.4	N	37	10.3	E	948	358
47	Bakhmetyevo	53	40.0	N	38	25.0	E	955	3
733	Zarinskaya	53	42.5	N	84	52.9	E	3472	57
341	Manaenki	53	42.6	N	36	27.8	E	963	355
734	Zarinsk	53	43.6	N	84	58.0	E	3478	57
1	Abakan	53	44.5	N	91	23.1	E	3898	56
370	Minsk Machulishc	53	46.4	N	27	34.8	E	1211	326
213	Kamen Na Obi	53	47.3	N	81	8.5	E	3226	57
755	Zuravlixa	53	47.3	N	84	14.5	E	3430	57
626	Tal Menka	53	48.3	N	83	34.2	E	3386	57
501	Prokopyevks	53	48.3	N	86	51.9	E	3602	56
417	Novokuznetsk	53	48.7	N	86	52.7	E	3603	56
559	Severnii	53	49.9	N	83	59.0	E	3413	57
369	Minsk 3	53	51.9	N	27	32.5	E	1221	327
368	Minsk 1	53	53.0	N	28	1.9	E	1201	328
686	Verx Allak	53	53.6	N	81	39.9	E	3261	57
250	Kluchiki	53	53.8	N	81	54.2	E	3276	57
10	Akulovo	53	55.0	N	84	0.9	E	3415	56
87	Bobrovka	53	55.5	N	82	7.9	E	3291	56
379	Mogilev	53	57.3	N	30	5.8	E	1129	334
729	Zalesovo	53	59.7	N	84	45.4	E	3463	56
568	Shipunovo	53	59.9	N	82	35.4	E	3321	56
376	Mishlanka	54	1.2	N	82	5.4	E	3288	56
94	Boltovo	54	1.4	N	82	15.9	E	3300	56
727	Zakovriazino	54	1.9	N	82	25.4	E	3310	56
572	Shurigino	54	4.5	N	82	52.0	E	3339	56
78	Bezmenovo	54	4.8	N	83	23.1	E	3373	56
221	Karasiovo	54	9.8	N	83	0.0	E	3347	56
83	Bitki 2	54	11.0	N	82	17.5	E	3301	56
82	Bitki 0	54	11.7	N	82	15.4	E	3299	56
563	Sharchino 1	54	16.0	N	82	31.9	E	3317	56
446	Ogneva Zaimka	54	17.3	N	83	44.5	E	3395	56
564	Sharchino 2	54	17.4	N	82	31.2	E	3316	56
348	Maslianino	54	20.8	N	84	12.9	E	3426	56
613	Suenga	54	23.9	N	84	31.8	E	3446	55
663	Ulyanovsk Vostoc	54	24.1	N	48	48.3	E	1302	33
150	Evsino	54	24.4	N	83	14.6	E	3363	56
395	Nikonovo	54	26.7	N	83	59.0	E	3410	55
592	Sovetskii	54	27.3	N	82	41.1	E	3326	55
740	Zav Ylovo	54	29.9	N	82	27.1	E	3311	55
135	Egor Evskoe	54	29.9	N	84	35.6	E	3449	55

	Way Point	Latitude			Longitude			Distance	Bearing
92	Bol Izirak	54	30.8	N	84	16.2	E	3429	55
603	Starososedovo	54	35.6	N	83	55.4	E	3406	55
117	Devkino	54	36.9	N	83	41.9	E	3391	55
317	Leninsk Kuznetsk	54	38.6	N	86	16.5	E	3557	55
313	Legostaevo	54	38.8	N	83	49.4	E	3399	55
71	Berdsk Voroshilo	54	39.6	N	83	3.9	E	3351	55
70	Berdsk 2	54	44.0	N	83	5.6	E	3352	55
69	Berdsk 1	54	45.8	N	83	7.0	E	3354	55
546	Saltymakovo	54	50.4	N	87	2.6	E	3605	55
207	Kaliningrad Khra	54	53.4	N	20	35.7	E	1633	318
451	Omsk Tsentralny	54	58.0	N	73	18.6	E	2730	53
431	Novosibirsk	55	0.7	N	82	39.1	E	3324	54
252	Kochenevo	55	1.3	N	82	14.6	E	3298	54
644	Tolmachevo	55	1.9	N	82	36.0	E	3321	54
302	Kurundus	55	3.2	N	84	47.2	E	3460	54
694	Vitebsk Vostochn	55	7.6	N	30	21.1	E	1233	337
231	Kemerovo	55	16.2	N	86	6.5	E	3543	54
232	Kemerovo Southeast	55	16.2	N	86	6.8	E	3544	54
382	Moscow Domodedov	55	24.5	N	37	54.5	E	1148	1
33	Arluk	55	25.7	N	84	50.9	E	3463	53
59	Begishevo Nizhne	55	33.8	N	52	5.7	E	1541	36
383	Moscow Vnukovo	55	36.0	N	37	16.4	E	1169	359
229	Kazan	55	36.4	N	49	16.9	E	1423	31
480	Pikhtovka South	55	57.5	N	82	42.8	E	3330	52
384	Moskau	55	58.3	N	37	24.9	E	1210	359
102	Cheboksary	56	5.4	N	47	20.9	E	1396	25
26	Anzhero Sudzhens	56	9.6	N	86	1.2	E	3536	52
273	Kozhevnikovo	56	13.8	N	83	58.7	E	3410	52
401	Nizhny Novgorod	56	13.8	N	43	47.0	E	1309	17
88	Bogashevo	56	22.9	N	85	12.2	E	3485	52
660	Ulanovka	56	24.6	N	86	4.9	E	3539	52
657	Tuyla	56	35.2	N	87	12.2	E	3608	51
656	Turuntayevo	56	38.1	N	85	56.5	E	3531	51
658	Tver Migalovo	56	49.5	N	35	45.6	E	1312	355
467	Parbig	57	13.7	N	81	26.6	E	3262	50
508	Pskov	57	47.1	N	28	23.9	E	1550	339
612	St Petersburg Pu	59	48.0	N	30	15.9	E	1710	346