**SUPPLEMENTARY MATERIALS – ДОПОЛНИТЕЛЬНЫЕ МАТЕРИАЛЫ**

**Regional-scale soil organic carbon dynamics evaluation in Baikal Siberia inferred from stable carbon isotopic values (δ13C)**

**Оценка динамики органического углерода в почвах Байкальской Сибири по данным анализа состава стабильных изотопов (δ13C)**

V.A. Golubtsov, A.A. Cherkashina, Yu.V. Vanteeva, S.M. Turchinskaya

**В.А. Голубцов, А.А. Черкашина, Ю.В. Вантеева, С.М. Турчинская**

**Eurasian Soil Science  
Почвоведение**

**Table S1.** General information of the sampling sites

**Таблица S1.** Положение исследуемых площадок и гидротермические условия формирования почв

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | Section | Area | Coordinates | Lanscape | Soil type | Elevation, m | MAT, °C | Tgs, °C | MAP, mm | Pgs, mm |
| 1 | Nizhniy Bulay-2-20 | 1 | N 52°51'34.73"  E 103°06'47.31" | subtaiga | Luvic Phaeozem (Arenic) | 492 | 0.2 | 17.6 | 481 | 298 |
| 2 | Nizhniy Bulay-2-18 | N 52°51'34.0"  E 103°06'46.7" | subtaiga | Luvic Phaeozem (Arenic) | 482 | 0.2 | 17.6 | 481 | 298 |
| 3 | Buret’ | N 52°58'25.82"  E 103°28'15.32" | subtaiga | Luvic Phaeozem (Arenic) | 403 | 0.2 | 17.9 | 465 | 298 |
| 4 | Berezovyi | N 52°51'48.44"  E 103°21'28.14" | subtaiga | Luvic Phaeozem (Loamic) | 417 | 0.0 | 17.9 | 470 | 298 |
| 5 | Mikhailovka | N 52°59'25.9"  E 103°18'01.8" | steppe | Luvic Chernozem (Loamic) | 532 | 0.1 | 17.8 | 445 | 253 |
| 6 | Fedyaevskyi | N 53°15'41.7"  E 103°21'54.1" | steppe | Calcic Chernozem (Loamic) | 479 | 0.3 | 17.8 | 446 | 235 |
| 7 | Osinovyi-20 | N 52°53'07.55"  E 103°19'12.15" | subtaiga | Luvic Phaeozem (Loamic) | 473 | -0.4 | 17.8 | 474 | 298 |
| 8 | Osinovyi\_18 | N 52°53'05.6"  E 103°19'12.2" | subtaiga | Cambic Calcisol (Loamic) | 462 | -0.4 | 17.8 | 474 | 298 |
| 9 | Taiturka-1 | N 52°52'29.97"  E 103°28'12.55" | steppe | Luvic Chernozem (Clayic) | 429 | 0.4 | 18.0 | 467 | 290 |
| 10 | Taiturka-2 | N 52°52'57.01"  E 103°25'01.88" | steppe | Luvic Chernozem (Clayic) | 436 | 0.4 | 18.0 | 470 | 290 |
| 11 | Belaya | N 52°50'06.8"  E 103°20'31.8" | steppe | Pantofluvic Fluvisol (Arenic) | 404 | 0 | 17.7 | 476 | 254 |
| 12 | Lastochkino Gnezdo-2 | N 52°48'18.9"  E 104°47'12.2" | steppe | Calcic Chernozem (Loamic) | 514 | 0.1 | 17.2 | 418 | 236 |
| 13 | Onot-1 | 2 | N 52°37'45.75"  E 102°03'01.75" | mountain taiga | Folic Spodic Cambisol (Loamic) | 1232 | -2.6 | 14.5 | 769 | 403 |
| 14 | Onot-2 | N 52°42'24.35"  E 101°55'55.92" | mountain taiga | Sceletic Cambisol (Loamic) | 1001 | -1.8 | 14.6 | 771 | 402 |
| 15 | Yulinsk-1 | N 52°41'44.0"  E 102°21'22.7" | mountain taiga | Mollic Phaeozem (Arenic) | 511 | -1.0 | 16.3 | 608 | 340 |
| 16 | Yulinsk-3 | N 52°42'34.5"  E 102°23'01.3" | mountain taiga | Mollic Leptosol (Loamic) | 591 | -1.2 | 16.3 | 608 | 340 |
| 17 | Yulinsk-4 | N 52°42'17.2"  E 102°22'53.5" | mountain taiga | Leptic Luvisol (Loamic) | 687 | -1.3 | 16.3 | 608 | 340 |
| 18 | K1/20 | N52°19'58.30"  E102°51'17.98" | mountain taiga | Folic Cambisol (Loamic) | 740 | -0.7 | 15.4 | 692 | 375 |
| 19 | K3/20 | N 52°28'14.34"  E 103°06'50.92" | mountain taiga | Leptic Luvisol (Loamic) | 722 | -0.6 | 16.7 | 556 | 344 |
| 20 | Kitoy-2019 | N 52°28'14.8"  E 103°06'43.3" | mountain taiga | Leptic Luvisol (Loamic) | 712 | -0.6 | 16.7 | 556 | 344 |
| 21 | Mezhdurech’e | N 52°51'28.0"  E 102°28'52.1" | mountain taiga | Leptic Luvisol (Loamic) | 536 | -1.2 | 17.1 | 509 | 339 |
| 22 | Novostroyka-1 | N 52°57'33.0"  E 101°47'38.3" | mountain taiga | Folic Phaeozem (Loamic) | 614 | -1.8 | 15.8 | 632 | 425 |
| 23 | Novostroyka-2 | N 52°57'30.55"  E 101°47'36.90" | mountain taiga | Cambic Phaeozem (Loamic) | 609 | -1.8 | 15.8 | 632 | 425 |
| 24 | Bol’shaya Belaya | N 52°54'51.7"  E 102°31'46.3" | mountain taiga | Cambic Phaeozem over Fluvisol (Loamic) | 464 | -1.0 | 17.1 | 509 | 364 |
| 25 | Irkut-2 | N 52°08'48.3"  E 103°53'47.1" | mountain taiga | Pantofluvic Fluvisol (Arenic) | 461 | 0.5 | 16.4 | 616 | 343 |
| 26 | 2K/21 | N 52°11'02.50"  E 102°41'29.62" | mountain taiga | Folic Leptic Cambisol (Arenic) | 841 | -1.5 | 14.7 | 771 | 429 |
| 27 | 4K/21 | N 52°10'00.01"  E 102°42'29.50" | mountain taiga | Folic Fluvisol (Arenic) | 728 | -1.1 | 14.7 | 771 | 429 |
| 28 | 5K/21 | N 52°09'53.90"  E 102°41'58.70" | mountain taiga | Folic Cambisol (Loamic) | 738 | -1.1 | 14.7 | 771 | 429 |
| 29 | 6K/21 | N 52°10'34.21"  E 102°41'28.30" | mountain taiga | Folic Cambisol (Loamic) | 877 | -1.4 | 14.7 | 771 | 429 |
| 30 | 7K/21 | N 52°19'34.32"  E 102°50'59.60" | mountain taiga | Folic Fluvisol (Arenic) | 629 | -0.7 | 15.2 | 770 | 430 |
