CONFOEDERATIO,
RESEARCH DIVISION (CRD).

GAZETTEER OF SETTLEMENTS AND POPULATION HISTORIES OF WESTERN SIBERIA.

Archaeological Sites, Yugra Principalities, and Urban Centres of the Ob-Irtysh Basin and Southern Steppe (6000BC - 1900AD).

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Figure 1. Geographical Subdivisions of the Ob-Irtysh Basin (I-1 Altai, I-2 South-West Siberian Steppe and Forest-Steppe, I-3 North-West Siberian Taiga, Tundra, and Yugra), River Basins, Oblast Boundaries, and Principal Archaeological Sites of Western Siberia.

Introduction

This gazetteer compiles the geographical coordinates, historical and indigenous names, occupation spans, and benchmark population histories of 193 individual settlements across Western Siberia (the Ob-Irtysh river basin, ~2,40M km^2) from 6000BC to 1900AD [1]. Reading directly from `siberia_ob_irtysh_steppe_and_yugra_settlements.json` in the standard `population_Stadester` format, the dataset covers prehistoric, Bronze Age, and Iron Age settlements across the Altai region (I-1), the South-West Siberian Steppe and Forest-Steppe (I-2), and the North-West Siberian Taiga, Tundra, and Yugra (I-3), followed by medieval Ob-Ugrian, Selkup, Turkic, and Siberian Tatar fortified centres (*gorodki* and *gorodishcha*), and early modern to Imperial Russian towns, *ostrogi*, factory settlements (*zavody*), and *slobody*.

Prehistoric, Bronze Age, and Iron Age settlement populations are estimated from excavated house counts, dwelling floor areas ($4{,}5$ m^2 per person with a contemporaneity factor of $0{,}65$ to $0{,}80$), and geomagnetic settlement plans [2][3][4][5][6][7][8][9][10][11][12][13]. Medieval Yugra and Siberian Khanate populations combine excavated *gorodishche* house counts with 17th-century Russian fur-tribute (*yasak*) registers using B. O. Dolgikh's household multipliers ($4{,}0$ per adult male payer for Ob-Ugrian and Selkup communities and $4{,}5$ to $5{,}0$ for Siberian Tatar *yurts*) [14][15][16][17][18][19][20][21][22][23][24][25]. Early modern and 18th- to 19th-century urban and *sloboda* populations are drawn from 17th-century garrison and household rosters (*dozornye* and *perepisnye knigi*), the ten Imperial Poll-Tax Revisions (1719-1858) [26][27][28][29], and the First All-Russian Imperial Census of 1897 [30][31][32].

Prehistoric, Bronze Age, and Iron Age Settlements (6000BC - 500AD)

Table 1 lists the 45 Neolithic, Eneolithic, and Bronze Age settlements (6000-700BC), and Table 2 lists the 24 Early Iron Age settlements (600BC - 500AD) compiled in `siberia_ob_irtysh_steppe_and_yugra_settlements.json`.

Settlement	Alternative Name	Coordinates	Occupied Span	6000-3000	2500-1850	1800-1200	1100-700
Amnya I	Amnya Promontory Fort	63,50 N, 67,31 E	6000-5000BC	35	-	-	-
Amnya II	Amnya Outer Village	63,50 N, 67,31 E	6000-5000BC	20	-	-	-
Kayukovo 1	Kayukovo 1	60,58 N, 72,18 E	6000-5500BC	25	-	-	-
Kayukovo 2	Kayukovo Fort	60,58 N, 72,19 E	6000-5500BC	45	-	-	-
Mergen 3	Lake Mergen III	56,08 N, 69,34 E	5500-4500BC	30	-	-	-
Mergen 6	Lake Mergen VI	56,08 N, 69,35 E	6000-4500BC	50	-	-	-
Imbegen	Imbegen-6	60,92 N, 76,55 E	5500-5000BC	40	-	-	-
Bystryanka	Bystryanka Settlement	52,38 N, 85,42 E	5000-4000BC	45	-	-	-
Bolshoy Mys	Lake Itkul Bolshoy Mys	52,71 N, 84,62 E	4500-3500BC	65	-	-	-
Itkul	Kostenkova Izbushka	52,69 N, 84,58 E	4000-3000BC	70	-	-	-
Borovoe	Borovoe-1	55,95 N, 66,20 E	4500-3500BC	55	-	-	-
Botai	Botai Settlement	53,30 N, 67,65 E	3500-3100BC	480	-	-	-

