

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Nelson Lakes, New Zealand Control Points

Contest: 2014 Alpine Lodge Club Class Nationals
Courtesy of Mike Strathern (info@glidingnelson.co.nz)

Dated: 12 February 2014
Magnetic Variation: 22.2E
Time zone: NZ, Summer offset from GMT is 13:00 and in Winter it is 12:00.

Printed Saturday, 22 February 2014 at 22:07 GMT

UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct
information.

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

User assumes all risk of use.

| <i>Number</i> | <i>Name</i> | <i>Latitude</i> ° ' " | <i>Longitude</i> ° ' " | <i>Latitude</i> ° ' " | <i>Longitude</i> ° ' " | <i>Elevation</i> <i>FEET</i> | <i>Codes</i> [*] | <i>Comment</i> | <i>ID</i> | <i>Distance</i> <i>Km</i> | <i>Bearing</i> |
|---------------|-------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------------|---------------------------|-----------------|-----------|------------------------------|----------------|
| 20 | Cass | 43 02 18 S | 171 45 24 E | 43 02.300 S | 171 45.400 E | 1539 | T | Railway Station | 020 CASS | 164 | 232 |
| 403 | Amuri | 42 12 57 S | 172 59 20 E | 42 12.950 S | 172 59.333 E | 5827 | T | | 403AMURI | 55 | 181 |
| 404 | Andrews | 42 55 40 S | 171 51 02 E | 42 55.667 S | 171 51.033 E | 4663 | T | | 404ANEWS | 150 | 231 |
| 406 | Avoca | 43 01 55 S | 171 28 57 E | 43 01.917 S | 171 28.950 E | 5272 | T | | 406AVOCA | 176 | 238 |
| 407 | Bealey | 43 01 47 S | 171 37 59 E | 43 01.783 S | 171 37.983 E | 2100 | T | Road bridge | 407BELEY | 168 | 235 |
| 411 | Boyle | 42 30 54 S | 172 23 44 E | 42 30.900 S | 172 23.733 E | 1900 | T | Road bridge | 411BOYLE | 89 | 221 |
| 417 | Craigieburn North | 43 03 14 S | 171 44 38 E | 43 03.233 S | 171 44.633 E | 2102 | T | | 417CRRTH | 166 | 232 |
| 419 | Esk | 42 55 00 S | 172 08 47 E | 42 55.000 S | 172 08.783 E | 2812 | T | | 419 ESK | 138 | 223 |
| 424 | Hanmer | 42 31 19 S | 172 49 46 E | 42 31.317 S | 172 49.767 E | 1200 | T | Town centre | 424HAMER | 85 | 198 |
| 425 | Hanmer North | 42 26 15 S | 172 58 35 E | 42 26.250 S | 172 58.583 E | 4701 | T | | 425HARTH | 78 | 188 |
| 426 | Hanmer West | 42 28 17 S | 172 39 29 E | 42 28.283 S | 172 39.483 E | 4825 | T | | 426-HEST | 80 | 207 |
| 428 | Hawarden | 42 56 21 S | 172 39 44 E | 42 56.350 S | 172 39.733 E | 806 | T | | 428HADEN | 132 | 205 |
| 429 | Hawdon | 42 55 38 S | 171 47 04 E | 42 55.633 S | 171 47.067 E | 4630 | T | | 429HADON | 152 | 233 |