| 31 | 12K/21 | N 52°25'36.91"  E 103°12'39.50" | mountain taiga | Folic Phaeozem over Fluvisol (Loamic) | 520 | -0.1 | 16.6 | 560 | 297 |
| 32 | C1 | 3 | N 53°07'03.83"  E 106°41'22.33" | mountain tundra | Folic Cryosol (Loamic) | 1654 | -4.6 | 7.9 | 429 | 235 |
| 33 | C2 | N 53°07'09.20"  E 106°42'49.00" | mountain taiga | Entic Folic Podzol (Differentic, Loamic) | 1414 | -4.1 | 10.0 | 429 | 235 |
| 34 | C3 | N 53°07'09.89"  E 106°45'02.47" | mountain taiga | Entic Folic Podzol (Loamic) | 1125 | -3.2 | 10.5 | 400 | 235 |
| 35 | C5 | N 53°06'17.60"  E 106°46'21.08" | mountain taiga | Entic Folic Leptosol (Loamic) | 910 | -2.8 | 11.3 | 400 | 235 |
| 36 | C6 | N 53°05'51.49"  E 106°47'04.19" | subtaiga | Folic Leptosol (Loamic) | 810 | -2.0 | 13.1 | 400 | 216 |
| 37 | C8 | N 53°05'32.02"  E 106°48'02.94" | subtaiga | Calcaric Skeletic Phaeozem (Arenic) | 600 | -1.4 | 15.5 | 280 | 206 |
| 38 | C9 | N 53°05'19.02"  E 106°48'51.51" | steppe | Calcaric Mollic Leptosol (Arenic) | 460 | -1.0 | 13.4 | 290 | 215 |
| 39 | Ch1 | N 52°58'07.43"  E 106°48'37.26" | subtaiga | Folic Phaeozem over  Skeletic Phaeozem (Loamic) | 915 | -1.6 | 12.5 | 340 | 216 |
| 40 | Ch2 | N 53°02'23.82"  E 106°40'10.74" | mountain taiga | Folic Phaeozem (Loamic) | 1160 | -1.8 | 10.9 | 364 | 235 |
| 41 | Ch3 | N 53°01'07.74"  E 106°40'44.10" | subtaiga | Hyperskeletic Leptosol (Loamic) | 701 | -2.8 | 14.8 | 360 | 216 |
| 42 | Sarma-1 | N 53°06'32.0"  E 106°48'52.90" | steppe | Sceletic Cambisol Protocalcic (Loamic) | 626 | -1.9 | 15.5 | 260 | 206 |
| 43 | Horga | N 53°04'32.80"  E 106°47'29.70" | steppe | Cambic Skeletic Leptosol (Arenic) | 564 | -1.3 | 15.0 | 260 | 206 |
| 44 | Anga | N 52°47'31.70"  E 106°34'10.80" | steppe | Calcaric Cambisol (Arenic) | 570 | -0.6 | 15.5 | 241 | 190 |
| 45 | Krestovyi | N 52°40'49.40"  E 106°23'55.20" | steppe | Calcic Chernozem (Tonguic, Loamic) | 627 | -0.5 | 13.3 | 280 | 190 |
| 46 | Trekhgolovyi | N 53°18'06.60"  E 107°06'49.80" | mountain tundra | Lithic Skeletic Leptosol (Arenic) | 1225 | -3.7 | 8.3 | 407 | 235 |
| 47 | 293 | 4 | N 51°44'24.8"  E 102°35'17.3" | subtaiga | Vitric Anthroumbric Leptic Entic Podzol (Loamic, Aric, Endoeutric) | 763 | -1.0 | 14.8 | 385 | 265 |
| 48 | 357 | N 51°40'54.95"  E 102°13'42.11" | mountain taiga | Someriumbric Entic Podzols(Arenic, Albic) | 744 | -0.6 | 13.5 | 500 | 280 |
| 49 | Haribyaty | N 51°38'56.55"  E 102°16'06.10" | mountain taiga | Someriumbric Entic Podzol (Arenic, Albic) | 785 | -1.4 | 13.3 | 500 | 320 |
| 50 | 278 | N 51°42'14.20"  E 102°24'44.60" | steppe | Hypocalcic Chernozem (Arenic, Aric) | 723 | 0.9 | 14.6 | 330 | 216 |
| 51 | Zaktui | N 51°41'19.60"  E 102°40'52.39" | mountain taiga | Folic Umbrisols (Siltic, Hyperdystric) | 918 | 0.2 | 13.5 | 500 | 340 |
| 52 | 501/1 | N 51°44'22.25"  E 102°19'44.40" | subtaiga | Entic Podzol (Arenic, Endoeutric) | 764 | -0.5 | 13.4 | 420 | 300 |
| 53 | 185/1 | N 51°49'24.63"  E 102°29'18.85" | subtaiga | Vitric Skeletic Folic Leptic Entic Podzol (Loamic, Endoeutric) | 773 | 0.4 | 13.8 | 380 | 265 |
| 54 | 179 | N 51°43'10.1''  E 102°35'18.5'' | subtaiga | Entic Podzol (Arenic, Endoeutric) | 739 | -0.4 | 13.6 | 385 | 365 |
| 55 | 110 | N 51°56'43.8''  E 102°26'25.29'' | mountain tundra | Hypereutric Somerimollic Orthoskeletic Leptosol (Loamic) | 2063 | -4.7 | 7.6 | 600 | 400 |
| 56 | 113 | N 51°56'31.77"  E 102°26'25.04" | mountain tundra | Folic Sombric Leptosol (Protospodic, Loamic) | 1932 | -4.0 | 8.6 | 600 | 400 |
| 57 | 114 | N 51°56'16.69"  E 102°26'24.58" | mountain taiga | Skeletic Folic Leptic Entic Podzol (Loamic) | 1712 | -4.0 | 10.1 | 600 | 400 |
| 58 | 114/1 | N 51°56'06.27"  E 102°26'15.86" | mountain taiga | Hypereutric Somerimollic Folic Skeletic Leptosol (Arenic) | 1493 | -4.0 | 11.1 | 600 | 400 |
| 59 | 115/1 | N 51°55'42.18"  E 102°26'11.41" | mountain taiga | Somerirendzic Folic Skeletic Leptosol (Loamic) | 1255 | -3.0 | 12.0 | 600 | 400 |
| 60 | Turan | N 51°38'24.37"  E 101°38'44.55" | mountain taiga | Histic Stagnic Eutric Gleysol (Arenic) | 882 | -1.5 | 13.1 | 500 | 360 |
| 61 | Mondy-1 | 5 | N 51°41'10.42"  E 100°55'45.10" | steppe | Cambic Leptic Calcisol (Loamic) | 1399 | -1.0 | 10.2 | 280 | 195 |
| 62 | Mondy-2 | N 51°39'59.81"  E 100°57'01.70" | subtaiga | Cambic Leptic Calcisol (Loamic) | 1373 | 0 | 10.8 | 360 | 280 |
| 63 | Mondy-3 | N 51°37'21.47"  E 100°55'20.89" | mountain tundra | Folic Lithic Leptosol (Loamic) | 1987 | -3.5 | 8.1 | 490 | 311 |