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Settlement	Alternative Name	Coordinates	Occupied Span	6000-3000	2500-1850	1800-1200	1100-700
Krasny Yar	Krasnyi Yar Eneolithic	53,38 N, 69,12 E	3500-3200BC	350	-	-	-
Roshchin-skoye	Roshchinskoye Settlement	53,21 N, 68,45 E	3400-3100BC	300	-	-	-
Arkaim	Arkaim Fortified Settlement	52,65 N, 59,57 E	2000-1750BC	-	820	450	-
Sintashta	Sintashta Settlement	52,15 N, 60,02 E	2000-1750BC	-	720	400	-
Kamennyi Ambar	Olginskoye	52,83 N, 60,45 E	2000-1750BC	-	600	380	-
Ustye	Ust'e Fortified Settlement	52,91 N, 60,48 E	2000-1700BC	-	550	350	-
Alandskoye	Alandskoe Gorodishche	52,23 N, 59,81 E	2000-1850BC	-	620	-	-
Bersuat	Bersuat Fortified Settlement	52,42 N, 60,18 E	2000-1850BC	-	580	-	-
Sarym-Sakly	Sarym-Sakly Fort	52,68 N, 59,89 E	2000-1850BC	-	440	-	-
Kuysak	Kuysak Fortified Settlement	52,56 N, 59,78 E	2000-1850BC	-	450	-	-
Stepnoye	Stepnoye Fortified Settlement	53,88 N, 60,56 E	2000-1700BC	-	500	340	-
Chernorechye	Chernorech'e III	53,95 N, 61,12 E	2000-1850BC	-	360	-	-
Kizilskoye	Kizilskoe Fortified Settlement	52,72 N, 58,91 E	2000-1850BC	-	480	-	-
Rodniki	Rodniki Fortified Settlement	53,05 N, 60,22 E	2000-1850BC	-	400	-	-
Zhurumbay	Zhurumbai Settlement	52,78 N, 59,95 E	2000-1850BC	-	420	-	-
Konoplyanka	Konoplyanka Fort	52,89 N, 60,15 E	2000-1850BC	-	380	-	-
Novinka	Novinka Petrovka Settlement	52,61 N, 60,12 E	1900-1750BC	-	440	410	-
Semiozerki	Semiozerki II	53,35 N, 62,45 E	1900-1700BC	-	360	380	-
Chicha-1	Chichaburg	54,72 N, 78,58 E	1200-700BC	-	-	350	650
Sopka-2	Sopka II Complex	55,68 N, 76,75 E	2500-1000BC	-	260	310	240
Tartas-1	Tartas I Complex	55,67 N, 76,76 E	2500-1000BC	-	220	280	260
Preobra-zhenka-3	Preobrazhenka III	55,62 N, 76,85 E	1800-900BC	-	-	240	280

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Settlement	Alternative Name	Coordinates	Occupied Span	6000-3000	2500-1850	1800-1200	1100-700
Irmen-1	Irmen I Settlement	54,41 N, 82,38 E	1200-800BC	-	-	220	240
Milovanovo-3	Milovanovo III	54,12 N, 81,95 E	1200-800BC	-	-	180	210
Abramovo-4	Abramovo IV	55,58 N, 78,22 E	1400-1000BC	-	-	160	210
Om-1	Om I Settlement	55,52 N, 78,31 E	1300-900BC	-	-	140	190
Turist-2	Turist II (Novosibirsk)	55,01 N, 82,93 E	2200-900BC	-	120	160	200
Berezovaya Luka	Berezovaya Luka (Alei)	52,55 N, 81,42 E	2100-1700BC	-	240	180	-
Firsovo-14	Firsovo XIV (Barnaul)	53,29 N, 83,91 E	1700-1000BC	-	-	220	190
Teleutsky Vzvoz-1	Teleutskiy Vzvoz-1	53,05 N, 83,62 E	2000-1000BC	-	140	175	160
Malo-Panyushevo	Malo-Panyushevo Settlement	52,48 N, 82,12 E	1600-1200BC	-	-	190	-
Kent	Kent Proto-City	49,21 N, 75,92 E	1300-900BC	-	-	850	750
Burla-3	Burla III Bronze Age Site	53,33 N, 78,32 E	1400-1000BC	-	-	160	210

