



Appendix B Flow gauging data

■ Table A-2. Summary of recent flow loss gauging information for the Waitaki Catchment

| Date of gauging (yymmdd) | Irishman Creek at Braemar Road | Irishman Creek at Windy Ridge | Irishman Creek above Tekapo Confl. | Mary Burn at Mt. McDonald | Mary Burn at Mary Hill | Mary Burn at SH8 Bridge | Mary Burn above Tekapo Confl. | Omarama Stream above Tara Hills | Omarama Stream at Twin Peaks | Omarama at SHB (Wardells) | Otamatapaio River at footbridge | Otamatapaio River above Otamatapai Stn. | Otamatapaio River above SH bridge | Twizel at DS Gladstone Conf | Twizel River at Lake Poaka |
|--------------------------|--------------------------------|-------------------------------|------------------------------------|---------------------------|------------------------|-------------------------|-------------------------------|---------------------------------|------------------------------|---------------------------|---------------------------------|---|-----------------------------------|-----------------------------|----------------------------|
| 28/05/2003 | | | | 359 | | | | 521 | | | | | | | |
| 29/05/2003 | | | | 349 | | 483 | | 484 | 442 | | | | | | |
| 24/06/2003 | | | | 561 | | 674 | | 792 | 652 | | | | | | |
| 24/07/2003 | 738 | 1046 | 485 | 484 | 550? | 638 | 2666 | 1060 | | | 489 | 463 | 128 | | 1210 |
| 25/07/2003 | | | | 435 | | | | 965 | 945 | 1647 | | | | | |
| 12/08/2003 | 477 | 643 | 373 | 371 | 450? | 576 | 2236 | 979 | | | 325 | 363 | 0 | 1771 | 663 |
| 13/08/2003 | | | | 377 | | | | 968 | 889 | 1422 | | | | | |
| 25/08/2003 | | | | 361 | | | | 855 | | | | | | | |
| 18/09/2003 | | | | 1137 | | 1466 | | 917 | | | | | | | |
| 30/09/2003 | | | | 1404 | | | | 1956 | 1901 | | | | | | |
| 2/10/2003 | | | | 1251 | | 1351 | | 2180 | 2231 | | | | | | |
| 30/10/2003 | | | | 574 | | 355 | | 1866 | 1510 | | | | | | |
| 20/11/2003 | | | | 445 | | | | 1087 | 875 | | | | | | |
| 21/11/2003 | | | | 435 | | 193 | | 1144 | | | | | | | |
| 27/11/2003 | 627 | 885 | 469 | 416 | | 226 | 2078 | 1059 | | | | | | 3781 | 3686 |
| 28/11/2003 | | | | 500 | | | | 1087 | 899 | 2307 | 856 | 954 | 450 | | |
| 11/12/2003 | 459 | 663 | 373 | 380 | 489 | 244 | 2038 | 790 | | | 573 | 491 | 0 | 4934 | 3252 |
| 12/12/2003 | | | | 348 | | | | 771 | 620 | 2074 | | | | | |
| 13/01/2004 | | | | 301 | | 217 | | 424 | | | | | | | |
| 14/01/2004 | | | | 298 | | | | 443 | 376 | | | | | | |
| 27/01/2004 | | | | 359 | | | | 1036 | | | | | | | |
| 1/02/2004 | | | | 306 | | | | 3282 | | | | | | | |
| 2/02/2004 | | | | 305 | | | | 3662 | | | | | | | |



| Date of gauging (yymmdd) | Irishman Creek at Braemar Road | Irishman Creek at Windy Ridge | Irishman Creek above Tekapo Confl. | Mary Burn at Mt. McDonald | Mary Burn at Mary Hill | Mary Burn at SH8 Bridge | Mary Burn above Tekapo Confl. | Omarama Stream above Tara Hills | Omarama Stream at Twin Peaks | Omarama at SHB (Wardells) | Otamatapaio River at footbridge | Otamatapaio River above Otamatapai Stn. | Otamatapaio River above SH bridge | Twizel at DS Gladstone Conf | Twizel River at Lake Poaka |
|--------------------------|--------------------------------|-------------------------------|------------------------------------|---------------------------|------------------------|-------------------------|-------------------------------|---------------------------------|------------------------------|---------------------------|---------------------------------|---|-----------------------------------|-----------------------------|----------------------------|
| 2/02/2004 | | | | | | | | 3519 | | | | | | | |
| 3/02/2004 | | | | 297 | | | | 3405 | | | | | | | |
| 12/02/2004 | 401 | 543 | 386 | 273 | 323 | 184 | 1174 | 1300 | | | 1047 | 1002 | 805 | 3365 | 2799 |
| 13/02/2004 | | | | 274 | | | | 1263 | 991 | 2099 | | | | | |
| 18/03/2004 | | 766 | | 291 | | 380 | 1745 | 2164 | | | 1061 | 1086 | 1119 | | 2989 |
| 19/03/2004 | | | | 267 | | | | 1944 | | | | | | | |
| 25/03/2004 | | | | 258 | | | | 1707 | | | | | | | |
| 30/03/2004 | 335 | 521 | 575 | 281 | 382 | 417 | 2004 | 1406 | | 2571 | 621 | 538 | 218 | 4038 | 2515 |
| 31/03/2004 | | | | 261 | | | | 1324 | | | | | | | |
| 14/04/2004 | 317 | 418 | 391 | 262 | 356 | 365 | 1767 | 1039 | | | 518 | 462 | 99 | 2154 | 1180 |
| 15/04/2004 | | | | 250 | | | | 1229 | | | | | | | |
| 23/04/2004 | | 369 | 371 | 256 | | 342 | 1590 | 1139 | | | | | | 1945 | 713 |
| 30/04/2004 | | | | 244 | | | | 1028 | | | | | | | |
| 27/05/2004 | | 1089 | 403 | 299 | | | | 1688 | | 2254 | | | | | 2083 |