| 64 | Mondy-4 | N 51°39'27.05"  E 100°54'38.97" | mountain taiga | Folic Albic Leptic Podzol (Arenic) | 1672 | -1.2 | 10.0 | 549 | 310 |
| 65 | 98 p. | N 51°43'59.67"  E 101°00'15.27" | mountain tundra | Umbric Leptosol (Loamic) | 2315 | -3.5 | 7.1 | 489 | 311 |
| 66 | 99 p. | N 51°43'29.57''  E 101°00'12.82'' | mountain tundra | Umbric Leptosol (Loamic) | 2156 | -2.7 | 7.7 | 489 | 311 |
| 67 | 100 p. | N 51°43'24.6"  E 101°0'4.32" | mountain taiga | Cambic Leptosol (Loamic) | 2078 | -3.1 | 7.5 | 585 | 380 |
| 68 | 101 p. | N 51°43'7.25"  E 100°59'51.72" | mountain taiga | Umbric Leptosol (Loamic) | 1932 | -2.4 | 8.3 | 585 | 380 |
| 69 | 102 p. | N 51°42'23.08"  E 101°0'5.26" | mountain taiga | Histic Cryosol (Loamic) | 1687 | -3.4 | 9.4 | 585 | 380 |
| 70 | 103 p. | N 51°37'21.68"  E 100°55'20.03" | mountain tundra | Histic Eutric Turbic Cryosol (Loamic) | 1990 | -3.5 | 8.1 | 490 | 311 |
| 71 | 104 p. | N 51°37'48.39"  E 100°53'19.90" | mountain taiga | Histic Cryosol (Loamic) | 1874 | -2.8 | 8.5 | 490 | 311 |
| 72 | 41 p. | N 51°42'21.60"  E 101°00'5.06" | mountain taiga | Histic Cryosol (Loamic) | 1996 | -3.4 | 9.4 | 585 | 380 |
| 73 | 43 p. | N 51°39'25.78"  E 100°54'39.28" | mountain taiga | Eutric Leptosol (Loamic) | 1627 | -1.2 | 10.0 | 550 | 353 |
| 74 | 506 (M1.1) | 6 | N 51°23'36.96"  E 104°50'35.34" | subalpine grassland | Folic Umbrisol (Hyperdystric) (Loamic) | 950 | -1.6 | 14.7 | 1082 | 520 |
| 75 | 507 (M1.2) | N 51°24'38.10"  E 104°50'43.98" | mountain taiga | Folic Umbrisol (Hyperdystric, Loamic) | 1050 | -1.8 | 14.7 | 1082 | 520 |
| 76 | 508 (M1.3) | N 51°23'28.38"  E 104°50'45.18" | subalpine grassland | Haplic Umbrisol (Hyperdystric, Loamic) | 950 | -1.9 | 14.7 | 1082 | 520 |
| 77 | 509 (M2.4) | N 51°22'52.44"  E 104°51'31.56" | subalpine grassland | Cambic Umbrisol (Hyperdystric, Loamic) | 1200 | -2.2 | 14.0 | 1120 | 532 |
| 78 | 510 (M 2.5) | N 51°22'45.00"  E 104°51'27.48" | subalpine grassland | Haplic Umbrisol (Hyperdystric, Loamic) | 1200 | -2.1 | 14.0 | 1120 | 532 |
| 79 | 2-Z-18 | 7 | N 51°31'55.3"  E 107°06'14.8" | steppe | Skeletic Cambic Leptic Calcisol Turbic (Arenic) | 633 | -0.5 | 17.9 | 224 | 177 |
| 80 | 5-Z-18 | N 50°38'02.8"  E 105°23'09.1" | steppe | Skeletic Cambic Leptic Calcisol Hypercalcic Yermic (Loamic) | 787 | -0.9 | 17.3 | 293 | 239 |
| 81 | 9-Z-18 | N 50°36'21.1"  E 105°25'52.3" | steppe | Skeletic Cambic Leptic Calcisol (Loamic) | 691 | -1.1 | 17.3 | 278 | 234 |
| 82 | 11-Z-18 | N 50°43'35.4"  E 105°54'15.7" | steppe | Skeletic Cambic Leptic Calcisol Hypercalcic Yermic (Arenic) | 861 | -0.5 | 18.0 | 244 | 212 |
| 83 | 1-Z-21 | N 50°35'25.4"  E 105°26'56.4" | subtaiga | Cambic Leptic Calcisol (Loamic) | 729 | -1.3 | 17.3 | 319 | 239 |
| 84 | 1-Z-21 ovrag | N 50°35'31.70"  E 105°26'51.70" | steppe | Cambic Leptic Calcisol (Arenic) | 701 | -1.2 | 17.3 | 293 | 239 |
| 85 | 2-Z-21 | N 50°58'30.6"  E 106°05'03.8" | steppe | Luvic Chernozem (Loamic) | 774 | -0.6 | 18.1 | 224 | 177 |
| 86 | 3-Z-21 | N 50°58'45.1"  E 106°04'11.1" | mountain taiga | Folic Albic Leptic Podzol (Arenic) | 817 | -0.6 | 18.1 | 325 | 176 |
| 87 | 4-Z-21 | N51°35'39.70"  E107°03'17.94" | steppe | Cambic Leptic Calcisol (Loamic) | 701 | -1.2 | 17.6 | 278 | 198 |
| 88 | B.Kunaley-1 | N 51°25'30.89"  E 107°34'30.00" | steppe | Luvic Chernozem (Loamic) | 735 | -1.7 | 14.6 | 315 | 230 |
| 89 | B.Kunaley-2 | N 51°25'6.61"  E 107°36'11.97" | steppe | Luvic Chernozem (Loamic) | 724 | -1.7 | 16.9 | 315 | 230 |
| 90 | Khorinsk | N 52°13'41.98"  E 109°49'51.16" | steppe | Cambic Leptic Calcisol (Arenic) | 715 | -1.9 | 14.0 | 236 | 187 |
| 91 | Pesterevo | N 51°30'41.5"  E 107°29'16.7" | steppe | Calcic Chernozem (Arenic) | 606 | -1.7 | 14.6 | 315 | 230 |
| 92 | Ust’-Menza-1 | 8 | N 50°13'28.90"  E 108°37'33.10" | subtaiga | Pantofluvic Fluvisol(Loamic) | 734 | -1.7 | 15.7 | 551 | 291 |
| 93 | 16-Z-18 | 9 | N 50°50'01.0"  E 116°19'36.2" | steppe | Luvic Chernozem (Loamic) | 679 | 0.2 | 18.2 | 312 | 261 |
| 94 | 17-Z-18 | N 50°10'36.5"  E 116°17'26.7" | steppe | Leptic Chernozem (Loamic) | 723 | 0.1 | 18.7 | 312 | 263 |
| 95 | 19-Z-18 | N 50°07'21.8"  E 115°58'43.4" | steppe | Leptic Chernozem (Loamic) | 650 | 0.5 | 19.0 | 283 | 238 |

**Table S2.** Depth profiles of carbon and nitrogen content, C/N ratio, pH, stable carbon isotopic composition (δ13C) of organic matter in study sections, the slope of the linear regression (β) between of δ13С and the change in total organic carbon content (on a logarithmic scale) with depth, the standard error of this regression (S) and the determination coefficient (r2)

**Таблица S2.** Внутрипрофильные вариации содержания органического углерода, азота, отношений C/N, pH, δ13C в исследуемых почвах, угол наклона линейной зависимости (β) величин δ13С от изменения содержания органического углерода (в логарифмическом масштабе) с глубиной, стандартная ошибка этой регрессии (S) и коэффициент детерминации (r2)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | Section | Depth, cm | pHwater | Total organic carbon (TOC), % | N, % | C/N | δ13C, ‰ | βδ13C | S | r2 |
| 1 | Nizhniy Bulay- 2-20 | 0-1 | 5.3 | 53.44 | 1.12 | 47.7 | -27.34 | -2.89 | 0.44 | 0.96 |
| 1-4 | 5.7 | 32.76 | 1.38 | 23.7 | -27.26 |
| 4-10 | 5.9 | 6.74 | 0.32 | 21.1 | -25.52 |
| 10-15 | 6.1 | 3.97 | 0.16 | 24.8 | -24.83 |
| 15-20 | 6.2 | 2.05 | 0.06 | 34.2 | -24.09 |
| 20-25 | 6.4 | 1.97 | 0.08 | 24.6 | -23.98 |
| 25-30 | 6.7 | 1.04 | 0.07 | 14.9 | -23.02 |
| 30-35 | 6.6 | 0.81 | 0.07 | 11.6 | -22.66 |
| 35-40 | 6.7 | 1.03 | 0.09 | 11.4 | -22.92 |
| 40-45 | 6.7 | 0.58 | 0.06 | 9.7 | -21.19 |
| 2 | Nizhniy Bulay-2-18 | 0-10 | 5.9 | 2.19 | 0.19 | 11.5 | -25.25 | -3.43 | 0.23 | 0.95 |
| 10-30 | 6.5 | 1.15 | 0.11 | 10.4 | -24.53 |
| 30-40 | 6.6 | 0.85 | 0.07 | 12.1 | -23.77 |
| 3 | Buret’ | 10-25 | 6.1 | 3.39 | 0.21 | 16.1 | -24.15 | -0.81 | 0.33 | 0.82 |
| 25-30 | 6.3 | 0.4 | 0.08 | 4.7 | -23.71 |
| 30-35 | 6.3 | 0.22 | 0.07 | 3.4 | -23.04 |
| 4 | Berezovyi | 0-6 | 5.8 | 2.77 | 0.3 | 9.3 | -25.85 | -3.87 | 0.04 | 0.99 |
| 6-26 | 6.4 | 1.38 | 0.12 | 11.7 | -24.71 |
| 26-49 | 6.9 | 1.41 | 0.13 | 11.0 | -24.69 |
| 5 | Mikhailovka | 0-1 | 5.2 | 43.05 | 0.75 | 57.4 | -27.03 | -1.97 | 0.17 | 0.96 |
| 1-5 | 7.0 | 4.17 | 0.41 | 10.2 | -25.45 |
| 5-10 | 6.9 | 3.39 | 0.34 | 10.0 | -24.82 |
| 10-15 | 7.0 | 2.28 | 0.18 | 12.7 | -24.47 |
| 15-20 | 6.8 | 2.36 | 0.21 | 11.2 | -24.32 |
| 20-25 | 6.8 | 2.16 | 0.19 | 11.4 | -24.34 |
| 25-30 | 6.8 | 1.97 | 0.19 | 10.4 | -24.29 |
| 30-35 | 6.9 | 1.47 | 0.18 | 8.2 | -24.05 |
| 35-40 | 6.9 | 1.24 | 0.12 | 10.3 | -24.1 |
| 40-45 | 7.1 | 1.31 | 0.14 | 9.4 | -24.02 |
| 45-50 | 7.1 | 1.23 | 0.15 | 8.2 | -24.02 |
| 50-55 | 7.2 | 1.03 | 0.11 | 9.4 | -23.9 |
| 55-60 | 7.2 | 1.06 | 0.12 | 8.8 | -24.08 |
| 6 | Fedyaevskyi | 0-1 | 5.7 | 38.18 | 1.26 | 30.3 | -26.61 | -1.17 | 0.17 | 0.90 |
| 1-3 | 6.4 | 4.9 | 0.48 | 10.2 | -25.5 |
| 3-13 | 7.1 | 3.97 | 0.38 | 10.4 | -25.13 |
| 13-20 | 7.3 | 3.59 | 0.34 | 10.6 | -25.39 |
| 20-30 | 7.3 | 4.26 | 0.3 | 14.2 | -25.27 |
| 30-40 | 7.4 | 5.07 | 0.36 | 14.1 | -25.19 |
| 40-50 | 8.1 | 2.34 | 0.21 | 11.1 | -25.13 |
| 50-60 | 8.3 | 1.59 | 0.14 | 11.4 | -24.86 |
| 60-70 | 8.3 | 2.03 | 0.18 | 11.3 | -24.92 |
| 70-80 | 8.4 | 1.68 | 0.18 | 9.3 | -25.15 |
| 7 | Osinovyi-20 | 0-1 | 5.8 | 43.04 | 1.02 | 42.2 | -26.75 | -1.84 | 0.42 | 0.85 |
| 1-3 | 5.9 | 21.01 | 1.43 | 14.7 | -27.12 |
| 3-6 | 6.3 | 10.17 | 0.78 | 13.0 | -26.99 |
| 6-9 | 6.3 | 2.89 | 0.2 | 14.4 | -25.43 |
| 9-13 | 6.4 | 2.27 | 0.2 | 11.3 | -25.23 |
| 13-20 | 6.8 | 0.96 | 0.09 | 10.7 | -24.78 |
| 20-25 | 7.0 | 0.95 | 0.09 | 10.6 | -24.20 |
| 25-30 | 7.1 | 0.87 | 0.04 | 21.7 | -24.46 |
| 30-35 | 7.1 | 1.11 | 0.07 | 15.9 | -24.55 |
| 35-40 | 7.2 | 2.04 | 0.11 | 18.5 | -25.24 |
| 40-45 | 7.4 | 0.65 | 0.06 | 10.8 | -24.19 |
| 45-50 | 7.5 | 0.88 | 0.09 | 9.8 | -24.64 |
| 50-55 | 8.0 | 0.74 | 0.06 | 12.3 | -24.61 |
| 55-60 | 8.3 | 1.05 | 0.12 | 8.7 | -24.09 |
| 60-65 | 8.4 | 1.32 | 0.14 | 9.4 | -24.00 |
| 65-70 | 8.4 | 1.28 | 0.14 | 9.1 | -23.97 |
| 70-75 | 8.4 | 0.81 | 0.1 | 8.1 | -24.03 |
| 75-80 | 8.3 | 0.88 | 0.11 | 8.0 | -23.94 |
| 8 | Osinovyi\_18 | 3-20 | 6.5 | 2.36 | 0.17 | 143 | -25.31 | -3.00 | 0.47 | 0.91 |
| 20-37 | 7.0 | 0.57 | 0.09 | 6.5 | -23.97 |
| 37-50 | 7.7 | 0.35 | 0.06 | 5.8 | -23.18 |
| 50-67 | 8.3 | 0.31 | 0.08 | 3.7 | -22.32 |
| 9 | Taiturka-1 | 30-65 | 7.7 | 4.11 | 0.41 | 10.0 | -24.51 | - | - | - |
| 10 | Taiturka-2 | 30-40 | 7.8 | 5.3 | 0.47 | 11.4 | -24.82 | - | - | - |
| 11 | Belaya | 5-7 | 7.2 | 3.38 | 0.37 | 9.1 | -25.98 | - | - | - |
| 12 | Lastochkino Gnezdo-2 | 15-30 | 7.0 | 5.56 | 0.6 | 9.3 | -24.19 | -0.68 | 0.00 | 1.00 |
| 30-40 | 7.3 | 1.75 | 0.22 | 7.9 | -23.85 |
| 13 | Onot-1 | 0-1 | 4.7 | 45.61 | 1.38 | 33.0 | -32.54 | -4.29 | 1.49 | 0.77 |
| 1-4 | 4.7 | 53.01 | 1.74 | 30.5 | -28.07 |
| 9-12 | 3.8 | 21.45 | 0.91 | 23.6 | -26.82 |
| 12-15 | 3.8 | 12.8 | 0.56 | 22.9 | -25.81 |
| 15-20 | 4.2 | 13.78 | 0.43 | 32.0 | -26.06 |
| 20-25 | 4.4 | 3.31 | 0.24 | 13.8 | -25.12 |
| 25-35 | 4.1 | 4.59 | 0.37 | 12.4 | -24.25 |
| 35-44 | 4.6 | 2.51 | 0.25 | 10.0 | -23.38 |
| 44-50 | 4.7 | 1.59 | 0.18 | 8.8 | -22.90 |
| 50-60 | 4.9 | 1.13 | 0.15 | 7.5 | -23.01 |
| 14 | Onot-2 | 0-3 | 5.6 | 51.8 | 1.43 | 36.2 | -29.11 | -2.38 | 0.28 | 0.98 |
| 3-9 | 5.2 | 41.67 | 1.82 | 22.9 | -28.75 |
| 9-17 | 4.6 | 7.67 | 0.46 | 16.7 | -26.31 |
| 17-20 | 4.9 | 2.63 | 0.21 | 12.5 | -25.62 |
| 20-30 | 4.9 | 1.02 | 0.11 | 9.3 | -24.98 |
| 30-35 | 5.0 | 0.89 | 0.09 | 9.9 | -24.89 |
| 35-45 | 5.0 | 0.53 | 0.05 | 10.6 | -24.61 |
| 45-55 | 5.3 | 0.37 | 0.04 | 9.2 | -23.7 |
| 55-65 | 5.2 | 0.48 | 0.06 | 8.0 | -23.63 |
| 15 | Yulinsk-1 | 0-7 | 5.5 | 6.86 | 0.53 | 13.0 | -28.04 | -6.07 | 0.28 | 0.98 |
| 7-11 | 5.6 | 3.66 | 0.31 | 11.7 | -26.79 |
| 11-18 | 5.7 | 2.4 | 0.23 | 10.2 | -25.14 |
| 20-30 | 6.1 | 1.38 | 0.1 | 13.7 | -23.94 |
| 16 | Yulinsk-3 | 0-2 | 4.7 | 32.57 | 0.99 | 32.9 | -28.21 | -3.16 | 0.33 | 0.97 |
| 2-10 | 4.7 | 31.13 | 1.13 | 27.5 | -28.32 |
| 10-20 | 6.1 | 10.5 | 0.47 | 22.3 | -26.81 |
| 20-25 | 6.9 | 4.15 | 0.27 | 15.2 | -25.85 |
| 25-38 | 7.3 | 2.3 | 0.18 | 12.6 | -24.86 |
| 40-55 | 7.8 | 2.85 | 0.26 | 11.0 | -24.47 |
| 17 | Yulinsk-4 | 0-8 | 5.4 | 13.07 | 0.8 | 16.3 | -26.91 | -3.17 | 0.50 | 0.92 |
| 8-14 | 5.1 | 4.15 | 0.27 | 15.3 | -25.6 |
| 14-19 | 5.2 | 2.72 | 0.17 | 16.0 | -25.23 |
| 19-25 | 5.5 | 1.73 | 0.15 | 11.7 | -24.34 |
| 25-34 | 6.1 | 0.51 | 0.05 | 10.6 | -21.85 |
| 34-62 | 7.0 | 0.77 | 0.12 | 6.2 | -23.87 |
| 62-75 | 7.5 | 0.75 | 0.09 | 8.6 | -23.39 |
| 18 | K1/20 | 0-4 | 4.9 | 49.77 | 0.9 | 55.3 | -27.9 | -2.41 | 0.05 | 0.99 |
| 4-7 | 4.9 | 16.22 | 0.75 | 21.6 | -26.81 |
| 7-13 | 4.8 | 10.86 | 0.65 | 16.7 | -26.34 |
| 13-18 | 4.8 | 5.0 | 0.29 | 17.2 | -25.6 |
| 18-20 | 5.0 | 4.4 | 0.27 | 16.3 | -25.33 |
| 20-25 | 5.0 | 2.98 | 0.19 | 15.7 | -24.93 |
| 25-30 | 5.3 | 1.9 | 0.13 | 14.6 | -24.53 |
| 30-45 | 5.4 | 1.05 | 0.08 | 13.1 | -23.89 |
| 19 | K3/20 | 0-2 | 4.8 | 42.84 | 1.13 | 37.9 | -28.64 | -2.55 | 0.43 | 0.93 |
| 2-5 | 5.6 | 5.63 | 0.37 | 15.2 | -27.49 |
| 5-10 | 5.7 | 5.37 | 0.37 | 14.5 | -26.43 |
| 10-15 | 5.7 | 2.42 | 0.2 | 12.1 | -25.89 |
| 15-20 | 5.3 | 0.98 | 0.07 | 14.0 | -24.56 |
| 20-25 | 5.5 | 1.14 | 0.1 | 11.4 | -24.58 |
| 25-30 | 5.5 | 0.89 | 0.1 | 8.9 | -24.32 |
| 30-35 | 5.9 | 0.57 | 0.08 | 7.1 | -23.96 |
| 35-40 | 6.2 | 0.65 | 0.12 | 5.4 | -24.43 |
| 40-45 | 6.5 | 0.72 | 0.11 | 6.5 | -24.20 |
| 45-50 | 6.7 | 0.83 | 0.09 | 9.2 | -25.28 |
| 20 | Kitoy-2019 | 0-3 | 5.7 | 42.18 | 1.16 | 36.4 | -27.34 | -2.37 | 0.59 | 0.90 |
| 3-10 | 5.7 | 12.31 | 0.94 | 13.1 | -27.36 |
| 10-15 | 5.3 | 5.81 | 0.43 | 13.5 | -26.01 |
| 15-30 | 5.5 | 1.29 | 0.11 | 11.5 | -23.41 |
| 30-35 | 6.0 | 0.84 | 0.08 | 10.8 | -23.95 |
| 40-50 | 6.2 | 0.75 | 0.11 | 6.8 | -24.03 |
| 60-70 | 7.2 | 0.87 | 0.12 | 7.6 | -23.84 |
| 21 | Mezhdurech’e | 0-2 | 6.1 | 36.72 | 1.04 | 35.2 | -29.07 | -4.64 | 0.73 | 0.95 |
| 2-4 | 6.1 | 18.75 | 1.19 | 15.7 | -27.80 |
| 4-8 | 5.7 | 7.33 | 0.45 | 16.2 | -26.26 |
| 8-12 | 5.1 | 3.63 | 0.18 | 20.4 | -25.37 |
| 12-18 | 5.0 | 2.28 | 0.14 | 16.2 | -24.44 |
| 18-30 | 5.3 | 0.51 | 0.04 | 14.5 | -19.75 |
| 30-40 | 5.7 | 1.89 | 0.06 | 29.6 | -24.21 |
| 22 | Novostroyka-1 | 0-3 | 4.4 | 41.85 | 1.45 | 28.9 | -28.52 | -2.83 | 0.59 | 0.91 |
| 3-6 | 4.2 | 6.59 | 0.36 | 18.2 | -27.6 |
| 6-12 | 4.4 | 2.41 | 0.17 | 14.0 | -26.04 |
| 12-30 | 5.1 | 0.98 | 0.09 | 11.3 | -23.98 |
| 30-40 | 5.2 | 1.59 | 0.12 | 12.7 | -25.1 |
| 40-50 | 5.4 | 0.78 | 0.07 | 10.6 | -23.96 |
| 50-60 | 5.7 | 2.39 | 0.19 | 12.6 | -24.97 |
| 23 | Novostroyka-2 | 0-4 | 5.5 | 5.58 | 0.49 | 11.3 | -27.40 | -3.65 | 0.10 | 0.99 |
| 4-8 | 5.3 | 3.25 | 0.3 | 11.0 | -26.49 |
| 8-25 | 5.9 | 0.77 | 0.07 | 11.5 | -24.18 |
| 25-45 | 6.3 | 1.07 | 0.16 | 6.6 | -24.88 |
| 24 | Bol’shaya Belaya | 0-9 | 6.0 | 11.13 | 1.04 | 10.7 | -27.17 | -4.75 | 0.20 | 0.99 |
| 9-14 | 6.1 | 6.23 | 0.62 | 10.0 | -26.22 |
| 14-24 | 6.3 | 3.26 | 0.35 | 9.31 | -24.89 |
| 24-34 | 6.3 | 2.6 | 0.25 | 10.4 | -24.10 |
| 25 | Irkut-2 | 0-6 | 6.2 | 4.75 | 0.11 | 43.2 | -27.76 | -1.39 | 0.76 | 0.50 |
| 6-24 | 6.8 | 2.56 | 0.09 | 28.4 | -26.03 |
| 24-39 | 6.7 | 1.81 | 0.18 | 10.0 | -26.08 |
| 39-49 | 6.6 | 0.41 | 0.03 | 13.7 | -25.88 |
| 26 | 2K/21 | 0-2 | - | 50.85 | 1.45 | 35.1 | -29.49 | -2.33 | 0.28 | 0.98 |
| 2-6 | - | 42.58 | 1.59 | 26.7 | -29.28 |
| 6-11 | 5.09 | 10.66 | 0.49 | 21.9 | -27.47 |
| 11-20 | - | 2.33 | 0.1 | 24.1 | -26.44 |
| 27 | 4K/21 | 0-1 | - | 12.71 | 0.58 | 22.0 | -28.78 | -3.8 | 0.00 | 1.00 |
| 1-5 | 5.01 | 3.23 | 0.24 | 13.2 | -26.52 |
| 28 | 5K/21 | 2-8 | - | 22.46 | 0.87 | 25.9 | -29.95 | -4.33 | 0.80 | 0.90 |
| 8-13 | 4.7 | 10.34 | 0.51 | 20.3 | -27.47 |
| 13-23 | - | 3.86 | 0.23 | 16.9 | -26.56 |