Table 1. Neolithic, Eneolithic, and Bronze Age Settlements of Western Siberia (6000 - 700BC).

Settlement	Alternative Name	Coordinates	Occupied Span	800-300BC	250-100BC	1-250AD	300-800AD
Rafailovskoye	Rafailovo Fort	56,42 N, 65,28 E	500-200BC	520	380	-	-
Pavlinovo	Pavlinovo Gorodishche	56,55 N, 65,42 E	400BC - 100AD	310	290	220	-
Inberen-IV	Inberen Gorodishche	56,58 N, 65,46 E	600-400BC	240	-	-	-
Kolovoye	Kolovskoye	56,35 N, 65,18 E	400BC - 100AD	280	320	240	-
Maray-1	Maray Gorodishche	55,82 N, 65,95 E	400BC - 100AD	220	260	190	-
Likha-chevskoye	Likhachevo	56,12 N, 69,42 E	400BC - 200AD	240	280	210	-
Barkhatovo	Barkhatovskoye Gorodishche	56,51 N, 65,38 E	500-300BC	250	-	-	-
Bogdanovka	Bogdanovskoye Gorodishche	55,32 N, 74,12 E	300BC - 200AD	290	-	260	-
Batakovo	Batakovo Archeological Complex	55,62 N, 73,85 E	300BC - 200AD	260	-	240	-
Staro-Lybaevo	Staro-Lybaevskoye	56,45 N, 66,22 E	300BC - 300AD	230	-	280	220
Ust-Tartas	Ust-Tartas Outpost	55,58 N, 76,72 E	300BC - 300AD	240	-	270	210

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Settlement	Alternative Name	Coordinates	Occupied Span	800-300BC	250-100BC	1-250AD	300-800AD
Ust-Polui	Ust-Polui Sanctuary-Fort	66,55 N, 66,60 E	250BC - 100AD	-	140	110	-
Barsova Gora	Barsov Gorodok	61,27 N, 73,20 E	800BC - 1200AD	420	-	480	520
Sarom-Pugor	Sarom-Pugor Settlement	62,18 N, 65,85 E	300BC - 500AD	120	-	150	170
Saygatino	Saigatino Complex	61,22 N, 73,08 E	200BC - 1200AD	-	160	210	240
Bolshoy Log	Bolshoy Log Gorodishche (Omsk)	55,02 N, 73,48 E	400BC - 300AD	250	290	-	220
Kargat-4	Kargat IV Settlement	55,19 N, 80,28 E	400-100BC	180	210	-	-
Mayma-1	Maima I Settlement	52,01 N, 85,91 E	300BC - 400AD	220	-	280	310
Manzherok	Manzherok Gorodishche	51,83 N, 85,77 E	400BC - 300AD	190	240	-	260
Katanda	Katanda Valley Settlement	50,15 N, 86,18 E	400BC - 700AD	160	210	-	220
Berel	Berel Bukhtarma Complex	49,37 N, 86,42 E	400BC - 300AD	180	240	-	200
Balykty-Yul	Pazyryk Ulagan Settlement	50,78 N, 88,08 E	400-250BC	190	230	-	-
Kok-Pash	Kok-Pash Lower Chulyshman	51,02 N, 87,72 E	100-500AD	-	-	170	210
Chultukov-Log	Chultukov Log-1	51,89 N, 85,81 E	400BC - 200AD	175	220	200	-

Table 2. Early Iron Age Settlements of the Steppe, Taiga, and Altai (800BC - 800AD).