| Number | Name | Latitude ° ' " | Longitude ° ' " | Latitude ° ' " | Longitude ° ' " | Elevation FEET | Codes* | Comment | ID | Distance Km | Bearing |
|--------|-----------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------|----------------------------|-----------|----------------|---------|
| 435 | Katrine | 42 42 54 S | 172 11 36 E | 42 42.900 S | 172 11.600 E | 1700 | T | Lake | 435KAINE | 116 | 225 |
| 436 | Lees North | 42 57 17 S | 172 20 33 E | 42 57.283 S | 172 20.550 E | 3652 | T | | 436LERTH | 137 | 216 |
| 438 | Lewis | 42 22 26 S | 172 23 48 E | 42 22.433 S | 172 23.800 E | 3000 | T | High point of pass | 438LEWIS | 74 | 225 |
| 445 | Molesworth Nth | 42 00 32 S | 173 22 03 E | 42 00.533 S | 173 22.050 E | 3428 | T | | 445MONTH | 59 | 141 |
| 448 | Mt White | 43 01 43 S | 171 51 51 E | 43 01.717 S | 171 51.850 E | 5277 | T | | 448MTITE | 159 | 229 |
| 449 | Mt White Bridge | 43 00 31 S | 171 45 13 E | 43 00.517 S | 171 45.217 E | 1810 | T | | 449MTDGE | 161 | 232 |
| 450 | Muddy Lakes | 42 21 09 S | 172 36 32 E | 42 21.150 S | 172 36.533 E | 2510 | T | | 450MUKES | 67 | 212 |
| 452 | Organ Range | 42 36 55 S | 172 35 13 E | 42 36.917 S | 172 35.217 E | 3422 | T | | 452ORNGE | 96 | 210 |
| 458 | Puki 1 | 42 58 58 S | 172 07 20 E | 42 58.967 S | 172 07.333 E | 4968 | T | | 458PUKI1 | 146 | 223 |
| 459 | Puki Saddle | 42 52 36 S | 172 12 11 E | 42 52.600 S | 172 12.183 E | 5015 | T | | 459PUDLE | 132 | 222 |
| 461 | Puki West | 42 56 39 S | 171 58 00 E | 42 56.650 S | 171 58.000 E | 5053 | T | | 461PUWEST | 147 | 228 |
| 462 | Rainbow | 42 00 04 S | 172 53 46 E | 42 00.067 S | 172 53.767 E | 2782 | T | | 462RABOW | 30 | 178 |
| 466 | Shale Peak | 42 36 22 S | 172 38 21 E | 42 36.367 S | 172 38.350 E | 4441 | T | | 466SHEAK | 95 | 207 |
| 470 | Spenser West | 42 06 54 S | 172 13 32 E | 42 06.900 S | 172 13.533 E | 1188 | T | | 470SPEST | 59 | 249 |
| 471 | Spenser South | 42 17 04 S | 172 11 09 E | 42 17.067 S | 172 11.150 E | 1453 | T | | 471SPUTH | 75 | 240 |
| 472 | Sumner East | 42 45 53 S | 172 23 59 E | 42 45.883 S | 172 23.983 E | 3907 | T | | 472SUAST | 116 | 216 |
| 473 | Sumner Nth | 42 39 18 S | 172 16 23 E | 42 39.300 S | 172 16.383 E | 5237 | T | | 473SUNTH | 107 | 223 |
| 474 | Sumner South | 42 50 04 S | 172 04 11 E | 42 50.067 S | 172 04.183 E | 5875 | T | | 474SUOUTH | 132 | 227 |
| 475 | Sumner West | 42 43 40 S | 172 00 05 E | 42 43.667 S | 172 00.083 E | 4836 | T | | 475SUEST | 124 | 231 |