| 29 | 6K/21 | 0-2 | - | 53.35 | 1.19 | 44.9 | -29.78 | -2.33 | 0.50 | 0.95 |
| 2-6 | - | 49.58 | 1.5 | 33.2 | -28.93 |
| 6-14 | 4.93 | 8.65 | 0.19 | 45.2 | -27.68 |
| 14-25 | - | 2.87 | 0.13 | 21.9 | -27.06 |
| 25-40 | - | 0.81 | 0.07 | 11.7 | -24.86 |
| 30 | 7K/21 | 4-7 | - | 32.71 | 1.09 | 30.0 | -29.46 | -4.59 | 1.00 | 0.85 |
| 7-12 | 5.1 | 15.75 | 0.73 | 21.6 | -29.50 |
| 17-20 | - | 4.94 | 0.25 | 20.0 | -26.83 |
| 20-52 | - | 3.99 | 0.33 | 12.3 | -25.12 |
| 31 | 12K/21 | 1-12 | - | 13.6 | 0.72 | 19.0 | -29.37 | -5.28 | 1.06 | 0.80 |
| 12-21 | 6.11 | 8.26 | 0.63 | 13.1 | -26.51 |
| 21-34 | - | 4.81 | 0.42 | 11.4 | -25.48 |
| 34-45 | - | 2.34 | 0.2 | 11.7 | -25.08 |
| 32 | C1 | 0-3 | 3.9 | 32.08 | 1.56 | 20.6 | -24.72 | -0.95 | 0.00 | 1.00 |
| 3-20 | 4.3 | 1.58 | 0.15 | 10.5 | -23.48 |
| 33 | C2 | 0-1 | 4.6 | 54.84 | 1.25 | 43.8 | -26.94 | -2.62 | 0.90 | 0.86 |
| 1-5 | 4.7 | 52.64 | 2.11 | 24.9 | -27.40 |
| 5-9 | 3.8 | 55.8 | 2.52 | 22.1 | -27.67 |
| 9-18 | 3.9 | 16.53 | 0.56 | 29.5 | -25.61 |
| 18-26 | 4.4 | 3.08 | 0.14 | 22.0 | -25.72 |
| 26-36 | 4.8 | 1.44 | 0.16 | 9.0 | -23.34 |
| 36-50 | 5.3 | 0.88 | 0.11 | 8.0 | -21.67 |
| 34 | C3 | 0-3 | 5.1 | 45.4 | 1.54 | 29.5 | -28.26 | -2.45 | 0.30 | 0.95 |
| 3-6 | 5.0 | 40.88 | 2.0 | 20.4 | -28.02 |
| 6-9 | 4.9 | 12.29 | 0.79 | 15.6 | -27.14 |
| 9-19 | 5.3 | 4.92 | 0.37 | 13.3 | -25.94 |
| 19-27 | 5.3 | 4.07 | 0.33 | 12.3 | -25.95 |
| 27-33 | 5.4 | 4.47 | 0.48 | 9.3 | -25.26 |
| 33-40 | 5.4 | 3.98 | 0.3 | 13.3 | -25.71 |
| 35 | C5 | 0-2 | 4.8 | 52.8 | 1.06 | 49.8 | -27.97 | -1.01 | 0.11 | 0.98 |
| 2-4 | 5.1 | 51.83 | 1.88 | 27.6 | -27.93 |
| 4-6 | 4.7 | 13.52 | 0.63 | 21.5 | -27.18 |
| 6-15 | 5.0 | 1.96 | 0.12 | 16.3 | -26.52 |
| 36 | C6 | 0-1 | 5.8 | 47.95 | 1.74 | 27.6 | -27.32 | -2.06 | 0.12 | 0.98 |
| 1-3 | 6.7 | 43.6 | 3.18 | 13.7 | -27.06 |
| 3-10 | 6.3 | 12.71 | 0.79 | 16.1 | -26.05 |
| 37 | C8 | 0-1 | 5.7 | 10.82 | 0.74 | 14.6 | -25.37 | -1.23 | 0.40 | 0.63 |
| 1-7 | 6.6 | 8.12 | 0.82 | 9.9 | -26.22 |
| 7-13 | 6.8 | 8.93 | 0.94 | 9.5 | -25.44 |
| 13-20 | 7.1 | 2.63 | 0.27 | 9.7 | -24.71 |
| 20-28 | 7.2 | 1.34 | 0.15 | 8.9 | -24.68 |
| 28-45 | 7.4 | 1.96 | 0.19 | 10.3 | -24.82 |
| 38 | C9 | 0-1 | - | 47.65 | 0.55 | 86.6 | -26.57 | -5.62 | 0.90 | 0.86 |
| 1-7 | 7.8 | 12.69 | 1.48 | 8.6 | -24.55 |
| 7-11 | 8.1 | 10.86 | 1.33 | 8.2 | -22.83 |
| 11-20 | 8.0 | 10.02 | 1.23 | 8.1 | -22.28 |
| 39 | Ch1 | 0-2 | 5.6 | 44.44 | 2.06 | 21.6 | -26.84 | -2.13 | 0.50 | 0.85 |
| 2-4 | 5.7 | 44.84 | 2.68 | 16.7 | -27.09 |
| 4-9 | 6.0 | 28.51 | 2.08 | 13.7 | -25.85 |
| 9-15 | 6.4 | 9.09 | 0.74 | 12.3 | -25.22 |
| 15-20 | 6.7 | 7.1 | 0.54 | 13.1 | -24.22 |
| 20-28 | 6.6 | 5.03 | 0.44 | 11.4 | -24.26 |
| 28-35 | 6.7 | 5.16 | 0.43 | 12.0 | -24.79 |
| 35-40 | 6.5 | 3.27 | 0.27 | 12.1 | -23.67 |
| 40-50 | 6.5 | 3.25 | 0.25 | 13.0 | -24.04 |
| 50-60 | 6.8 | 1.22 | 0.11 | 11.1 | -24.11 |
| 40 | Ch2 | 0-1 | 4.4 | 58.3 | 1.26 | 46.3 | -28.22 | -1.56 | 0.73 | 0.71 |
| 1-4 | 4.4 | 54.58 | 1.89 | 28.9 | -27.36 |
| 4-12 | 4.1 | 40.49 | 1.32 | 30.7 | -26.38 |
| 12-17 | 4.2 | 4.02 | 0.14 | 28.7 | -26.47 |
| 17-30 | 4.3 | 3.44 | 0.29 | 11.9 | -25.53 |
| 30-35 | 4.4 | 2.26 | 0.23 | 9.8 | -24.79 |
| 41 | Ch3 | 0-1 | 5.0 | 58.48 | 1.99 | 29.4 | -27.10 | -1.84 | 0.65 | 0.71 |
| 1-4 | 6.0 | 37.63 | 2.45 | 15.4 | -27.93 |
| 4-9 | 5.5 | 8.5 | 0.8 | 10.6 | -26.29 |
| 9-15 | 5.1 | 7.16 | 0.67 | 10.7 | -25.62 |
| 42 | Sarma-1 | 0-6 | 6.7 | 3.56 | 0.43 | 8.27 | -24.75 | -0.83 | 0.22 | 0.70 |
| 6-17 | 6.6 | 1.72 | 0.22 | 7.65 | -24.39 |
| 17-44 | 7.3 | 0.86 | 0.1 | 8.66 | -23.84 |
| 44-83 | 7.5 | 0.65 | 0.1 | 6.52 | -24.19 |
| 83-100 | - | 0.51 | 0.09 | 5.67 | -24.10 |
| 43 | Horga | 0-4 | 7.7 | 1.93 | 0.18 | 10.7 | -24.34 | - | - | - |
| 44 | Anga | 14-23 | 7.9 | 6.52 | 0.55 | 11.8 | -24.42 | - | - | - |
| 45 | Krestovyi | 0-4 | - | 40.01 | 1.28 | 31.3 | -25.86 | -3.72 | 1.81 | 0.79 |
| 4-26 | 7.9 | 3.33 | 0.41 | 8.1 | -23.97 |
| 26-38 | 8.1 | 1.66 | 0.23 | 7.3 | -22.76 |
| 38-58 | 8.3 | 0.58 | 0.08 | 7.5 | -18.19 |
| 46 | Trekhgolovyi | 0-4 | - | 5.5 | 0.72 | 23.5 | -26.52 | -1.32 | 0.25 | 0.75 |
| 4-8 | - | 2.79 | 0.63 | 23.9 | -26.54 |
| 8-10 | - | 1.79 | 0.42 | 14.1 | -25.87 |
| 10-13 | - | 1.48 | 0.20 | 17.4 | -25.79 |
| 47 | 293 | 0-1 | 6.4 | 50.0 | 1.36 | 36.7 | -29.51 | -3.57 | 0.20 | 0.99 |
| 1-2 | 6.8 | 32.6 | 1.53 | 21.3 | -28.69 |
| 2-16 | 6.8 | 3.3 | 0.22 | 15.2 | -25.47 |
| 22-30 | 7.2 | 1.3 | 0.12 | 11.0 | -23.87 |
| 30-38 | 7.3 | 1.4 | 0.11 | 12.4 | -23.68 |
| 48 | 357 | 0-1 | 5.5 | 40.7 | 1.17 | 34.8 | -29.61 | -3.15 | 0.21 | 0.99 |
| 1-2 | 6.1 | 41.3 | 1.71 | 24.1 | -29.10 |
| 2-6 | 5.5 | 8.3 | 0.36 | 22.9 | -27.12 |
| 6-8 | 5.8 | 6.8 | 0.30 | 22.8 | -26.98 |
| 8-25 | 6.3 | 1.2 | 0.05 | 23.2 | -24.68 |
| 25-42 | 6.6 | 0.5 | 0.03 | 16.0 | -23.22 |
| 49 | Haribyaty | 0-1 | - | 50.0 | 2.21 | 22.6 | -29.07 | -3.65 | 0.38 | 0.97 |
| 1-2 | 6.1 | 35.4 | 2.37 | 14.9 | -27.98 |
| 2-4 | 5.4 | 15.6 | 1.26 | 12.3 | -27.22 |
| 4-9 | 5.2 | 10.7 | 0.78 | 13.7 | -26.01 |
| 9-15 | 5.5 | 9.3 | 0.68 | 13.6 | -25.81 |
| 15-20 | 5.7 | 4.8 | 0.36 | 13.2 | -25.46 |
| 20-30 | 6.2 | 2.3 | 0.17 | 13.4 | -24.31 |
| 30-50 | 6.8 | 1.9 | 0.16 | 12.0 | -23.23 |
| 50 | 278 | 0-1 | 6.2 | 26.61 | 1.49 | 17.9 | -26.12 | -1.09 | 0.36 | 0.74 |
| 1-3 | 7.5 | 5.0 | 0.57 | 8.8 | -25.50 |
| 3-17 | 7.8 | 6.8 | 0.68 | 10.1 | -25.15 |
| 51 | Zaktui | 1-3 | 6.7 | 41.8 | 1.74 | 24.0 | -28.08 | -2.93 | 1.15 | 0.68 |
| 3-10 | 5.3 | 6.2 | 0.51 | 12.2 | -27.79 |
| 10-18 | 4.9 | 4.4 | 0.43 | 10.2 | -25.12 |
| 18-30 | 5.1 | 4.7 | 0.34 | 13.7 | -24.86 |
| 30-40 | 5.1 | 1.4 | 0.13 | 10.9 | -23.77 |
| 40-50 | 5.4 | 9.6 | 0.57 | 16.8 | -24.87 |
| 50-70 | 5.6 | 1.2 | 0.12 | 9.7 | -23.28 |
| 52 | 501/1 | 0-1 | 5.3 | 52.34 | 0.92 | 57.0 | -27.87 | -1.84 | 0.45 | 0.94 |
| 1-4 | 5.2 | 27.1 | 0.95 | 28.5 | -27.74 |
| 4-10 | 6.2 | 3.6 | 0.13 | 27.6 | -26.42 |
| 10-34 | 6.7 | 0.7 | 0.06 | 11.2 | -24.17 |
| 34-46 | 6.8 | 0.9 | 0.03 | 29.7 | -25.18 |
| 53 | 185/1 | 0-3 | 5.3 | 52.9 | 1.12 | 47.2 | -26.70 | -1.03 | 0.88 | 0.42 |
| 3-6 | 5.3 | 8.1 | 0.35 | 23.2 | -25.54 |
| 6-10 | 5.1 | 5.7 | 0.38 | 14.9 | -25.12 |
| 10-19 | 5.9 | 1.6 | 0.15 | 10.7 | -24.78 |
| 19-29 | 6.9 | 1.5 | 0.15 | 9.9 | -24.38 |
| 29-37 | 7.5 | 9.4 | 1.1 | 8.5 | -23.68 |
| 54 | 179 | 0-0,5 | 4.7 | 53.52 | 0.98 | 54.5 | -28.03 | -1.58 | 0.38 | 0.93 |
| 0,5-1 | 5.4 | 49.18 | 0.93 | 52.9 | -27.59 |
| 1-2 | 4.9 | 7.0 | 0.16 | 43.9 | -26.93 |
| 2-10 | 5.6 | 2.6 | 0.07 | 37.1 | -25.41 |
| 10-30 | 6.5 | 0.9 | 0.04 | 22.7 | -25.18 |
| 55 | 110 | 0-12 | 7.1 | 15.8 | 0.35 | 15.1 | -24.91 | -1.83 | 0.00 | 1.00 |
| 12-35 | 7.3 | 2.9 | 0.23 | 13.5 | -23.56 |
| 56 | 113 | 0-1 | 5.5 | 46.1 | 0.55 | 84.4 | -27.53 | -2.51 | 1.01 | 0.52 |
| 1-10 | 6.1 | 9.3 | 0.6 | 15.5 | -27.06 |
| 10-20 | 6.7 | 4.8 | 0.37 | 13.0 | -24.67 |
| 20-35 | 6.7 | 9.1 | 0.71 | 12.9 | -25.52 |
| 35-45 | 6.9 | 13.1 | 1.13 | 11.6 | -25.03 |
| 57 | 114 | 0-1 | 6.1 | 51.5 | 2.11 | 24.4 | -28.11 | -2.86 | 0.43 | 0.92 |
| 1-5 | 5.6 | 14.5 | 0.88 | 16.5 | -27.02 |
| 5-10 | 5.1 | 7.1 | 0.42 | 16.9 | -25.99 |
| 10-20 | 5.1 | 6.9 | 0.39 | 17.6 | -25.31 |
| 58 | 114/1 | 0-3 | 4.9 | 46.2 | 1.49 | 31.0 | -28.75 | -3.41 | 0.54 | 0.92 |
| 3-5 | 5.3 | 39.1 | 2.64 | 14.8 | -28.19 |
| 5-13 | 5.2 | 21.8 | 1.54 | 14.1 | -26.63 |
| 13-27 | 5.7 | 5.0 | 0.38 | 13.1 | -25.30 |
| 59 | 115/1 | 0-3 | 4.7 | 51.1 | 1.25 | 40.9 | -29.54 | -12.75 | 0.79 | 0.89 |
| 3-6 | 5.2 | 49.5 | 1.16 | 42.7 | -29.03 |
| 6-11 | 5.6 | 48.0 | 1.71 | 28.1 | -27.49 |
| 11-17 | 7.2 | 28.8 | 2.15 | 13.4 | -25.33 |
| 17-24 | 7.7 | 23.9 | 1.5 | 15.9 | -24.98 |
| 60 | Turan | 2-5 | 7.2 | 33.83 | 2.4 | 14.1 | -29.71 | -3.18 | 1.25 | 0.81 |
| 5-9 | 7.9 | 29.36 | 1.95 | 15.0 | -27.75 |
| 9-13 | 7.8 | 3.13 | 0.23 | 13.3 | -25.62 |
| 61 | Mondy-1 | 0-1 | 5.1 | 44.3 | 0.65 | 68.4 | -27.39 | -2.05 | 1.19 | 0.64 |
| 1-5 | 7.0 | 15.98 | 1.56 | 10.2 | -27.09 |
| 5-14 | 7.6 | 7.35 | 0.85 | 8.6 | -25.14 |
| 14-28 | 8.0 | 4.16 | 0.49 | 8.5 | -24.02 |
| 28-55 | 7.7 | 5.25 | 0.65 | 8.1 | -22.68 |
| 55-70 | 8.5 | 1.01 | 0.10 | 10.1 | -23.89 |
| 70-85 | 8.8 | 0.81 | 0.06 | 13.5 | -23.39 |
| 62 | Mondy-2 | 0-3 | 5.2 | 46.27 | 0.6 | 77.3 | -28.01 | -3.28 | 0.75 | 0.88 |
| 3-5 | 6.3 | 27.2 | 1.66 | 16.4 | -26.84 |
| 5-6 | 6.1 | 12.28 | 0.83 | 14.8 | -26.22 |
| 6-11 | 6.3 | 6.62 | 0.51 | 13.0 | -25.02 |
| 11-21 | 7.7 | 1.92 | 0.2 | 9.6 | -23.73 |
| 21-34 | 8.2 | 4.33 | 0.52 | 8.3 | -23.02 |
| 63 | Mondy-3 | 0-4 | 6.5 | 47.53 | 1.86 | 25.5 | -29.10 | -1.35 | 1.83 | 0.38 |
| 4-12 | 6.1 | 47.16 | 3.45 | 13.7 | -26.40 |
| 12-20 | 6.2 | 44.67 | 3.27 | 13.7 | -25.54 |
| 20-35 | 6.5 | 5.24 | 0.43 | 12.2 | -24.71 |
| 64 | Mondy-4 | 0-1 | 5.2 | 50.99 | 1.44 | 35.4 | -27.81 | -3.26 | 0.86 | 0.89 |
| 1-3 | 6.0 | 42.96 | 1.59 | 27.0 | -27.77 |
| 3-7 | 6.1 | 7.71 | 0.49 | 15.7 | -26.17 |
| 7-20 | 7.1 | 1.78 | 0.13 | 13.7 | -23.63 |
| 20-30 | 8.2 | 3.68 | 0.35 | 10.5 | -23.13 |
| 65 | 98 p. | 0-14 | 5.5 | 6.07 | 0.51 | 11.8 | -24.98 | - | - | - |
| 66 | 99 p. | 0-19 | 5.6 | 6.65 | 0.39 | 16.9 | -25.39 | - | - | - |
| 67 | 100 p. | 0-15 | 4.1 | 5.44 | 0.31 | 17.4 | -26.46 | - | - | - |
| 68 | 101 p. | 0-25 | 4.4 | 25.13 | 1.63 | 15.4 | -25.59 | - | - | - |
| 69 | 102 p. | 0-25 | 6.3 | 30.2 | 1.41 | 21.5 | -25.42 | - | - | - |
| 70 | 103 p. | 0-15 | 7.2 | 44.24 | 1.51 | 29.3 | -25.35 | -1.18 | 0.00 | 1.00 |
| 15-30 | 7.3 | 14.81 | 1.21 | 12.2 | -24.79 |
| 71 | 104 p. | 0-20 | - | 42.15 | 2.88 | 14.6 | -25.68 | - | - | - |
| 72 | 41 p. | 0-5 | 6.3 | 35.69 | 0.65 | 54.9 | -28.21 | -1.79 | 1.01 | 0.59 |
| 5-13 | 7.0 | 29.81 | 0.54 | 55.2 | -26.65 |
| 13-34 | 7.1 | 4.96 | 0.27 | 18.4 | -26.07 |
| 73 | 43 p. | 0-4 | 5.3 | 47.7 | 1.22 | 39.2 | -27.90 | -2.44 | 0.30 | 0.98 |
| 4-8 | 6.6 | 6.29 | 0.34 | 18.3 | -26.10 |
| 8-30 | 7.0 | 1.67 | 0.09 | 17.9 | -24.30 |
| 74 | 506 (M1.1) | 0-2 | 5.4 | 28.12 | 0.64 | 43.9 | -28.66 | -1.06 | 0.00 | 1.00 |
| 2-5 | 4.8 | 3.14 | 0.12 | 26.2 | -27.65 |
| 75 | 507 (M1.2) | 0-9 | 5.2 | 29.19 | 0.55 | 53.1 | -28.73 | -1.93 | 0.53 | 0.95 |
| 9-23 | 4.2 | 4.99 | 0.15 | 33.3 | -27.92 |
| 23-30 | 4.4 | 0.55 | 0.08 | 6.9 | -25.45 |
| 76 | 508 (M1.3) | 0-3 | 5.5 | 36.18 | 0.85 | 42.6 | -28.54 | -1.48 | 0.08 | 0.99 |
| 3-6 | 5.3 | 7.59 | 0.41 | 18.5 | -27.45 |
| 6-10 | 4.4 | 3.26 | 0.22 | 14.8 | -27.01 |
| 77 | 509 (M2.4) | 0-3 | 5.2 | 47.15 | 0.91 | 51.8 | -29.41 | -2.09 | 0.00 | 1.00 |
| 3-7 | 4.6 | 11.53 | 0.68 | 17.0 | -28.13 |
| 78 | 510 (M 2.5) | 0-3 | 4.5 | 43.01 | 0.81 | 53.1 | -29.11 | -1.62 | 0.00 | 1.00 |
| 3-9 | 4.3 | 9.02 | 0.45 | 20.0 | -28.01 |
| 79 | 2-Z-18 | 0-13 | 7.3 | 0.85 | 0.11 | 7.7 | -23.01 | - | - | - |
| 80 | 5-Z-18 | 0-2 | 7.4 | 41.95 | 0.99 | 42.2 | -27.22 | -1.23 | 0.11 | 0.99 |
| 2-10 | 7.5 | 5.65 | 0.65 | 8.7 | -26.09 |
| 10-18 | 7.9 | 2.44 | 0.32 | 7.6 | -25.81 |
| 18-23 | 8.3 | 1.56 | 0.28 | 5.6 | -25.38 |
| 81 | 9-Z-18 | 0-2 | 6.8 | 43.68 | 0.91 | 47.8 | -26.35 | -0.91 | 0.18 | 0.91 |
| 2-8 | 6.8 | 5.63 | 0.63 | 8.9 | -25.90 |
| 8-23 | 7.1 | 4.89 | 0.47 | 10.4 | -25.59 |
| 23-48 | 7.5 | 3.21 | 0.39 | 8.2 | -25.33 |
| 48-54 | 8.0 | 1.41 | 0.24 | 5.9 | -24.98 |
| 82 | 11-Z-18 | 0-2 | 6.8 | 45.12 | 0.92 | 49.3 | -25.59 | -0.62 | 0.11 | 0.98 |
| 2-9 | 6.8 | 4.1 | 0.49 | 8.4 | -24.82 |
| 9-11 | 7.4 | 1.03 | 0.23 | 4.5 | -24.59 |
| 83 | 1-Z-21 | 0-1 | 6.7 | 6.31 | 0.65 | 9.6 | -26.58 | -1.69 | 0.47 | 0.82 |
| 1-4 | 7.6 | 5.02 | 0.55 | 9.5 | -25.75 |
| 4-10 | 7.6 | 1.03 | 0.14 | 9.8 | -24.99 |
| 84 | 1-Z-21 ovrag | 0-5 | 6.9 | 4.91 | 0.62 | 7.9 | -25.35 | -1.28 | 0.03 | 0.99 |
| 5-15 | 7.4 | 1.56 | 0.13 | 12.1 | -24.75 |
| 15-35 | 7.9 | 0.74 | 0.07 | 9.9 | -24.29 |
| 85 | 2-Z-21 | 0-1 | - | 46.4 | 0.93 | 50.0 | -26.01 | -1.9 | 0.89 | 0.73 |
| 1-5 | - | 12.73 | 1.29 | 9.9 | -25.97 |
| 5-25 | 7.8 | 5.57 | 0.65 | 8.6 | -23.61 |
| 25-35 | - | 3.68 | 0.43 | 8.6 | -23.16 |
| 35-45 | - | 0.73 | 0.08 | 8.8 | -23.15 |
| 86 | 3-Z-21 | 0-2 | - | 55.12 | 0.42 | 131 | -25.61 | -1.04 | 0.82 | 0.61 |
| 2-7 | - | 49.34 | 1.25 | 39.4 | -26.29 |
| 7-23 | - | 25.86 | 0.98 | 26.4 | -26.92 |
| 23-35 | 6.9 | 7.62 | 0.35 | 21.5 | -24.59 |
| 35-50 | - | 0.48 | 0.04 | 12.0 | -24.19 |
| 87 | 4-Z-21 | 0-3 | - | 4.87 | 0.54 | 9.1 | -25.23 | -1.43 | 0.54 | 0.56 |
| 3-15 | 7.7 | 1.4 | 0.17 | 8.3 | -24.32 |
| 15-30 | - | 2.62 | 0.29 | 9.1 | -23.77 |
| 30-45 | - | 0.78 | 0.1 | 8.0 | -23.39 |
| 45-60 | - | 0.65 | 0.09 | 7.0 | -23.90 |
| 88 | B.Kunaley-1 | 90-100 | 8.2 | 5.15 | 0.63 | 8.2 | -24.49 | -0.96 | 0.00 | 1.00 |
| 115-125 | 8.1 | 0.69 | 0.11 | 6.3 | -23.65 |
| 89 | B.Kunaley-2 | 0-25 | 7.9 | 1.51 | 0.2 | 7.5 | -24.50 | -1.59 | 0.00 | 1.00 |
| 25-55 | 8.0 | 0.54 | 0.09 | 5.8 | -23.80 |
| 90 | Khorinsk | 17-33 | 7.5 | 0.83 | 0.14 | 5.9 | -24.17 | -1.35 | 0.00 | 1.00 |
| 33-35 | 8.4 | 0.35 | 0.08 | 4.3 | -23.70 |
| 91 | Pesterevo | 4-17 | 7.5 | 0.64 | 0.14 | 4.6 | -24.60 | -1.43 | 0.68 | 0.28 |
| 17-35 | 7.4 | 0.5 | 0.1 | 5.0 | -23.52 |
| 35-68 | 7.7 | 0.25 | 0.05 | 5.0 | -23.77 |
| 92 | Ust’-Menza-1 | 0-27 | 6.3 | 2.91 | 0.08 | 36.4 | -26.03 | -1.12 | 0.37 | 0.57 |
| 40-50 | 5.8 | 1.03 | 0.08 | 12.9 | -24.92 |
| 50-60 | 5.6 | 0.75 | 0.04 | 18.7 | -25.31 |
| 111-119 | 7.0 | 0.55 | 0.02 | 27.5 | -25.27 |
| 93 | 16-Z-18 | 0-9 | 6.5 | 6.81 | 0.87 | 7.8 | -25.03 | -1.2 | 0.09 | 0.98 |
| 9-23 | 6.5 | 4.27 | 0.50 | 8.5 | -24.92 |
| 23-30 | 6.9 | 2.12 | 0.33 | 6.4 | -24.39 |
| 30-40 | 7.0 | 0.56 | 0.12 | 4.7 | -23.78 |
| 94 | 17-Z-18 | 0-10 | 6.5 | 2.9 | 0.38 | 7.6 | -24.84 | -1.21 | 0.17 | 0.92 |
| 10-14 | 6.4 | 1.17 | 0.26 | 4.5 | -24.55 |
| 14-16 | 6.5 | 0.63 | 0.15 | 4.2 | -24.01 |
| 95 | 19-Z-18 | 0-9 | 6.2 | 2.61 | 0.36 | 7.3 | -22.98 | -0.73 | 1.14 | 0.01 |
| 9-21 | 6.9 | 3.03 | 0.39 | 7.8 | -21.49 |
| 21-29 | 7.4 | 1.93 | 0.30 | 6.3 | -21.66 |