Medieval Yugra Principalities and Siberian Khanate Centres (500 - 1650AD)

Table 3 presents the 46 medieval Ob-Ugrian, Samoyedic, Selkup, Altai Turkic, and Siberian Tatar fortified settlements and principalities compiled in `siberia_ob_irtysh_steppe_and_yugra_settlements.json`.

Settlement	Historical / Native Name	Coordinates	Occupied Span	600-1100	1200-1400	1450-1550	1580-1615	1625-1700	1897-1900
Isker	Qashliq	58,15 N, 68,52 E	1200-1600AD	-	1,4k	1,8k	350	-	-
Chimgi-Tura	Tatar Tyumen	57,15 N, 65,53 E	1200-1580AD	-	1,5k	1,4k	1,2k	-	-
Kyzyl-Tura	Qizil-Tura	57,69 N, 71,17 E	1100-1580AD	650	1,2k	1,0k	850	-	-

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Settlement	Historical / Native Name	Coordinates	Occupied Span	600-1100	1200-1400	1450-1550	1580-1615	1625-1700	1897-1900
Ton-Tura	Voznesenskoye	55,70 N, 76,72 E	1300-1580AD	-	450	750	900	-	-
Koda	Sherkaly-1	62,76 N, 65,48 E	900-1630AD	420	720	-	850	820	-
Emder	Yemdyr Gorodok	62,15 N, 66,35 E	1000-1630AD	240	420	-	480	440	-
Pelym	Pelymsky Gorodok	61,01 N, 62,00 E	1000-1900AD	380	680	-	850	1,1k	800
Kondinskoye	Kondinsky Gorodok	60,35 N, 64,50 E	1000-1900AD	420	760	-	920	1,0k	1,3k
Samarovo	Khanty-Mansiysk	61,00 N, 69,02 E	1000-1900AD	260	440	-	520	950	2,2k
Belogorye	Lugovskoye	61,08 N, 68,72 E	1000-1900AD	220	390	-	460	480	640
Kazym	Yuilsk	63,75 N, 66,95 E	1000-1900AD	190	340	-	420	480	600
Lyapin	Lyapinsky Gorodok	64,12 N, 60,95 E	1000-1900AD	210	380	-	460	520	660
Ust-Voikary	Voikar	65,72 N, 64,68 E	1000-1900AD	240	410	-	490	540	430
Kunovat	Kunovatsky	65,05 N, 65,45 E	1000-1900AD	180	310	-	380	410	470
Pulnovat-Vash	Pre-Russian Obdorsk	66,53 N, 66,59 E	900-1580AD	210	390	-	480	-	-
Nadym Gorodok	Nadymsky Gorodok	65,65 N, 72,58 E	1200-1730AD	-	140	-	170	180	-
Mangazeya	Tazovsky Gorodok	66,69 N, 82,28 E	1601-1670AD	-	-	-	1,3k	320	-
Staraya Mangazeya	Khalmer-Sede	67,47 N, 78,73 E	1500-1900AD	-	-	180	260	220	400
Narym	Narymsky Ostrog	58,93 N, 81,59 E	1400-1900AD	-	350	-	620	1,1k	1,2k
Ketsk	Ketsky Ostrog	58,42 N, 82,95 E	1400-1900AD	-	280	-	450	740	500
Parabel	Parabelskoye	58,70 N, 81,48 E	1200-1900AD	-	220	340	-	380	1,2k
Toiyanov Gorodok	Toyanov Gorodok	56,48 N, 84,91 E	1400-1650AD	-	380	-	550	480	-
Eushta	Eushtinskiy gorodok	56,51 N, 84,92 E	1300-1900AD	-	310	420	460	490	640
Baturino	Baturinskoe gorodishche	56,24 N, 84,75 E	1100-1900AD	240	320	-	380	-	880
Kinzhal	Kinzhalskoe gorodishche	56,82 N, 84,22 E	900-1500AD	220	290	310	-	-	-
Potchevash	Potchevashskoe gorodishche	58,18 N, 68,26 E	600-1200AD	450	520	-	-	-	-