| 476 | Taramakau | 42 46 42 S | 171 50 36 E | 42 46.700 S | 171 50.600 E | 5155 | T | | 476TAKAU | 136 | 235 |
| 479 | Tennyson | 42 13 07 S | 172 44 50 E | 42 13.117 S | 172 44.833 E | 3678 | T | | 479TESON | 51 | 202 |
| 481 | Treasure | 42 40 42 S | 172 42 26 E | 42 40.700 S | 172 42.433 E | 2169 | T | | 481TRURE | 103 | 204 |
| 484 | Waiiau | 42 39 51 S | 173 03 33 E | 42 39.850 S | 173 03.550 E | 608 | T | | 484WAIIAU | 104 | 188 |
| 487 | Wave Mon Sex | 42 31 36 S | 172 43 00 E | 42 31.600 S | 172 43.000 E | 1392 | T | N/W wind some times cloudy | 487WASEX | 86 | 204 |
| 491 | Yarra | 42 18 00 S | 173 00 00 E | 42 18.000 S | 173 00.000 E | 3533 | T | | 491YARRA | 64 | 183 |
| 492 | Shingle Peak | 41 56 48 S | 173 19 59 E | 41 56.800 S | 173 19.983 E | 5081 | T | | 492SHEAK | 53 | 136 |
| 492 | Yarra North | 42 09 53 S | 173 04 51 E | 42 09.883 S | 173 04.850 E | 3386 | T | | 492YARTH | 53 | 171 |
| 493 | Tapi | 42 00 43 S | 173 34 45 E | 42 00.717 S | 173 34.750 E | 4335 | T | | 493 TAPI | 75 | 135 |
| 495 | Springs South | 42 24 56 S | 172 07 18 E | 42 24.933 S | 172 07.300 E | 1767 | T | | 495SPUTH | 90 | 237 |
| 496 | Murchison | 41 48 45 S | 172 18 02 E | 41 48.750 S | 172 18.033 E | 1431 | T | | 496-MSON | 37 | 282 |
| 497 | Victoria North | 41 50 13 S | 172 05 47 E | 41 50.217 S | 172 05.783 E | 892 | T | | 497-VRTH | 54 | 282 |
| 498 | Victoria South | 42 15 44 S | 171 57 57 E | 42 15.733 S | 171 57.950 E | 1195 | T | | 498-VUTH | 85 | 251 |
| 500 | Mt Owen | 41 34 34 S | 172 34 25 E | 41 34.567 S | 172 34.417 E | 2940 | T | | 500-MWEN | 25 | 347 |
| 501 | Matiri top | 41 30 56 S | 172 21 13 E | 41 30.933 S | 172 21.217 E | 2675 | T | | 501-MTOP | 42 | 332 |
| 504 | Raglan | 41 44 53 S | 173 02 27 E | 41 44.883 S | 173 02.450 E | 2448 | T | | 504RALAN | 25 | 110 |
| 505 | Gordons | 41 36 00 S | 172 55 30 E | 41 36.000 S | 172 55.500 E | 2522 | T | | 505GOONS | 23 | 63 |
| 506 | Red Hill | 41 38 17 S | 173 02 27 E | 41 38.283 S | 173 02.450 E | 4565 | T | | 506REILL | 28 | 84 |
| 507 | Patriach W | 41 36 49 S | 173 12 03 E | 41 36.817 S | 173 12.050 E | 4197 | T | | 507PAACH | 41 | 90 |
| 508 | Mt Arthur | 41 13 39 S | 172 42 06 E | 41 13.650 S | 172 42.100 E | 4493 | T | | 508MTHUR | 59 | 19 |
| 509 | Mt Mueller | 42 21 32 S | 172 17 09 E | 42 21.533 S | 172 17.150 E | 3000 | T | | 509MTLER | 77 | 232 |
| 511 | Three Tarn Pass | 42 16 22 S | 172 26 15 E | 42 16.367 S | 172 26.250 E | 4800 | T | | 511THASS | 63 | 226 |