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Settlement	Historical / Native Name	Coordinates	Occupied Span	600-1100	1200-1400	1450-1550	1580-1615	1625-1700	1897-1900
Suzgun	Suzgun II	58,14 N, 68,31 E	1200BC - 1580AD	280	-	360	420	-	-
Chuvashsky Mys	Chuvash Cape Fortress	58,17 N, 68,24 E	1200-1582AD	-	280	450	520	-	-
Karachin-Gorodok	Karacha Island Fort	58,02 N, 68,42 E	1400-1582AD	-	380	550	620	-	-
Kullarov-Gorodok	Kullarovo Gorod-ishche	57,85 N, 70,45 E	1300-1580AD	-	320	460	510	-	-
Yepanchin-Yurt	Pre-Russian Turinsk	58,05 N, 63,69 E	1300-1581AD	-	380	580	720	-	-
Sugmut-Vash	Ostyak Berezov	63,94 N, 65,04 E	1000-1580AD	220	310	-	420	-	-
Peregreb-noye	Kara-movskiy gorodok	62,98 N, 65,05 E	1000-1900AD	190	260	-	310	340	470
Muligort	Muligort Gorodok	63,15 N, 65,28 E	1100-1700AD	160	220	-	260	240	-
Tegi	Teginsky	63,65 N, 64,92 E	1100-1900AD	180	250	-	310	330	420
Nyakh-simvol	Sosva	62,43 N, 60,87 E	1100-1900AD	190	270	-	340	380	510
Lozva	Lozvinsky	60,82 N, 60,52 E	1200-1597AD	-	220	310	380	-	-
Tabary	Tabory	58,52 N, 64,55 E	1200-1900AD	-	280	440	520	640	1,5k
Koshandel	Koshuki	58,31 N, 64,88 E	1200-1900AD	-	210	320	380	460	810
Shaim	Ushya	60,28 N, 64,22 E	1100-1700AD	180	250	-	310	340	-
Srostki-1	Srostki Fort	52,42 N, 85,70 E	850-1200AD	350	290	-	-	-	-
Odintsovka	Odin-tsovskoe gorodishche	52,45 N, 85,12 E	850-1200AD	250	210	-	-	-	-
Basandayka	Basandayskoe gorodishche	56,41 N, 84,96 E	900-1500AD	320	280	260	-	-	-
Timirya-zevo-1	Timirya-zevskoye Gorod-ishche	56,48 N, 84,88 E	700-1200AD	280	240	-	-	-	-
Relka	Molcha-novo	57,58 N, 83,76 E	600-1100AD	270	-	-	-	-	-

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Settlement	Historical / Native Name	Coordinates	Occupied Span	600-1100	1200-1400	1450-1550	1580-1615	1625-1700	1897-1900
Shaytanskoye	Shaytanka	56,92 N, 84,15 E	1000-1550AD	190	250	280	-	-	-

Table 3. Medieval Yugra Principalities, Altai Gorodishcha, and Siberian Khanate Centres (600 - 1900AD).

Early Modern and Imperial Towns, Ostrogs, and Slobodas (1586 - 1900AD)

Tables 4, 5, and 6 present the 78 Russian administrative towns, fortified *ostrogi*, agricultural *slobody*, and mining settlements (*zavody*) across Tobolsk Governorate, the Irtysh defensive line, Tomsk Governorate, and the Altai region up to the First All-Russian Imperial Census of 1897 and 1900AD.

Settlement	Historical Name	Coordinates	1st Rec.	1586-1650	1700	1750	1800	1850	1897	1900
Tobolsk	Razlivnoy Cape	58,20 N, 68,25 E	1587	5,8k	11,5k	14,2k	16,2k	18,1k	20,4k	21,4k
Tyumen	Tyumensky Ostrog	57,15 N, 65,53 E	1586	3,6k	5,8k	7,4k	9,8k	14,6k	29,7k	31,0k
Tara	Tarskiy ostrog	56,89 N, 74,37 E	1594	2,4k	3,4k	4,1k	4,6k	5,6k	7,2k	7,6k
Turinsk	Turinskiy ostrog	58,05 N, 63,70 E	1600	1,9k	2,8k	3,5k	4,1k	3,8k	3,2k	3,3k
Berezov	Berezovo	63,94 N, 65,04 E	1593	850	1,0k	1,1k	1,1k	1,2k	1,1k	1,1k
Surgut	Bardakovo	61,25 N, 73,42 E	1594	740	850	920	980	1,1k	1,1k	1,2k
Obdorsk	Salekhard	66,53 N, 66,60 E	1595	540	580	640	720	820	880	950
Verkhoturye	Neromkar	58,86 N, 60,80 E	1598	1,8k	3,2k	3,4k	3,1k	3,0k	3,2k	3,3k
Kurgan	Tsarevo Gorod-ishche	55,44 N, 65,34 E	1679	-	1,1k	1,9k	2,6k	4,2k	10,3k	11,5k
Ishim	Korkina Sloboda	56,11 N, 69,49 E	1687	-	950	1,8k	2,8k	4,5k	7,2k	7,8k
Yalutorovsk	Yavlu-Tura	56,65 N, 66,30 E	1659	-	1,1k	1,8k	2,2k	3,0k	3,3k	3,5k
Tyukalinsk	Tyukalinskaya sloboda	55,87 N, 72,20 E	1759	-	-	350	980	1,9k	4,0k	4,2k
Zavodo-ukovsk	Ukovskaya zaimka	56,50 N, 66,55 E	1729	-	-	540	920	1,4k	2,2k	2,4k
Shadrinsk	Shadrinskaya sloboda	56,08 N, 63,63 E	1662	-	1,4k	2,8k	4,4k	6,8k	11,7k	12,4k
Kamyshlov	Kamyshevskaya sloboda	56,85 N, 62,72 E	1668	-	1,1k	1,8k	2,6k	4,2k	8,2k	8,6k

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Settlement	Historical Name	Coordinates	1st Rec.	1586-1650	1700	1750	1800	1850	1897	1900
Irbit	Irbeevskaya sloboda	57,68 N, 63,06 E	1631	480	1,6k	2,9k	4,2k	5,8k	20,1k	20,8k
Dalmatovo	Dalmatovskiy monastyr	56,26 N, 62,94 E	1644	350	1,2k	2,1k	2,8k	3,6k	4,8k	5,1k
Kataisk	Katayskiy ostrog	56,29 N, 62,58 E	1655	-	980	1,6k	2,2k	2,9k	3,8k	4,0k
Talitsa	Talitskiy zavod	57,02 N, 63,73 E	1732	-	-	750	1,4k	2,3k	3,9k	4,2k
Ust-Ishim	Ust-Ishimskaya sloboda	57,69 N, 71,17 E	1631	320	620	880	1,1k	1,5k	1,9k	2,0k
Znamenskoye	Znamenskiy pogost	57,12 N, 73,83 E	1666	-	540	820	1,1k	1,4k	2,0k	2,1k
Evgashchino	Izyukskaya sloboda	56,51 N, 74,68 E	1650	310	620	950	1,4k	1,8k	2,5k	2,6k
Takmyk	Takmykskaya sloboda	56,28 N, 74,55 E	1668	-	680	1,0k	1,4k	1,8k	2,2k	2,3k
Bolshe-rechye	Bolsheretskiy forpost	56,09 N, 74,63 E	1627	280	580	920	1,4k	1,9k	2,7k	2,8k
Muromtsevo	Muromtsevskaya zaimka	56,37 N, 75,24 E	1707	-	260	580	960	1,5k	2,4k	2,6k
Vikulovo	Vikulovskaya sloboda	56,82 N, 70,61 E	1691	-	310	780	1,2k	1,8k	2,6k	2,8k
Abatskoye	Abatskaya sloboda	56,29 N, 70,46 E	1680	-	580	980	1,5k	2,1k	3,1k	3,3k
Aromashevo	Aromashevskaya sloboda	56,36 N, 68,64 E	1720	-	280	560	940	1,4k	2,1k	2,3k
Yarkovo	Yarkovskaya stantsiya	57,41 N, 67,08 E	1642	260	480	720	1,0k	1,5k	2,0k	2,1k
Vagai	Vagayskiy ostrog	57,94 N, 69,02 E	1633	290	560	840	1,2k	1,6k	2,1k	2,2k
Uvat	Uvatskoe selo	59,14 N, 68,90 E	1650	240	420	640	880	1,2k	1,6k	1,6k
Demyan-skoye	Demyanskiy yam	59,58 N, 69,28 E	1600	380	580	780	980	1,2k	1,5k	1,6k
Sherkaly	Sherkalskiy pogost	62,76 N, 65,48 E	1650	280	340	380	420	460	520	540
Muzhi	Muzhevskiy gorodok	65,39 N, 64,70 E	1650	210	260	310	380	460	590	620

Table 4. Tobolsk Governorate and Northern Yugra Administrative Towns, Ostrogs, and Slobodas (1586 - 1900AD).

Settlement	Historical Name	Coordinates	1st Rec.	1716-1752	1800	1850	1897	1900
Omsk	Omskaya krepost	54,99 N, 73,37 E	1716	3,6k	7,5k	16,4k	37,4k	42,5k
Petropavlovsk	Krepost Sv. Petra	54,87 N, 69,14 E	1752	850	3,1k	7,8k	19,7k	21,5k
Kokchetav	Kokshetau	53,28 N, 69,38 E	1824	-	-	2,1k	5,0k	5,4k
Pavlodar	Koryakovskiy forpost	52,28 N, 76,97 E	1720	620	1,1k	2,4k	7,7k	8,4k
Semipalatinsk	Semipalatnaya krepost	50,41 N, 80,23 E	1718	2,1k	4,5k	9,8k	26,2k	28,5k
Ust-Kamenogorsk	Ust-Kamennaya krepost	49,95 N, 82,62 E	1720	1,4k	2,4k	4,1k	8,7k	9,4k
Zaysan	Zaysanskiy post	47,47 N, 84,87 E	1868	-	-	850	4,4k	4,8k
Yamyshevskaya	Yamyshevskaya krepost	51,88 N, 77,38 E	1716	1,6k	1,9k	1,6k	1,5k	1,5k
Zhelezinskaya	Zhelezinskaya krepost	53,54 N, 75,31 E	1717	1,4k	1,8k	2,1k	2,6k	2,8k
Presnogorkovskaya	Presnogorkovskaya krepost	54,49 N, 65,54 E	1752	580	1,4k	2,2k	3,5k	3,6k
Cherlak	Cherlakovskiy forpost	54,15 N, 74,80 E	1720	680	1,1k	1,8k	2,6k	2,7k
Kalachinsk	Kalachiki	55,05 N, 74,58 E	1795	-	180	620	1,7k	2,1k
Isilkul	Stantsiya Isilkul	54,91 N, 71,27 E	1895	-	-	-	1,8k	2,6k
Nazyvayevsk	Sibirskiy Posad	55,57 N, 71,35 E	1789	-	210	640	1,4k	1,6k

Table 5. Irtysh Fortified Line and Steppe Towns and Fortresses (1716 - 1900AD).

Settlement	Historical Name	Coordinates	1st Rec.	1604-1725	1750	1800	1850	1897	1900
Tomsk	Tomskiy ostrog	56,48 N, 84,95 E	1604	6,2k	8,4k	10,8k	18,2k	52,2k	58,0k
Kuznetsk	Novokuznetsk	53,76 N, 87,14 E	1618	1,9k	2,4k	2,8k	3,0k	3,1k	3,2k
Biysk	Bikatunskaya krepost	52,54 N, 85,21 E	1709	450	1,6k	3,4k	5,6k	17,2k	18,5k
Barnaul	Barnaulskiy zavod	53,35 N, 83,78 E	1739	-	4,2k	7,8k	10,9k	21,1k	29,5k
Zmeinogorsk	Zmeinogorskiy rudnik	51,16 N, 82,20 E	1736	-	2,6k	5,8k	6,2k	6,9k	7,1k
Kolyvan	Chausskiy ostrog	55,31 N, 82,74 E	1713	550	1,6k	3,2k	6,8k	11,7k	12,1k

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Settlement	Historical Name	Coordinates	1st Rec.	1604-1725	1750	1800	1850	1897	1900
Suzun	Nizhne-Suzunskiy zavod	53,78 N, 82,31 E	1764	-	1,2k	3,4k	4,6k	5,4k	5,6k
Pavlovsk	Pavlovskiy serebro-plavilnyy zavod	53,32 N, 82,99 E	1764	-	950	2,6k	3,8k	4,6k	4,8k
Lokot	Loktevskiy zavod	51,18 N, 81,25 E	1783	-	-	1,9k	2,9k	3,8k	3,9k
Salair	Salairskiy rudnik	54,23 N, 85,80 E	1782	-	-	2,4k	3,8k	4,9k	5,2k
Gurievsk	Gurevskiy zavod	54,28 N, 85,94 E	1816	-	-	-	1,8k	3,0k	3,2k
Gavrilovsk	Gavrilovskiy zavod	54,32 N, 85,88 E	1795	-	-	1,1k	2,1k	2,4k	2,5k
Mariinsk	Kiyskoe	56,21 N, 87,75 E	1720	320	-	950	2,8k	8,2k	9,1k
Kainsk	Kuibyshev	55,45 N, 78,32 E	1722	380	850	1,9k	3,6k	5,9k	6,2k
Novoniko-layevsk	Novosibirsk	55,02 N, 82,93 E	1700	280	540	920	1,6k	7,8k	18,5k
Berdsk	Berdskiy ostrog	54,76 N, 83,10 E	1716	480	1,2k	2,1k	3,1k	4,5k	4,8k
Iskitim	Koynovo	54,64 N, 83,30 E	1717	260	520	880	1,4k	2,1k	2,3k
Bolotnoye	Bolotninskaya stantsiya	55,67 N, 84,40 E	1805	-	-	280	850	2,6k	3,1k
Chulym	Chulymskaya stantsiya	55,10 N, 80,96 E	1762	-	240	520	980	2,2k	2,5k
Toguchin	Toguchinskaya derevnya	55,24 N, 84,39 E	1650	180	420	740	1,2k	1,8k	2,0k
Kamen-na-Obi	Kamen	53,79 N, 81,35 E	1751	-	350	1,1k	2,6k	6,8k	7,6k
Aleysk	Mamontovo	52,49 N, 82,78 E	1750	-	280	620	1,1k	1,9k	2,1k
Rubtsovsk	Rubtsovo	51,51 N, 81,21 E	1886	-	-	-	-	1,6k	2,1k
Belokurikha	Novo-belokurikha	52,00 N, 84,99 E	1803	-	-	240	680	1,4k	1,6k
Ulala	Gorno-Altaisk	51,96 N, 85,96 E	1824	-	-	-	1,2k	4,7k	5,1k
Onguday	Ongudai	50,75 N, 86,14 E	1626	220	340	-	580	980	1,0k
Kosh-Agach	Kosh-Agach Trading Post	50,00 N, 88,67 E	1801	-	-	180	360	680	750
Ust-Koksa	Uymonskaya sloboda	50,27 N, 85,62 E	1798	-	-	220	540	1,1k	1,2k

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Settlement	Historical Name	Coordinates	1st Rec.	1604-1725	1750	1800	1850	1897	1900
Cherga	Cherginskoe	51,57 N, 85,56 E	1820	-	-	-	520	1,1k	1,1k
Shebalino	Shebalinskoe	51,29 N, 85,67 E	1833	-	-	-	560	1,2k	1,3k

Table 6. Tomsk Governorate, Upper Ob, and Altai Mining and Urban Centres (1604 - 1900AD).

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