| <i>Number</i> | <i>Name</i> | <i>Latitude</i> ° ' " | <i>Longitude</i> ° ' " | <i>Latitude</i> ° ' " | <i>Longitude</i> ° ' " | <i>Elevation</i> <i>FEET</i> | <i>Codes</i> * | <i>Comment</i> | <i>ID</i> | <i>Distance</i> <i>Km</i> | <i>Bearing</i> |
|---------------|-------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------------|----------------|----------------|-----------|------------------------------|----------------|
| 512 | Magdalen | 42 29 57 S | 172 28 46 E | 42 29.950 S | 172 28.767 E | 2476 | T | | 512MALEN | 85 | 217 |
| 513 | Guide Hut | 42 15 40 S | 173 04 06 E | 42 15.667 S | 173 04.100 E | 2623 | T | | 513REHUT | 62 | 177 |
| 514 | Lake McRae | 42 10 30 S | 173 20 53 E | 42 10.500 S | 173 20.883 E | 2644 | T | | 514LARAE | 68 | 155 |
| 515 | Middlehurst | 42 00 02 S | 173 28 28 E | 42 00.033 S | 173 28.467 E | 3864 | T | | 515MIRST | 66 | 137 |
| 516 | Wards Pass | 42 05 20 S | 173 11 22 E | 42 05.333 S | 173 11.367 E | 3550 | T | | 516WAASS | 52 | 157 |
| 517 | Pinnacle | 41 45 37 S | 173 16 07 E | 41 45.617 S | 173 16.117 E | 4436 | T | | 517PICLE | 43 | 113 |
| 518 | Dip Flat | 41 55 11 S | 172 54 44 E | 41 55.183 S | 172 54.733 E | 2391 | T | | 518DILAT | 23 | 165 |
| 518 | Leatham | 41 53 52 S | 173 11 15 E | 41 53.867 S | 173 11.250 E | 3869 | T | | 518LEHAM | 40 | 136 |
| 519 | Tophouse | 41 47 43 S | 172 53 48 E | 41 47.717 S | 172 53.800 E | 2888 | T | | 519TOUSE | 13 | 131 |
| 520 | Travers Hutt | 42 01 07 S | 172 45 30 E | 42 01.117 S | 172 45.500 E | 4934 | T | | 520TRUTT | 29 | 200 |
| 521 | Mt Cedric | 41 52 58 S | 172 41 47 E | 41 52.967 S | 172 41.783 E | 3019 | T | | 521MTRIC | 15 | 218 |
| 522 | Mt Robert | 41 49 42 S | 172 48 25 E | 41 49.700 S | 172 48.417 E | 3717 | T | | 510MTART | 9.6 | 169 |
| 523 | Durville | 41 54 54 S | 172 39 17 E | 41 54.900 S | 172 39.283 E | 1688 | T | | 523DULLE | 19 | 225 |
| 524 | Lake Constance | 42 04 52 S | 172 39 55 E | 42 04.867 S | 172 39.917 E | 4582 | T | | 524BLAKE | 37 | 212 |
| 525 | Upper Durville | 42 07 18 S | 172 36 39 E | 42 07.300 S | 172 36.650 E | 4068 | T | | 525UPINE | 42 | 217 |
| 526 | Fararie Queen | 42 13 23 S | 172 29 58 E | 42 13.383 S | 172 29.967 E | 3235 | T | | 526FAEEN | 56 | 223 |
| 527 | Glenroy | 42 00 49 S | 172 21 13 E | 42 00.817 S | 172 21.217 E | 1462 | T | | 527GLROY | 43 | 251 |
| 528 | Victoria Mid | 42 04 16 S | 172 07 58 E | 42 04.267 S | 172 07.967 E | 2755 | T | | 528VIMID | 62 | 257 |
| 529 | Mt Mantel | 41 57 14 S | 172 16 56 E | 41 57.233 S | 172 16.933 E | 2852 | T | | 529MTTEL | 44 | 262 |
| 530 | Matiri South | 41 40 53 S | 172 20 57 E | 41 40.883 S | 172 20.950 E | 1242 | T | | 530MAUTH | 34 | 306 |
| 531 | Whangapeka South | 41 32 14 S | 172 28 15 E | 41 32.233 S | 172 28.250 E | 3046 | T | | 531WHUTH | 33 | 339 |
| 532 | Mt Murchison | 41 44 03 S | 172 28 28 E | 41 44.050 S | 172 28.467 E | 2700 | T | | 532MTSON | 23 | 298 |
| 533 | Mataki Mid | 41 59 33 S | 172 32 14 E | 41 59.550 S | 172 32.233 E | 2518 | T | | 533MAMID | 31 | 235 |
| 534 | Tutaki Mid | 41 54 03 S | 172 28 02 E | 41 54.050 S | 172 28.033 E | 1214 | T | | 534TUMID | 28 | 257 |
| 535 | Rotoroa | 41 47 57 S | 172 35 46 E | 41 47.950 S | 172 35.767 E | 1493 | T | | 535ROROA | 13 | 271 |
| 536 | Kawateri Junct | 41 42 20 S | 172 37 17 E | 41 42.333 S | 172 37.283 E | 2064 | T | | 536KANCT | 12 | 321 |
| 537 | Patriach E | 41 24 21 S | 172 29 55 E | 41 24.350 S | 172 29.917 E | 3445 | T | | 537PAACH | 44 | 354 |
| 538 | Mt Star | 41 16 28 S | 172 35 32 E | 41 16.467 S | 172 35.533 E | 3015 | T | | 538MTTAR | 55 | 9 |
| 538 | Wangapeka Lower | 41 25 45 S | 172 37 37 E | 41 25.750 S | 172 37.617 E | 1231 | T | | 538WAWER | 38 | 7 |
| 540 | Lake Chalis | 41 33 46 S | 173 19 25 E | 41 33.767 S | 173 19.417 E | 3132 | T | | 540LALIS | 53 | 88 |
| 541 | Arnst | 41 56 10 S | 172 48 58 E | 41 56.167 S | 172 48.967 E | 2738 | T | | 541ARNST | 21 | 186 |
| 542 | Mid Clarence | 42 19 17 S | 172 46 13 E | 42 19.283 S | 172 46.217 E | 3241 | T | | 542MINCE | 63 | 200 |
| 543 | Turk Ridge | 42 06 18 S | 172 49 25 E | 42 06.300 S | 172 49.417 E | 4610 | T | | 543TUDGE | 39 | 193 |
| 544 | Daniells | 42 18 06 S | 172 17 44 E | 42 18.100 S | 172 17.733 E | 2149 | T | | 544DALLS | 71 | 233 |
| 545 | Baldy | 42 14 55 S | 172 15 28 E | 42 14.917 S | 172 15.467 E | 2703 | T | | 545BALDY | 68 | 238 |
| 546 | Wariau South | 42 08 15 S | 172 54 29 E | 42 08.250 S | 172 54.483 E | 3353 | T | | 546WAUTH | 45 | 185 |
| 547 | Travers Saddle | 42 01 08 S | 172 42 52 E | 42 01.133 S | 172 42.867 E | 3704 | T | | 547TRDLE | 29 | 207 |
| | Finish | 41 45 22 S | 172 44 40 E | 41 45.367 S | 172 44.667 E | 1674 | HFA | | FINNISH | | |
| | <i>S1 Maggi Start</i> | 41 46 11 S | 172 43 37 E | 41 46.183 S | 172 43.617 E | 2010 | S | | S1MAGART | 2.1 | 246 |
| | <i>S2 Nursery Start</i> | 41 45 40 S | 172 47 25 E | 41 45.667 S | 172 47.417 E | 1939 | S | | S2NURART | 3.8 | 121 |
| | <i>S3 Buller Start</i> | 41 47 53 S | 172 48 51 E | 41 47.883 S | 172 48.850 E | 2438 | S | | S514BART | 7.4 | 151 |

| <i>Number</i> | <i>Name</i> | <i>Latitude</i> ° ' " | <i>Longitude</i> ° ' " | <i>Latitude</i> ° ' | <i>Longitude</i> ° ' | <i>Elevation</i> <i>FEET</i> | <i>Codes</i> * | <i>Comment</i> | <i>ID</i> | <i>Distance</i> <i>Km</i> | <i>Bearing</i> |
|---------------|---------------------------|--------------------------|---------------------------|------------------------|-------------------------|---------------------------------|----------------|----------------|-----------|------------------------------|----------------|
| | <i>S4 Parachute Start</i> | 41 48 37 S | 172 51 44 E | 41 48.617 S | 172 51.733 E | 2430 | S | | S4PARART | 11 | 144 |

Codes*

- A: Airport
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint