

**Table 1**  
**Stage-Storage Relationship for Lake Geraldine by 1 m Intervals**

| Range     | Depth | Elevation | Area             | Volume    | Cumulative |
|-----------|-------|-----------|------------------|-----------|------------|
| 0         | 0     | 98        | 0                | -         | -          |
| 0.0-0.6   | 0.6   | 99        | 0                | -         | -          |
| 1.0-2.0   | 2     | 100       | 0                | -         | -          |
| 2.0-3.0   | 3     | 101       | 0                | -         | -          |
| 3.0-4.0   | 4     | 102       | 0                | -         | -          |
| 4.0-5.0   | 5     | 103       | 842              | 505       | 505        |
| 5.0-6.0   | 6     | 104       | 83,647           | 83,647    | 84,152     |
| 6.0-7.0   | 7     | 105       | 106,556          | 106,556   | 190,708    |
| 7.0-8.0   | 8     | 106       | 134,955          | 134,955   | 325,663    |
| 8.0-9.0   | 9     | 107       | 169,230          | 169,230   | 494,893    |
| 9.0-10.0  | 10    | 108       | 216,174          | 216,174   | 711,067    |
| 10.0-11.0 | 11    | 109       | 245,386          | 245,386   | 956,454    |
| 11.0-12.0 | 12    | 110       | 281,016          | 281,016   | 1,237,469  |
| 12.0-13.0 | 13    | 111       | 335,029          | 335,029   | 1,572,498  |
| 13.0-13.3 | 13.3  | 111.3     | 360,598          | 108,179   | 1,680,678  |
|           |       |           | Total accessible | 1,680,678 |            |

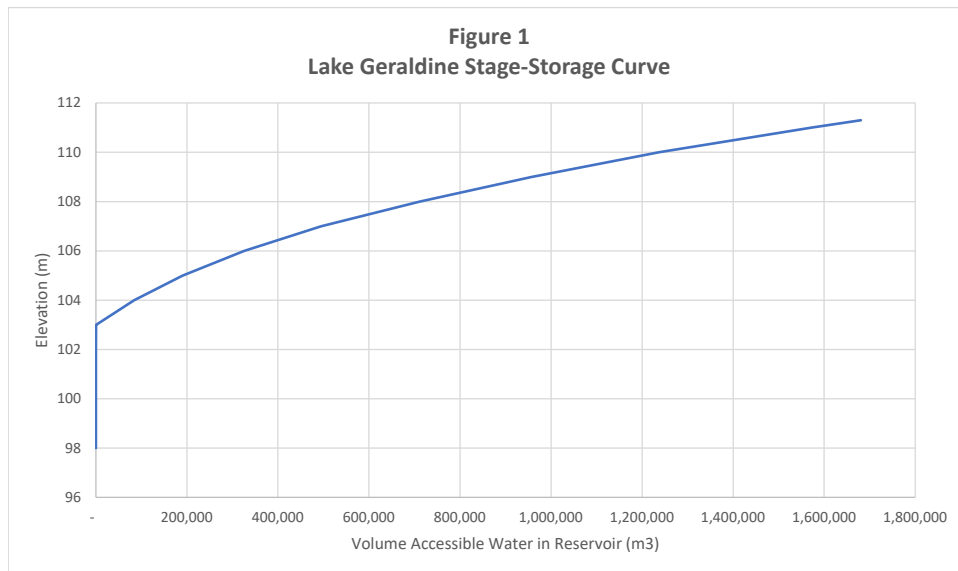
**NOTES:**

Data from Nunami's January 2019 report "*Lake Geraldine Reservoir Storage - Desktop Review and Assessment*"

GIS data provides accessible volume to crest of the spillway at 111.3 masl

Note: this does not include the 112,500 m3 that is inaccessible at lower depths due to rock sills, intake elevation etc.

TOTAL volume in reservoir at 111.3 masl is 1,793,000 m3



**Table 2**  
**Accessible Volume Lookup Table**  
**(1 mm increments)**

| WSE (m) | Accessible Volume (m3) |
|---------|------------------------|
| 103     | 505                    |
| 103.001 | 589                    |
| 103.002 | 672                    |
| 103.003 | 756                    |
| 103.004 | 840                    |
| 103.005 | 923                    |
| 103.006 | 1007                   |
| 103.007 | 1091                   |
| 103.008 | 1174                   |
| 103.009 | 1258                   |
| 103.01  | 1342                   |
| 103.011 | 1425                   |
| 103.012 | 1509                   |
| 103.013 | 1592                   |
| 103.014 | 1676                   |
| 103.015 | 1760                   |
| 103.016 | 1843                   |
| 103.017 | 1927                   |
| 103.018 | 2011                   |
| 103.019 | 2094                   |
| 103.02  | 2178                   |
| 103.021 | 2262                   |
| 103.022 | 2345                   |
| 103.023 | 2429                   |
| 103.024 | 2513                   |
| 103.025 | 2596                   |
| 103.026 | 2680                   |
| 103.027 | 2764                   |
| 103.028 | 2847                   |
| 103.029 | 2931                   |
| 103.03  | 3014                   |
| 103.031 | 3098                   |
| 103.032 | 3182                   |
| 103.033 | 3265                   |
| 103.034 | 3349                   |
| 103.035 | 3433                   |
| 103.036 | 3516                   |
| 103.037 | 3600                   |
| 103.038 | 3684                   |
| 103.039 | 3767                   |
| 103.04  | 3851                   |
| 103.041 | 3935                   |
| 103.042 | 4018                   |
| 103.043 | 4102                   |
| 103.044 | 4186                   |
| 103.045 | 4269                   |
| 103.046 | 4353                   |
| 103.047 | 4436                   |
| 103.048 | 4520                   |
| 103.049 | 4604                   |
| 103.05  | 4687                   |
| 103.051 | 4771                   |
| 103.052 | 4855                   |
| 103.053 | 4938                   |
| 103.054 | 5022                   |
| 103.055 | 5106                   |
| 103.056 | 5189                   |
| 103.057 | 5273                   |
| 103.058 | 5357                   |
| 103.059 | 5440                   |
| 103.06  | 5524                   |
| 103.061 | 5608                   |
| 103.062 | 5691                   |
| 103.063 | 5775                   |
| 103.064 | 5858                   |
| 103.065 | 5942                   |
| 103.066 | 6026                   |

Table 3  
Average Daily Water Levels in Lake Geraldine (2018 to 2026)

STATION INFORMATION

Station 10UH013  
Datum Assumed  
Chart Title (manual entry) 10UH013 (Assumed )  
For Plot - start year, spill point (111.3 m) 01-Jan 111.3  
For Plot - end year, spill point (111.3 m) 31-Dec 111.3

AVERAGE DAILY WATER SURFACE ELEVATIONS

\*Statistics updated 2026-01-07, includes all published data up to this date

\*published data retrieved 2026-01-07

| Date (mmm-dd) | Additional Statistics |                |         |         |                |         | Select Years (Average Daily WSE, up to 7 different years) |         |         |         |         |         |         |         |         |  |
|---------------|-----------------------|----------------|---------|---------|----------------|---------|-----------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--|
|               | Minimum               | Lower Quartile | Mean    | Median  | Upper Quartile | Maximum | 2018                                                      | 2019    | 2020    | 2021    | 2022    | 2023    | 2024    | 2025    | 2026    |  |
| 01-Jan        | 109.373               | 110.226        | 110.35  | 110.435 | 110.684        | 110.833 | 110.169                                                   | 110.407 | 110.606 | 110.686 | 110.419 | 110.435 | 110.572 | 110.65  | 110.934 |  |
| 02-Jan        | 109.362               | 110.215        | 110.341 | 110.425 | 110.675        | 110.825 | 110.156                                                   | 110.400 | 110.597 | 110.676 | 110.41  | 110.425 | 110.565 | 110.639 | 110.922 |  |
| 03-Jan        | 109.352               | 110.203        | 110.333 | 110.414 | 110.666        | 110.822 | 110.142                                                   | 110.391 | 110.589 | 110.667 | 110.406 | 110.414 | 110.557 | 110.628 | 110.918 |  |
| 04-Jan        | 109.342               | 110.193        | 110.324 | 110.41  | 110.657        | 110.824 | 110.131                                                   | 110.382 | 110.585 | 110.657 | 110.401 | 110.41  | 110.543 | 110.62  | 110.909 |  |
| 05-Jan        | 109.334               | 110.184        | 110.315 | 110.399 | 110.648        | 110.82  | 110.123                                                   | 110.373 | 110.573 | 110.649 | 110.396 | 110.399 | 110.533 | 110.608 | 110.904 |  |
| 06-Jan        | 109.327               | 110.172        | 110.305 | 110.387 | 110.642        | 110.814 | 110.11                                                    | 110.364 | 110.564 | 110.643 | 110.387 | 110.384 | 110.523 | 110.598 | 110.889 |  |
| 07-Jan        | 109.319               | 110.159        | 110.295 | 110.376 | 110.632        | 110.808 | 110.094                                                   | 110.353 | 110.554 | 110.630 | 110.376 | 110.373 | 110.513 | 110.593 | 110.88  |  |
| 08-Jan        | 109.309               | 110.145        | 110.285 | 110.366 | 110.623        | 110.802 | 110.077                                                   | 110.344 | 110.544 | 110.621 | 110.366 | 110.366 | 110.504 | 110.585 | 110.871 |  |
| 09-Jan        | 109.299               | 110.133        | 110.275 | 110.357 | 110.61         | 110.796 | 110.063                                                   | 110.334 | 110.536 | 110.611 | 110.355 | 110.357 | 110.496 | 110.565 | 110.863 |  |
| 10-Jan        | 109.286               | 110.12         | 110.264 | 110.347 | 110.6          | 110.79  | 110.049                                                   | 110.326 | 110.524 | 110.602 | 110.347 | 110.344 | 110.484 | 110.553 | 110.86  |  |
| 11-Jan        | 109.273               | 110.109        | 110.254 | 110.333 | 110.591        | 110.783 | 110.036                                                   | 110.315 | 110.514 | 110.592 | 110.333 | 110.33  | 110.475 | 110.541 | 110.848 |  |
| 12-Jan        | 109.262               | 110.1          | 110.244 | 110.322 | 110.58         | 110.776 | 110.024                                                   | 110.305 | 110.503 | 110.581 | 110.322 | 110.317 | 110.47  | 110.53  | 110.839 |  |
| 13-Jan        | 109.252               | 110.087        | 110.233 | 110.315 | 110.569        | 110.769 | 110.01                                                    | 110.294 | 110.493 | 110.570 | 110.315 | 110.307 | 110.461 | 110.52  | 110.83  |  |
| 14-Jan        | 109.243               | 110.074        | 110.222 | 110.303 | 110.559        | 110.762 | 109.995                                                   | 110.284 | 110.483 | 110.560 | 110.303 | 110.295 | 110.452 | 110.51  | 110.818 |  |
| 15-Jan        | 109.237               | 110.061        | 110.211 | 110.285 | 110.551        | 110.756 | 109.98                                                    | 110.277 | 110.473 | 110.550 | 110.285 | 110.282 | 110.439 | 110.499 | 110.81  |  |
| 16-Jan        | 109.226               | 110.048        | 110.2   | 110.269 | 110.544        | 110.749 | 109.966                                                   | 110.267 | 110.465 | 110.546 | 110.269 | 110.269 | 110.43  | 110.489 | 110.8   |  |
| 17-Jan        | 109.215               | 110.035        | 110.19  | 110.257 | 110.535        | 110.742 | 109.953                                                   | 110.256 | 110.452 | 110.535 | 110.255 | 110.255 | 110.419 | 110.48  | 110.793 |  |
| 18-Jan        | 109.202               | 110.023        | 110.18  | 110.251 | 110.527        | 110.736 | 109.94                                                    | 110.250 | 110.441 | 110.528 | 110.247 | 110.243 | 110.409 | 110.472 | 110.778 |  |
| 19-Jan        | 109.191               | 110.01         | 110.169 | 110.242 | 110.518        | 110.729 | 109.926                                                   | 110.241 | 110.431 | 110.521 | 110.231 | 110.23  | 110.401 | 110.463 | 110.766 |  |
| 20-Jan        | 109.185               | 109.997        | 110.158 | 110.233 | 110.51         | 110.721 | 109.911                                                   | 110.232 | 110.419 | 110.515 | 110.213 | 110.218 | 110.391 | 110.454 | 110.755 |  |
| 21-Jan        | 109.174               | 109.984        | 110.148 | 110.226 | 110.501        | 110.714 | 109.898                                                   | 110.225 | 110.410 | 110.504 | 110.204 | 110.21  | 110.387 | 110.446 | 110.748 |  |
| 22-Jan        | 109.163               | 109.971        | 110.137 | 110.214 | 110.488        | 110.708 | 109.884                                                   | 110.213 | 110.399 | 110.490 | 110.191 | 110.202 | 110.378 | 110.439 | 110.737 |  |
| 23-Jan        | 109.153               | 109.958        | 110.127 | 110.202 | 110.478        | 110.708 | 109.871                                                   | 110.201 | 110.392 | 110.477 | 110.175 | 110.188 | 110.372 | 110.43  | 110.729 |  |
| 24-Jan        | 109.141               | 109.944        | 110.115 | 110.191 | 110.468        | 110.697 | 109.856                                                   | 110.190 | 110.379 | 110.467 | 110.161 | 110.177 | 110.359 | 110.42  | 110.72  |  |
| 25-Jan        | 109.132               | 109.931        | 110.104 | 110.181 | 110.458        | 110.69  | 109.842                                                   | 110.180 | 110.367 | 110.457 | 110.148 | 110.166 | 110.347 | 110.408 | 110.71  |  |
| 26-Jan        | 109.123               | 109.916        | 110.093 | 110.171 | 110.448        | 110.68  | 109.826                                                   | 110.169 | 110.355 | 110.448 | 110.137 | 110.152 | 110.338 | 110.398 | 110.695 |  |
| 27-Jan        | 109.118               | 109.904        | 110.081 | 110.152 | 110.438        | 110.672 | 109.811                                                   | 110.150 | 110.343 | 110.439 | 110.123 | 110.139 | 110.327 | 110.388 | 110.683 |  |
| 28-Jan        | 109.107               | 109.89         | 110.07  | 110.143 | 110.429        | 110.664 | 109.795                                                   | 110.141 | 110.338 | 110.434 | 110.109 | 110.124 | 110.318 | 110.377 | 110.675 |  |
| 29-Jan        | 109.096               | 109.874        | 110.058 | 110.134 | 110.417        | 110.658 | 109.778                                                   | 110.132 | 110.325 | 110.423 | 110.094 | 110.109 | 110.306 | 110.362 | 110.668 |  |
| 30-Jan        | 109.091               | 109.86         | 110.046 | 110.125 | 110.406        | 110.65  | 109.762                                                   | 110.123 | 110.319 | 110.410 | 110.078 | 110.093 | 110.301 | 110.354 | 110.659 |  |
| 31-Jan        | 109.083               | 109.849        | 110.036 | 110.115 | 110.393        | 110.645 | 109.748                                                   | 110.115 | 110.307 | 110.396 | 110.065 | 110.081 | 110.294 | 110.344 | 110.646 |  |
| 01-Feb        | 109.076               | 109.836        | 110.024 | 110.104 | 110.382        | 110.635 | 109.733                                                   | 110.104 | 110.296 | 110.386 | 110.054 | 110.064 | 110.28  | 110.332 | 110.634 |  |
| 02-Feb        | 109.067               | 109.824        | 110.013 | 110.094 | 110.371        | 110.627 | 109.72                                                    | 110.093 | 110.285 | 110.374 | 110.043 | 110.052 | 110.268 | 110.32  | 110.622 |  |
| 03-Feb        | 109.055               | 109.812        | 110.002 | 110.085 | 110.359        | 110.618 | 109.709                                                   | 110.084 | 110.273 | 110.362 | 110.03  | 110.039 | 110.256 | 110.308 | 110.611 |  |
| 04-Feb        | 109.043               | 109.799        | 109.99  | 110.068 | 110.349        | 110.614 | 109.693                                                   | 110.067 | 110.262 | 110.353 | 110.017 | 110.017 | 110.244 | 110.296 | 110.599 |  |
| 05-Feb        | 109.031               | 109.782        | 109.978 | 110.055 | 110.337        | 110.609 | 109.674                                                   | 110.054 | 110.251 | 110.342 | 110.003 | 109.999 | 110.232 | 110.285 | 110.592 |  |
| 06-Feb        | 109.019               | 109.767        | 109.965 | 110.045 | 110.325        | 110.604 | 109.658                                                   | 110.044 | 110.242 | 110.329 | 109.991 | 109.97  | 110.223 | 110.273 | 110.58  |  |
| 07-Feb        | 109.01                | 109.751        | 109.954 | 110.036 | 110.317        | 110.594 | 109.644                                                   | 110.035 | 110.231 | 110.319 | 109.977 | 109.952 | 110.212 | 110.261 | 110.569 |  |
| 08-Feb        | 109.002               | 109.736        | 109.942 | 110.024 | 110.304        | 110.586 | 109.63                                                    | 110.022 | 110.219 | 110.305 | 109.964 | 109.937 | 110.199 | 110.249 | 110.559 |  |
| 09-Feb        | 108.989               | 109.72         | 109.93  | 110.01  | 110.292        | 110.577 | 109.615                                                   | 110.009 | 110.207 | 110.293 | 109.953 | 109.921 | 110.188 | 110.239 | 110.556 |  |
| 10-Feb        | 108.979               | 109.706        | 109.918 | 109.996 | 110.281        | 110.569 | 109.601                                                   | 109.995 | 110.195 | 110.281 | 109.94  | 109.903 | 110.178 | 110.225 | 110.544 |  |
| 11-Feb        | 108.968               | 109.69         | 109.907 | 109.988 | 110.273        | 110.562 | 109.585                                                   | 109.986 | 110.184 | 110.272 | 109.926 | 109.886 | 110.166 | 110.215 | 110.529 |  |
| 12-Feb        | 108.956               | 109.674        | 109.895 | 109.976 | 110.262        | 110.553 | 109.569                                                   | 109.974 | 110.172 | 110.260 | 109.913 | 109.868 | 110.154 | 110.215 | 110.517 |  |
| 13-Feb        | 108.944               | 109.658        | 109.883 | 109.963 | 110.251        | 110.544 | 109.553                                                   | 109.962 | 110.164 | 110.249 | 109.898 | 109.849 | 110.141 | 110.199 | 110.507 |  |
| 14-Feb        | 108.933               | 109.641        | 109.869 | 109.949 | 110.24         | 110.535 | 109.536                                                   | 109.947 | 110.149 | 110.238 | 109.883 | 109.823 | 110.129 | 110.187 | 110.499 |  |
| 15-Feb        | 108.92                | 109.625        | 109.856 | 109.935 | 110.23         | 110.526 | 109.521                                                   | 109.935 | 110.134 | 110.228 | 109.869 | 109.803 | 110.12  | 110.175 | 110.49  |  |
| 16-Feb        | 108.91                | 109.61         | 109.844 | 109.921 | 110.22         | 110.519 | 109.505                                                   | 109.921 | 110.121 | 110.216 | 109.853 | 109.785 | 110.111 | 110.16  | 110.481 |  |
| 17-Feb        | 108.898               | 109.593        | 109.832 | 109.908 | 110.208        | 110.512 | 109.486                                                   | 109.907 | 110.108 | 110.205 | 109.838 | 109.769 | 110.101 | 110.144 | 110.471 |  |
| 18-Feb        | 108.893               | 109.579        | 109.821 | 109.898 | 110.197        | 110.502 | 109.472                                                   | 109.897 | 110.096 | 110.193 | 109.826 | 109.754 | 110.094 | 110.134 | 110.459 |  |
| 19-Feb        | 108.89                | 109.563        | 109.809 | 109.882 | 110.185        | 110.492 | 109.456                                                   | 109.881 | 110.084 | 110.181 | 109.816 | 109.738 | 110.08  | 110.124 | 110.456 |  |
| 20-Feb        | 108.88                | 109.545        | 109.796 | 109.866 | 110.174        | 110.484 | 109.44                                                    | 109.865 | 110.075 | 110.170 | 109.799 | 109.72  | 110.07  | 110.111 | 110.447 |  |
| 21-Feb        | 108.868               | 109.53         | 109.783 | 109.853 | 110.161        | 110.475 | 109.426                                                   | 109.852 | 110.061 | 110.158 | 109.784 | 109.699 | 110.054 | 110.096 | 110.432 |  |
| 22-Feb        | 108.857               | 109.515        | 109.77  | 109.839 | 110.149        | 110.467 | 109.413                                                   | 109.838 | 110.048 | 110.145 | 109.77  | 109.676 | 110.043 | 110.085 | 110.423 |  |
| 23-Feb        | 108.843               | 109.5          | 109.757 | 109.823 | 110.137        | 110.458 | 109.399                                                   | 109.822 | 110.036 | 110.134 | 109.754 | 109.658 | 110.031 | 110.075 | 110.41  |  |
| 24-Feb        | 108.832               | 109.483        | 109.744 | 10      |                |         |                                                           |         |         |         |         |         |         |         |         |  |

|        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 16-Mar | 108.579 | 109.131 | 109.47  | 109.455 | 109.893 | 110.28  | 109.045 | 109.454 | 109.769 | 109.876 | 109.42  | 109.296 | 109.735 | 109.797 | 110.169 |
| 17-Mar | 108.568 | 109.116 | 109.457 | 109.438 | 109.879 | 110.271 | 109.025 | 109.437 | 109.758 | 109.861 | 109.404 | 109.286 | 109.721 | 109.787 | 110.157 |
| 18-Mar | 108.556 | 109.097 | 109.444 | 109.421 | 109.865 | 110.26  | 109.005 | 109.421 | 109.749 | 109.849 | 109.389 | 109.265 | 109.707 | 109.781 | 110.149 |
| 19-Mar | 108.539 | 109.077 | 109.429 | 109.402 | 109.853 | 110.25  | 108.988 | 109.402 | 109.739 | 109.837 | 109.368 | 109.247 | 109.692 | 109.766 | 110.132 |
| 20-Mar | 108.525 | 109.058 | 109.414 | 109.383 | 109.837 | 110.24  | 108.971 | 109.383 | 109.727 | 109.822 | 109.356 | 109.228 | 109.679 | 109.751 | 110.118 |
| 21-Mar | 108.516 | 109.038 | 109.4   | 109.363 | 109.822 | 110.231 | 108.953 | 109.363 | 109.711 | 109.807 | 109.336 | 109.206 | 109.665 | 109.737 | 110.105 |
| 22-Mar | 108.515 | 109.022 | 109.386 | 109.343 | 109.809 | 110.221 | 108.937 | 109.343 | 109.700 | 109.794 | 109.318 | 109.187 | 109.651 | 109.723 | 110.091 |
| 23-Mar | 108.507 | 109.006 | 109.372 | 109.321 | 109.796 | 110.209 | 108.921 | 109.320 | 109.685 | 109.781 | 109.302 | 109.167 | 109.638 | 109.71  | 110.077 |
| 24-Mar | 108.498 | 108.989 | 109.358 | 109.3   | 109.782 | 110.198 | 108.904 | 109.300 | 109.675 | 109.765 | 109.284 | 109.148 | 109.625 | 109.701 | 110.063 |
| 25-Mar | 108.483 | 108.973 | 109.345 | 109.282 | 109.77  | 110.186 | 108.889 | 109.282 | 109.666 | 109.752 | 109.269 | 109.129 | 109.614 | 109.695 | 110.05  |
| 26-Mar | 108.468 | 108.956 | 109.33  | 109.263 | 109.755 | 110.176 | 108.87  | 109.262 | 109.653 | 109.738 | 109.253 | 109.109 | 109.598 | 109.679 | 110.037 |
| 27-Mar | 108.454 | 108.938 | 109.316 | 109.242 | 109.74  | 110.167 | 108.851 | 109.242 | 109.643 | 109.722 | 109.235 | 109.09  | 109.584 | 109.662 | 110.025 |
| 28-Mar | 108.439 | 108.922 | 109.301 | 109.223 | 109.726 | 110.159 | 108.835 | 109.222 | 109.633 | 109.708 | 109.218 | 109.073 | 109.572 | 109.647 | 110.015 |
| 29-Mar | 108.426 | 108.906 | 109.288 | 109.211 | 109.715 | 110.15  | 108.818 | 109.210 | 109.618 | 109.693 | 109.201 | 109.059 | 109.56  | 109.632 | 110.001 |
| 30-Mar | 108.411 | 108.888 | 109.273 | 109.193 | 109.7   | 110.139 | 108.8   | 109.193 | 109.605 | 109.681 | 109.186 | 109.038 | 109.545 | 109.619 | 109.987 |
| 31-Mar | 108.396 | 108.873 | 109.259 | 109.173 | 109.686 | 110.128 | 108.788 | 109.172 | 109.592 | 109.667 | 109.17  | 109.02  | 109.536 | 109.608 | 109.975 |
| 01-Apr | 108.38  | 108.858 | 109.245 | 109.155 | 109.675 | 110.119 | 108.776 | 109.154 | 109.578 | 109.655 | 109.155 | 109.001 | 109.518 | 109.593 | 109.959 |
| 02-Apr | 108.365 | 108.842 | 109.231 | 109.14  | 109.661 | 110.108 | 108.763 | 109.134 | 109.566 | 109.640 | 109.14  | 108.984 | 109.5   | 109.58  | 109.942 |
| 03-Apr | 108.349 | 108.819 | 109.216 | 109.123 | 109.649 | 110.099 | 108.738 | 109.113 | 109.553 | 109.626 | 109.123 | 108.966 | 109.484 | 109.566 | 109.928 |
| 04-Apr | 108.335 | 108.802 | 109.202 | 109.106 | 109.636 | 110.09  | 108.717 | 109.094 | 109.542 | 109.611 | 109.106 | 108.951 | 109.469 | 109.552 | 109.909 |
| 05-Apr | 108.316 | 108.784 | 109.187 | 109.095 | 109.622 | 110.08  | 108.699 | 109.074 | 109.531 | 109.599 | 109.095 | 108.935 | 109.453 | 109.537 | 109.894 |
| 06-Apr | 108.302 | 108.768 | 109.173 | 109.076 | 109.608 | 110.071 | 108.683 | 109.046 | 109.513 | 109.584 | 109.076 | 108.916 | 109.439 | 109.522 | 109.883 |
| 07-Apr | 108.291 | 108.747 | 109.158 | 109.056 | 109.597 | 110.061 | 108.657 | 109.032 | 109.503 | 109.575 | 109.056 | 108.901 | 109.422 | 109.508 | 109.866 |
| 08-Apr | 108.275 | 108.73  | 109.144 | 109.04  | 109.585 | 110.051 | 108.640 | 109.019 | 109.485 | 109.562 | 109.04  | 108.878 | 109.407 | 109.496 | 109.852 |
| 09-Apr | 108.261 | 108.711 | 109.129 | 109.022 | 109.574 | 110.04  | 108.620 | 108.993 | 109.471 | 109.551 | 109.022 | 108.856 | 109.388 | 109.481 | 109.838 |
| 10-Apr | 108.248 | 108.699 | 109.115 | 109.008 | 109.565 | 110.027 | 108.602 | 108.974 | 109.457 | 109.538 | 109.008 | 108.836 | 109.37  | 109.467 | 109.822 |
| 11-Apr | 108.232 | 108.683 | 109.101 | 108.992 | 109.553 | 110.018 | 108.583 | 108.951 | 109.443 | 109.522 | 108.992 | 108.818 | 109.352 | 109.455 | 109.807 |
| 12-Apr | 108.217 | 108.664 | 109.086 | 108.974 | 109.54  | 110.011 | 108.563 | 108.928 | 109.429 | 109.507 | 108.974 | 108.795 | 109.339 | 109.438 | 109.791 |
| 13-Apr | 108.201 | 108.648 | 109.072 | 108.959 | 109.528 | 110.004 | 108.541 | 108.902 | 109.418 | 109.497 | 108.959 | 108.776 | 109.322 | 109.425 | 109.778 |
| 14-Apr | 108.185 | 108.63  | 109.058 | 108.943 | 109.516 | 109.995 | 108.521 | 108.888 | 109.406 | 109.484 | 108.943 | 108.758 | 109.304 | 109.411 | 109.767 |
| 15-Apr | 108.17  | 108.61  | 109.042 | 108.925 | 109.501 | 109.985 | 108.498 | 108.859 | 109.394 | 109.470 | 108.925 | 108.742 | 109.287 | 109.397 |         |
| 16-Apr | 108.158 | 108.597 | 109.028 | 108.91  | 109.487 | 109.976 | 108.486 | 108.843 | 109.379 | 109.455 | 108.906 | 108.721 | 109.273 | 109.385 |         |
| 17-Apr | 108.144 | 108.695 | 109.047 | 109.052 | 109.49  | 109.966 |         | 108.822 | 109.366 | 109.440 | 108.89  | 108.703 | 109.252 | 109.372 |         |
| 18-Apr | 108.133 | 108.676 | 109.031 | 109.035 | 109.478 | 109.957 |         | 108.795 | 109.349 | 109.425 | 108.873 | 108.683 | 109.234 | 109.357 |         |
| 19-Apr | 108.117 | 108.656 | 109.016 | 109.018 | 109.463 | 109.947 |         | 108.771 | 109.338 | 109.410 | 108.862 | 108.661 | 109.217 | 109.342 |         |
| 20-Apr | 108.103 | 108.642 | 109.001 | 109.002 | 109.449 | 109.936 |         | 108.756 | 109.326 | 109.397 | 108.834 | 108.644 | 109.201 | 109.328 |         |
| 21-Apr | 108.088 | 108.626 | 108.987 | 108.989 | 109.436 | 109.927 |         | 108.742 | 109.314 | 109.386 | 108.813 | 108.626 | 109.187 | 109.314 |         |
| 22-Apr | 108.073 | 108.607 | 108.972 | 108.975 | 109.424 | 109.916 |         | 108.720 | 109.301 | 109.373 | 108.797 | 108.613 | 109.169 | 109.301 |         |
| 23-Apr | 108.056 | 108.591 | 108.958 | 108.961 | 109.41  | 109.906 |         | 108.701 | 109.290 | 109.359 | 108.773 | 108.603 | 109.158 | 109.286 |         |
| 24-Apr | 108.04  | 108.575 | 108.943 | 108.946 | 109.399 | 109.895 |         | 108.679 | 109.272 | 109.346 | 108.757 | 108.586 | 109.139 | 109.274 |         |
| 25-Apr | 108.022 | 108.565 | 108.93  | 108.932 | 109.386 | 109.885 |         | 108.653 | 109.257 | 109.333 | 108.747 | 108.569 | 109.127 | 109.26  |         |
| 26-Apr | 108.005 | 108.548 | 108.915 | 108.917 | 109.374 | 109.874 |         | 108.629 | 109.240 | 109.320 | 108.724 | 108.549 | 109.114 | 109.247 |         |
| 27-Apr | 107.99  | 108.532 | 108.901 | 108.901 | 109.362 | 109.865 |         | 108.609 | 109.227 | 109.306 | 108.707 | 108.531 | 109.096 | 109.239 |         |
| 28-Apr | 107.978 | 108.514 | 108.886 | 108.886 | 109.349 | 109.856 |         | 108.588 | 109.213 | 109.296 | 108.684 | 108.511 | 109.069 | 109.22  |         |
| 29-Apr | 107.964 | 108.499 | 108.872 | 108.872 | 109.34  | 109.847 |         | 108.567 | 109.205 | 109.297 | 108.666 | 108.494 | 109.051 | 109.207 |         |
| 30-Apr | 107.948 | 108.481 | 108.858 | 108.856 | 109.328 | 109.839 |         | 108.552 | 109.193 | 109.286 | 108.642 | 108.476 | 109.03  | 109.192 |         |
| 01-May | 107.932 | 108.464 | 108.844 | 108.84  | 109.316 | 109.831 |         | 108.534 | 109.180 | 109.274 | 108.62  | 108.459 | 109.018 | 109.175 |         |
| 02-May | 107.918 | 108.446 | 108.83  | 108.826 | 109.304 | 109.82  |         | 108.514 | 109.165 | 109.260 | 108.6   | 108.44  | 108.999 | 109.16  |         |
| 03-May | 107.903 | 108.426 | 108.814 | 108.811 | 109.292 | 109.808 |         | 108.491 | 109.156 | 109.246 | 108.58  | 108.419 | 108.981 | 109.146 |         |
| 04-May | 107.888 | 108.409 | 108.8   | 108.796 | 109.28  | 109.8   |         | 108.465 | 109.140 | 109.235 | 108.563 | 108.402 | 108.96  | 109.127 |         |
| 05-May | 107.871 | 108.394 | 108.786 | 108.78  | 109.269 | 109.786 |         | 108.443 | 109.124 | 109.225 | 108.542 | 108.386 | 108.943 | 109.114 |         |
| 06-May | 107.855 | 108.383 | 108.773 | 108.764 | 109.26  | 109.777 |         | 108.427 | 109.110 | 109.216 | 108.519 | 108.375 | 108.924 | 109.102 |         |
| 07-May | 107.841 | 108.366 | 108.759 | 108.748 | 109.249 | 109.769 |         | 108.404 | 109.094 | 109.210 | 108.498 | 108.356 | 108.908 | 109.087 |         |
| 08-May | 107.83  | 108.346 | 108.746 | 108.732 | 109.238 | 109.768 |         | 108.388 | 109.080 | 109.200 | 108.475 | 108.336 | 108.891 | 109.074 |         |
| 09-May | 107.817 | 108.325 | 108.733 | 108.715 | 109.227 | 109.759 |         | 108.377 | 109.064 | 109.190 | 108.454 | 108.316 | 108.87  | 109.062 |         |
| 10-May | 107.804 | 108.307 | 108.721 | 108.7   | 109.215 | 109.751 |         | 108.369 | 109.048 | 109.178 | 108.437 | 108.298 | 108.853 | 109.051 |         |
| 11-May | 107.795 | 108.288 | 108.709 | 108.689 | 109.203 | 109.742 |         | 108.361 | 109.040 | 109.165 | 108.428 | 108.279 | 108.843 | 109.035 |         |
| 12-May | 107.789 | 108.267 | 108.696 | 108.676 | 109.19  | 109.731 |         | 108.363 | 109.024 | 109.155 | 108.406 | 108.258 | 108.827 | 109.02  |         |
| 13-May | 107.784 | 108.247 | 108.684 | 108.665 | 109.178 | 109.721 |         | 108.368 | 109.011 | 109.145 | 108.385 | 108.237 | 108.811 | 109.009 |         |
| 14-May | 107.777 | 108.228 | 108.673 | 108.655 | 109.167 | 109.712 |         | 108.372 | 108.996 | 109.131 | 108.366 | 108.217 | 108.793 | 109.003 |         |
| 15-May | 107.761 | 108.214 | 108.663 | 108.651 | 109.162 | 109.703 |         | 108.377 | 108.982 | 109.118 | 108.343 | 108.201 | 108.775 | 109.023 |         |
| 16-May | 107.744 | 108.199 | 108.653 | 108.639 | 109.15  | 109.694 |         | 108.382 | 108.968 | 109.104 | 108.321 | 108.18  | 108.757 | 109.006 |         |
| 17-May | 107.737 | 108.188 | 108.648 | 108.623 | 109.137 | 109.685 |         | 108.387 | 108.956 | 109.092 | 108.301 | 108.159 | 108.737 | 108.99  |         |
| 18-May | 107.728 | 108.174 | 108.645 | 108.609 | 109.128 | 109.675 |         | 108.420 | 108.947 | 109.078 | 108.28  | 108.138 | 108.72  | 108.992 |         |
| 19-May | 107.714 | 108.153 | 108.647 | 108.599 | 109.116 | 109.666 |         | 108.495 | 108.938 | 109.063 | 108.259 | 108.118 | 108.703 | 108.986 |         |
| 20-May | 107.701 | 108.22  | 108.655 | 108.625 | 109.108 | 109.656 |         | 108.562 | 108.929 | 109.049 | 108.245 | 108.099 | 108.687 | 108.971 |         |
| 21-May | 107.688 | 108.244 | 108.659 | 108.643 | 109.097 | 109.646 |         | 108.615 | 108.925 | 109.034 | 108.237 | 108.081 | 108.67  | 108.957 |         |
| 22-May | 107.673 | 108.228 | 108.661 | 108.655 | 109.089 | 109.636 |         | 108.659 | 108.912 | 109.018 | 108.22  | 108.061 | 108.65  |         |         |

|        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| 13-Jun | 108.852 | 109.118 | 109.619 | 109.644 | 109.809 | 110.775 |         | 109.614 | 109.126 | 109.672 | 109.449 | 108.975 | 108.948 | 110.174 |  |
| 14-Jun | 108.964 | 109.252 | 109.711 | 109.7   | 109.918 | 110.822 |         | 109.624 | 109.214 | 109.816 | 109.542 | 109.026 | 109.068 | 110.218 |  |
| 15-Jun | 109.041 | 109.362 | 109.796 | 109.77  | 110.016 | 110.861 |         | 109.631 | 109.293 | 109.923 | 109.629 | 109.09  | 109.216 | 110.262 |  |
| 16-Jun | 109.167 | 109.445 | 109.886 | 109.842 | 110.134 | 110.906 |         | 109.642 | 109.351 | 110.036 | 109.715 | 109.167 | 109.412 | 110.302 |  |
| 17-Jun | 109.252 | 109.561 | 109.967 | 109.883 | 110.327 | 110.94  |         | 109.650 | 109.406 | 110.132 | 109.774 | 109.252 | 109.537 | 110.332 |  |
| 18-Jun | 109.356 | 109.64  | 110.027 | 109.901 | 110.479 | 110.968 |         | 109.657 | 109.457 | 110.205 | 109.822 | 109.356 | 109.634 | 110.362 |  |
| 19-Jun | 109.449 | 109.681 | 110.081 | 109.94  | 110.603 | 110.997 |         | 109.663 | 109.509 | 110.264 | 109.867 | 109.451 | 109.734 | 110.386 |  |
| 20-Jun | 109.521 | 109.701 | 110.132 | 109.995 | 110.669 | 111.016 |         | 109.669 | 109.559 | 110.324 | 109.897 | 109.567 | 109.867 | 110.418 |  |
| 21-Jun | 109.588 | 109.716 | 110.177 | 110.055 | 110.708 | 111.035 |         | 109.674 | 109.603 | 110.424 | 109.921 | 109.659 | 109.961 | 110.47  |  |
| 22-Jun | 108.502 | 109.732 | 110.109 | 109.991 | 110.753 | 111.05  | 108.502 | 109.676 | 109.665 | 110.529 | 109.945 | 109.725 | 110.036 | 110.517 |  |
| 23-Jun | 108.57  | 109.804 | 110.167 | 110.103 | 110.731 | 111.063 | 108.570 | 109.672 | 109.758 | 110.598 | 109.962 | 109.764 | 110.103 | 110.554 |  |
| 24-Jun | 108.651 | 109.832 | 110.209 | 110.164 | 110.79  | 111.072 | 108.650 | 109.666 | 109.879 | 110.692 | 109.989 | 109.795 | 110.164 | 110.586 |  |
| 25-Jun | 108.725 | 109.87  | 110.256 | 110.218 | 110.878 | 111.094 | 108.724 | 109.658 | 109.995 | 110.851 | 110.024 | 109.833 | 110.218 | 110.615 |  |
| 26-Jun | 108.834 | 109.906 | 110.302 | 110.278 | 110.941 | 111.114 | 108.834 | 109.651 | 110.092 | 110.968 | 111.005 | 109.872 | 110.278 | 110.654 |  |
| 27-Jun | 108.93  | 109.943 | 110.34  | 110.298 | 110.99  | 111.147 | 108.930 | 109.643 | 110.181 | 111.058 | 110.066 | 109.926 | 110.351 | 110.692 |  |
| 28-Jun | 108.997 | 109.981 | 110.373 | 110.318 | 111.027 | 111.183 | 108.997 | 109.634 | 110.255 | 111.139 | 110.082 | 109.99  | 110.431 | 110.731 |  |
| 29-Jun | 109.06  | 110.015 | 110.405 | 110.38  | 111.031 | 111.218 | 109.060 | 109.624 | 110.323 | 111.198 | 110.096 | 110.049 | 110.515 | 110.781 |  |
| 30-Jun | 109.119 | 110.044 | 110.435 | 110.434 | 111.033 | 111.247 | 109.119 | 109.612 | 110.384 | 111.238 | 110.105 | 110.108 | 110.621 | 110.827 |  |
| 01-Jul | 109.188 | 110.05  | 110.462 | 110.487 | 111.035 | 111.272 | 109.188 | 109.599 | 110.439 | 111.272 | 110.117 | 110.178 | 110.711 | 110.857 |  |
| 02-Jul | 109.253 | 110.055 | 110.49  | 110.522 | 111.035 | 111.298 | 109.253 | 109.587 | 110.495 | 111.298 | 110.128 | 110.316 | 110.788 | 110.877 |  |
| 03-Jul | 109.3   | 110.061 | 110.513 | 110.558 | 111.041 | 111.318 | 109.300 | 109.573 | 110.547 | 111.318 | 110.139 | 110.418 | 110.858 | 110.89  |  |
| 04-Jul | 109.344 | 110.066 | 110.537 | 110.623 | 111.052 | 111.348 | 109.344 | 109.558 | 110.589 | 111.348 | 110.146 | 110.521 | 110.927 | 110.9   |  |
| 05-Jul | 109.39  | 110.072 | 110.562 | 110.651 | 111.094 | 111.359 | 109.390 | 109.551 | 110.628 | 111.359 | 110.154 | 110.661 | 111.001 | 110.994 |  |
| 06-Jul | 109.421 | 110.079 | 110.58  | 110.676 | 111.114 | 111.358 | 109.421 | 109.544 | 110.656 | 111.358 | 110.161 | 110.756 | 111.035 | 111.143 |  |
| 07-Jul | 109.443 | 110.091 | 110.596 | 110.701 | 111.126 | 111.357 | 109.443 | 109.532 | 110.681 | 111.354 | 110.166 | 110.837 | 111.055 | 111.196 |  |
| 08-Jul | 109.459 | 110.103 | 110.612 | 110.723 | 111.14  | 111.358 | 109.461 | 109.523 | 110.706 | 111.356 | 110.17  | 110.904 | 111.071 | 111.217 |  |
| 09-Jul | 109.48  | 110.107 | 110.623 | 110.745 | 111.154 | 111.362 | 109.480 | 109.512 | 110.728 | 111.362 | 110.167 | 110.962 | 111.093 | 111.228 |  |
| 10-Jul | 109.417 | 110.029 | 110.565 | 110.703 | 111.156 | 111.365 | 109.492 | 109.495 | 110.750 | 111.365 | 110.158 | 111.013 | 111.108 | 111.239 |  |
| 11-Jul | 109.424 | 110.032 | 110.573 | 110.712 | 111.194 | 111.368 | 109.499 | 109.480 | 110.768 | 111.362 | 110.15  | 111.061 | 111.127 | 111.247 |  |
| 12-Jul | 109.43  | 110.031 | 110.58  | 110.719 | 111.216 | 111.377 | 109.505 | 109.482 | 110.785 | 111.357 | 110.141 | 111.102 | 111.15  | 111.253 |  |
| 13-Jul | 109.447 | 110.03  | 110.585 | 110.727 | 111.231 | 111.371 | 109.512 | 109.471 | 110.796 | 111.355 | 110.133 | 111.141 | 111.169 | 111.254 |  |
| 14-Jul | 109.457 | 110.029 | 110.59  | 110.728 | 111.241 | 111.365 | 109.517 | 109.460 | 110.807 | 111.354 | 110.124 | 111.215 | 111.182 | 111.256 |  |
| 15-Jul | 109.449 | 110.027 | 110.595 | 110.732 | 111.267 | 111.361 | 109.540 | 109.450 | 110.803 | 111.352 | 110.117 | 111.263 | 111.19  | 111.262 |  |
| 16-Jul | 109.439 | 110.023 | 110.598 | 110.738 | 111.28  | 111.358 | 109.571 | 109.439 | 110.800 | 111.349 | 110.108 | 111.287 | 111.193 | 111.261 |  |
| 17-Jul | 109.427 | 110.018 | 110.602 | 110.748 | 111.288 | 111.354 | 109.608 | 109.427 | 110.800 | 111.346 | 110.1   | 111.309 | 111.195 | 111.266 |  |
| 18-Jul | 109.416 | 110.014 | 110.607 | 110.765 | 111.29  | 111.352 | 109.631 | 109.416 | 110.808 | 111.342 | 110.095 | 111.335 | 111.212 | 111.267 |  |
| 19-Jul | 109.405 | 110.01  | 110.611 | 110.786 | 111.293 | 111.355 | 109.645 | 109.405 | 110.814 | 111.338 | 110.089 | 111.355 | 111.234 | 111.267 |  |
| 20-Jul | 109.399 | 110.004 | 110.613 | 110.8   | 111.295 | 111.363 | 109.653 | 109.398 | 110.821 | 111.337 | 110.087 | 111.363 | 111.25  | 111.265 |  |
| 21-Jul | 109.383 | 109.998 | 110.616 | 110.851 | 111.291 | 111.362 | 109.658 | 109.382 | 110.831 | 111.336 | 110.084 | 111.362 | 111.26  | 111.261 |  |
| 22-Jul | 109.368 | 109.99  | 110.638 | 110.983 | 111.289 | 111.358 | 109.660 | 109.369 | 110.896 | 111.335 | 110.074 | 111.358 | 111.263 | 111.259 |  |
| 23-Jul | 109.357 | 109.981 | 110.652 | 111.039 | 111.302 | 111.354 | 109.659 | 109.357 | 111.052 | 111.336 | 110.066 | 111.354 | 111.266 | 111.255 |  |
| 24-Jul | 109.345 | 109.971 | 110.657 | 111.081 | 111.303 | 111.361 | 109.652 | 109.345 | 111.163 | 111.337 | 110.059 | 111.351 | 111.304 | 111.255 |  |
| 25-Jul | 109.333 | 109.943 | 110.626 | 110.919 | 111.324 | 111.368 | 109.647 | 109.333 | 111.237 | 111.340 | 110.055 | 111.347 | 111.341 | 111.257 |  |
| 26-Jul | 109.323 | 109.935 | 110.628 | 110.91  | 111.344 | 111.375 | 109.643 | 109.323 | 111.297 | 111.343 | 110.052 | 111.344 | 111.375 | 111.256 |  |
| 27-Jul | 109.317 | 109.925 | 110.627 | 110.907 | 111.342 | 111.377 | 109.636 | 109.317 | 111.343 | 111.340 | 110.048 | 111.342 | 111.377 | 111.257 |  |
| 28-Jul | 109.304 | 109.917 | 110.625 | 110.904 | 111.338 | 111.37  | 109.629 | 109.304 | 111.353 | 111.338 | 110.042 | 111.338 | 111.37  | 111.255 |  |
| 29-Jul | 109.292 | 109.911 | 110.623 | 110.9   | 111.333 | 111.362 | 109.622 | 109.292 | 111.345 | 111.335 | 110.034 | 111.33  | 111.362 | 111.251 |  |
| 30-Jul | 109.28  | 109.907 | 110.624 | 110.896 | 111.329 | 111.355 | 109.629 | 109.280 | 111.339 | 111.333 | 110.034 | 111.325 | 111.355 | 111.247 |  |
| 31-Jul | 109.265 | 109.914 | 110.626 | 110.891 | 111.324 | 111.353 | 109.636 | 109.265 | 111.334 | 111.329 | 110.034 | 111.32  | 111.353 | 111.243 |  |
| 01-Aug | 109.251 | 109.914 | 110.627 | 110.885 | 111.317 | 111.349 | 109.636 | 109.251 | 111.335 | 111.319 | 110.031 | 111.315 | 111.349 | 111.239 |  |
| 02-Aug | 109.24  | 109.913 | 110.627 | 110.881 | 111.318 | 111.346 | 109.642 | 109.240 | 111.336 | 111.318 | 110.027 | 111.309 | 111.346 | 111.236 |  |
| 03-Aug | 109.23  | 109.912 | 110.628 | 110.876 | 111.317 | 111.343 | 109.668 | 109.230 | 111.332 | 111.316 | 110.023 | 111.303 | 111.343 | 111.231 |  |
| 04-Aug | 109.219 | 109.91  | 110.628 | 110.869 | 111.321 | 111.34  | 109.694 | 109.219 | 111.330 | 111.323 | 110.019 | 111.295 | 111.34  | 111.222 |  |
| 05-Aug | 109.209 | 109.909 | 110.631 | 110.862 | 111.317 | 111.343 | 109.717 | 109.208 | 111.329 | 111.324 | 110.014 | 111.288 | 111.343 | 111.225 |  |
| 06-Aug | 109.197 | 109.911 | 110.642 | 110.859 | 111.314 | 111.342 | 109.819 | 109.197 | 111.330 | 111.324 | 110.013 | 111.281 | 111.338 | 111.234 |  |
| 07-Aug | 109.184 | 109.982 | 110.653 | 110.853 | 111.31  | 111.349 | 109.963 | 109.184 | 111.336 | 111.326 | 110.008 | 111.274 | 111.336 | 111.237 |  |
| 08-Aug | 109.172 | 110.003 | 110.663 | 110.851 | 111.306 | 111.359 | 110.019 | 109.172 | 111.334 | 111.326 | 110.005 | 111.265 | 111.334 | 111.231 |  |
| 09-Aug | 109.159 | 110.026 | 110.667 | 110.854 | 111.304 | 111.359 | 110.050 | 109.159 | 111.330 | 111.327 | 110.001 | 111.261 | 111.334 | 111.229 |  |
| 10-Aug | 109.147 | 110.034 | 110.667 | 110.849 | 111.302 | 111.357 | 110.071 | 109.147 | 111.324 | 111.326 | 109.997 | 111.257 | 111.328 | 111.224 |  |
| 11-Aug | 109.136 | 110.039 | 110.667 | 110.861 | 111.301 | 111.353 | 110.084 | 109.136 | 111.321 | 111.324 | 109.992 | 111.248 | 111.322 | 111.22  |  |
| 12-Aug | 109.126 | 110.045 | 110.667 | 110.891 | 111.297 | 111.35  | 110.101 | 109.126 | 111.318 | 111.324 | 109.985 | 111.242 | 111.317 | 111.218 |  |
| 13-Aug | 109.114 | 110.063 | 110.671 | 110.909 | 111.292 | 111.349 | 109.114 | 111.310 | 111.310 | 111.326 | 109.982 | 111.234 | 111.312 | 111.226 |  |
| 14-Aug | 109.102 | 110.077 | 110.675 | 110.923 | 111.288 | 111.348 | 110.168 | 109.102 | 111.305 | 111.325 | 109.985 | 111.227 | 111.308 | 111.242 |  |
| 15-Aug | 109.092 | 110.087 | 110.677 | 110.931 | 111.281 | 111.346 | 110.187 | 109.092 | 111.308 | 111.327 | 109.986 | 111.219 | 111.3   | 111.252 |  |
| 16-Aug | 109.085 | 110.098 | 110.681 | 110.94  | 111.275 | 111.345 | 110.206 | 109.085 | 111.311 | 111.337 | 109.989 | 111.21  | 111.292 | 111.268 |  |
| 17-Aug | 109.077 | 110.118 | 110.685 | 110.964 | 111.269 | 111.357 | 110.240 | 109.077 | 111.322 | 111.357 | 109.996 | 111.202 | 111.285 | 111.31  |  |
| 18-Aug | 109.068 | 110.143 | 110.688 | 110.985 | 111.263 | 111.363 | 110.268 | 109.068 | 111.324 | 111.363 | 110.017 | 111.209 | 111.278 | 111.364 |  |
| 19-Aug | 109.059 | 110.158 | 110.69  | 111.006 | 111.257 | 111.362 | 110.290 | 109.05  |         |         |         |         |         |         |  |

|        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| 10-Sep | 109.993 | 110.666 | 110.941 | 111.183 | 111.322 | 111.354 | 111.137 | 110.050 | 111.240 | 111.322 | 110.879 | 111.352 | 111.348 | 111.327 |  |
| 11-Sep | 109.993 | 110.67  | 110.948 | 111.191 | 111.33  | 111.353 | 111.161 | 110.102 | 111.231 | 111.317 | 110.901 | 111.35  | 111.343 | 111.325 |  |
| 12-Sep | 109.993 | 110.693 | 110.955 | 111.199 | 111.332 | 111.363 | 111.181 | 110.155 | 111.227 | 111.311 | 110.921 | 111.353 | 111.342 | 111.324 |  |
| 13-Sep | 110.005 | 110.729 | 110.963 | 111.205 | 111.332 | 111.385 | 111.198 | 110.209 | 111.224 | 111.304 | 110.941 | 111.349 | 111.34  | 111.324 |  |
| 14-Sep | 110.009 | 110.727 | 110.97  | 111.212 | 111.33  | 111.383 | 111.212 | 110.261 | 111.219 | 111.298 | 110.976 | 111.342 | 111.334 | 111.324 |  |
| 15-Sep | 110.012 | 110.734 | 110.976 | 111.21  | 111.33  | 111.38  | 111.226 | 110.310 | 111.214 | 111.294 | 111.012 | 111.339 | 111.332 | 111.324 |  |
| 16-Sep | 110.023 | 110.745 | 110.982 | 111.205 | 111.326 | 111.375 | 111.245 | 110.357 | 111.208 | 111.294 | 111.047 | 111.335 | 111.332 | 111.325 |  |
| 17-Sep | 110.038 | 110.756 | 110.987 | 111.201 | 111.316 | 111.372 | 111.247 | 110.404 | 111.201 | 111.292 | 111.08  | 111.327 | 111.338 | 111.325 |  |
| 18-Sep | 110.037 | 110.768 | 110.99  | 111.195 | 111.308 | 111.374 | 111.246 | 110.452 | 111.196 | 111.288 | 111.112 | 111.323 | 111.346 | 111.322 |  |
| 19-Sep | 110.037 | 110.797 | 110.996 | 111.192 | 111.304 | 111.371 | 111.247 | 110.520 | 111.190 | 111.284 | 111.138 | 111.32  | 111.346 | 111.287 |  |
| 20-Sep | 110.044 | 110.824 | 111     | 111.19  | 111.299 | 111.36  | 111.245 | 110.600 | 111.187 | 111.279 | 111.14  | 111.317 | 111.347 | 111.281 |  |
| 21-Sep | 110.039 | 110.844 | 111.002 | 111.189 | 111.295 | 111.361 | 111.248 | 110.662 | 111.187 | 111.279 | 111.141 | 111.314 | 111.345 | 111.278 |  |
| 22-Sep | 110.037 | 110.863 | 111.005 | 111.189 | 111.292 | 111.368 | 111.249 | 110.719 | 111.188 | 111.283 | 111.139 | 111.311 | 111.343 | 111.274 |  |
| 23-Sep | 110.036 | 110.877 | 111.007 | 111.195 | 111.288 | 111.368 | 111.244 | 110.772 | 111.186 | 111.280 | 111.133 | 111.306 | 111.342 | 111.27  |  |
| 24-Sep | 110.036 | 110.891 | 111.008 | 111.192 | 111.285 | 111.375 | 111.241 | 110.824 | 111.192 | 111.276 | 111.128 | 111.302 | 111.339 | 111.274 |  |
| 25-Sep | 110.04  | 110.903 | 111.01  | 111.19  | 111.28  | 111.377 | 111.240 | 110.871 | 111.193 | 111.272 | 111.124 | 111.296 | 111.338 | 111.283 |  |
| 26-Sep | 110.043 | 110.919 | 111.011 | 111.188 | 111.274 | 111.374 | 111.237 | 110.920 | 111.191 | 111.267 | 111.12  | 111.292 | 111.336 | 111.284 |  |
| 27-Sep | 110.044 | 110.959 | 111.011 | 111.185 | 111.268 | 111.369 | 111.231 | 110.969 | 111.188 | 111.262 | 111.116 | 111.287 | 111.335 | 111.285 |  |
| 28-Sep | 110.044 | 110.98  | 111.012 | 111.181 | 111.261 | 111.365 | 111.225 | 111.017 | 111.185 | 111.256 | 111.109 | 111.277 | 111.334 | 111.285 |  |
| 29-Sep | 110.043 | 110.979 | 111.014 | 111.177 | 111.257 | 111.366 | 111.233 | 111.065 | 111.181 | 111.252 | 111.105 | 111.27  | 111.333 | 111.284 |  |
| 30-Sep | 110.042 | 110.99  | 111.019 | 111.174 | 111.252 | 111.363 | 111.239 | 111.113 | 111.178 | 111.247 | 111.107 | 111.268 | 111.33  | 111.282 |  |
| 01-Oct | 110.041 | 110.967 | 111.018 | 111.167 | 111.248 | 111.36  | 111.236 | 111.154 | 111.175 | 111.242 | 111.103 | 111.264 | 111.329 | 111.277 |  |
| 02-Oct | 110.04  | 110.962 | 111.016 | 111.178 | 111.243 | 111.355 | 111.232 | 111.164 | 111.167 | 111.237 | 111.095 | 111.259 | 111.321 | 111.281 |  |
| 03-Oct | 110.036 | 110.964 | 111.014 | 111.192 | 111.238 | 111.354 | 111.230 |         | 111.161 | 111.232 | 111.093 | 111.254 | 111.319 | 111.288 |  |
| 04-Oct | 110.031 | 110.969 | 111.015 | 111.191 | 111.241 | 111.35  | 111.225 |         | 111.156 | 111.227 | 111.092 | 111.248 | 111.327 | 111.285 |  |
| 05-Oct | 110.028 | 110.97  | 111.009 | 111.156 | 111.256 | 111.346 | 111.103 |         | 111.152 | 111.224 | 111.093 | 111.263 | 111.337 | 111.285 |  |
| 06-Oct | 110.025 | 110.974 | 111.006 | 111.155 | 111.261 | 111.342 |         |         | 111.149 | 111.226 | 111.093 | 111.264 | 111.341 | 111.286 |  |
| 07-Oct | 110.019 | 110.982 | 111.003 | 111.158 | 111.265 | 111.337 |         |         | 111.149 | 111.222 | 111.088 | 111.264 | 111.337 | 111.292 |  |
| 08-Oct | 110.012 | 110.984 | 110.997 | 111.16  | 111.25  | 111.334 |         |         |         | 111.219 | 111.083 | 111.265 | 111.334 | 111.294 |  |
| 09-Oct | 110.008 | 110.986 | 110.992 | 111.159 | 111.228 | 111.333 |         |         |         | 111.216 | 111.078 | 111.264 | 111.333 | 111.293 |  |
| 10-Oct | 110.003 | 110.997 | 110.991 | 111.159 | 111.23  | 111.332 |         |         |         | 111.213 | 111.073 | 111.261 | 111.332 | 111.299 |  |
| 11-Oct | 109.998 | 111.01  | 110.989 | 111.154 | 111.231 | 111.331 |         |         |         | 111.209 | 111.066 | 111.259 | 111.331 | 111.298 |  |
| 12-Oct | 109.991 | 111.013 | 110.987 | 111.149 | 111.233 | 111.328 |         |         |         | 111.208 | 111.058 | 111.256 | 111.328 | 111.298 |  |
| 13-Oct | 109.985 | 111.005 | 110.984 | 111.144 | 111.237 | 111.322 |         |         |         | 111.209 | 111.051 | 111.252 | 111.322 | 111.305 |  |
| 14-Oct | 109.984 | 111.002 | 110.981 | 111.14  | 111.236 | 111.315 |         |         |         | 111.204 | 111.044 | 111.248 | 111.315 | 111.314 |  |
| 15-Oct | 109.977 | 110.995 | 110.976 | 111.134 | 111.236 | 111.308 |         |         |         | 111.201 | 111.042 | 111.243 | 111.308 | 111.335 |  |
| 16-Oct | 109.969 | 110.987 | 110.973 | 111.13  | 111.232 | 111.304 |         |         |         | 111.196 | 111.049 | 111.235 | 111.303 | 111.345 |  |
| 17-Oct | 109.963 | 110.981 | 110.969 | 111.128 | 111.229 | 111.303 |         |         |         | 111.192 | 111.047 | 111.229 | 111.299 | 111.354 |  |
| 18-Oct | 109.957 | 110.974 | 110.965 | 111.132 | 111.224 | 111.299 |         |         |         | 111.188 | 111.038 | 111.222 | 111.281 | 111.355 |  |
| 19-Oct | 109.95  | 110.967 | 110.959 | 111.123 | 111.225 | 111.295 |         |         | 111.176 | 111.182 | 111.025 | 111.223 | 111.276 | 111.358 |  |
| 20-Oct | 109.943 | 110.959 | 110.954 | 111.121 | 111.222 | 111.292 |         |         | 111.177 | 111.176 | 111.026 | 111.22  | 111.268 | 111.365 |  |
| 21-Oct | 109.934 | 110.951 | 110.948 | 111.119 | 111.213 | 111.289 |         |         | 111.177 | 111.170 | 111.028 | 111.208 | 111.261 | 111.381 |  |
| 22-Oct | 109.936 | 110.944 | 110.943 | 111.116 | 111.205 | 111.282 |         |         | 111.176 | 111.164 | 111.027 | 111.199 | 111.252 | 111.377 |  |
| 23-Oct | 109.929 | 110.938 | 110.937 | 111.114 | 111.2   | 111.276 |         |         | 111.176 | 111.157 | 111.027 | 111.193 | 111.245 | 111.366 |  |
| 24-Oct | 109.923 | 110.929 | 110.931 | 111.114 | 111.193 | 111.27  |         |         | 111.175 | 111.152 | 111.021 | 111.184 | 111.237 | 111.36  |  |
| 25-Oct | 109.918 | 110.922 | 110.926 | 111.114 | 111.186 | 111.267 |         |         | 111.171 | 111.142 | 111.02  | 111.176 | 111.229 | 111.35  |  |
| 26-Oct | 109.919 | 110.916 | 110.92  | 111.111 | 111.178 | 111.264 |         |         | 111.168 | 111.136 | 111.019 | 111.168 | 111.224 | 111.348 |  |
| 27-Oct | 109.919 | 110.905 | 110.914 | 111.108 | 111.174 | 111.263 |         |         | 111.165 | 111.128 | 111.017 | 111.159 | 111.219 | 111.346 |  |
| 28-Oct | 109.914 | 110.899 | 110.91  | 111.105 | 111.171 | 111.255 |         |         | 111.161 | 111.120 | 111.056 | 111.15  | 111.212 | 111.345 |  |
| 29-Oct | 109.909 | 110.892 | 110.904 | 111.1   | 111.165 | 111.248 |         |         | 111.155 | 111.114 | 111.051 | 111.141 | 111.206 | 111.343 |  |
| 30-Oct | 109.899 | 110.882 | 110.899 | 111.094 | 111.16  | 111.243 |         |         | 111.151 | 111.108 | 111.044 | 111.133 | 111.204 | 111.348 |  |
| 31-Oct | 109.893 | 110.877 | 110.893 | 111.087 | 111.156 | 111.236 |         |         | 111.147 | 111.099 | 111.041 | 111.125 | 111.202 | 111.345 |  |
| 01-Nov | 109.885 | 110.865 | 110.885 | 111.082 | 111.151 | 111.232 |         |         | 111.141 | 111.091 | 111.035 | 111.121 | 111.199 | 111.342 |  |
| 02-Nov | 109.874 | 110.857 | 110.879 | 111.076 | 111.147 | 111.246 |         |         | 111.138 | 111.085 | 111.031 | 111.114 | 111.19  | 111.338 |  |
| 03-Nov | 109.865 | 110.848 | 110.871 | 111.069 | 111.143 | 111.243 |         |         | 111.138 | 111.072 | 111.025 | 111.103 | 111.182 | 111.334 |  |
| 04-Nov | 109.856 | 110.838 | 110.863 | 111.065 | 111.133 | 111.236 |         |         | 111.126 | 111.064 | 111.015 | 111.094 | 111.174 | 111.331 |  |
| 05-Nov | 109.847 | 110.829 | 110.855 | 111.06  | 111.126 | 111.228 |         |         | 111.121 | 111.055 | 111.006 | 111.08  | 111.166 | 111.326 |  |
| 06-Nov | 109.839 | 110.822 | 110.848 | 111.054 | 111.12  | 111.221 |         |         | 111.114 | 111.047 | 110.998 | 111.069 | 111.158 | 111.32  |  |
| 07-Nov | 109.831 | 110.814 | 110.839 | 111.045 | 111.111 | 111.213 |         |         | 111.104 | 111.039 | 110.99  | 111.057 | 111.153 | 111.315 |  |
| 08-Nov | 109.825 | 110.803 | 110.831 | 111.037 | 111.105 | 111.207 |         |         | 111.098 | 111.030 | 110.98  | 111.047 | 111.144 | 111.309 |  |
| 09-Nov | 109.813 | 110.791 | 110.822 | 111.03  | 111.099 | 111.201 |         |         | 111.093 | 111.023 | 110.974 | 111.037 | 111.137 | 111.303 |  |
| 10-Nov | 109.805 | 110.782 | 110.814 | 111.019 | 111.091 | 111.194 |         |         | 111.086 | 111.011 | 110.964 | 111.027 | 111.13  | 111.297 |  |
| 11-Nov | 109.796 | 110.773 | 110.806 | 111.01  | 111.083 | 111.186 |         |         | 111.079 | 111.001 | 110.955 | 111.018 | 111.123 | 111.294 |  |
| 12-Nov | 109.788 | 110.765 | 110.798 | 111.001 | 111.076 | 111.183 |         |         | 111.071 | 110.991 | 110.946 | 111.012 | 111.115 | 111.29  |  |
| 13-Nov | 109.782 | 110.756 | 110.79  | 110.993 | 111.068 | 111.178 |         |         | 111.063 | 110.982 | 110.937 | 111.003 | 111.107 | 111.288 |  |
| 14-Nov | 109.782 | 110.747 | 110.782 | 110.98  | 111.06  | 111.169 |         |         | 111.055 | 110.972 | 110.928 | 110.987 | 111.103 | 111.282 |  |
| 15-Nov | 109.773 | 110.739 | 110.774 | 110.97  | 111.053 | 111.162 | 110.770 |         | 111.047 | 110.960 | 110.917 | 110.98  | 111.097 | 111.275 |  |
| 16-Nov | 109.764 | 110.731 | 110.765 | 110.961 | 111.048 | 111.156 | 110.764 |         | 111.043 | 110.949 | 110.903 | 110.973 | 111.088 | 111.269 |  |
| 17-Nov | 109.755 | 110.722 | 110.758 | 110.95  | 111.038 | 111.146 | 110.755 |         | 111.034 | 110.939 | 110.893 | 110.96  | 111.08  | 111.261 |  |
| 18-Nov | 109.749 | 110.713 | 110.75  | 110.939 | 111.034 | 111.14  | 110.748 |         | 111.031 | 110.928 | 110.884 | 110.95  | 111.07  | 111.253 |  |
| 19-Nov | 109.74  | 110.705 | 110.742 | 110.929 | 111.028 | 111.133 | 110.740 |         | 111.022 | 110.918 | 110.874 | 110.941 | 111.062 | 111.244 |  |
| 20-Nov | 109.731 | 110.697 | 110.734 | 110.923 | 111.021 | 111.124 | 110.73  |         |         |         |         |         |         |         |  |

|        |         |         |         |         |         |         |         |  |         |         |         |         |         |         |  |
|--------|---------|---------|---------|---------|---------|---------|---------|--|---------|---------|---------|---------|---------|---------|--|
| 08-Dec | 109.575 | 110.517 | 110.58  | 110.737 | 110.882 | 111.008 | 110.586 |  | 110.876 | 110.692 | 110.688 | 110.784 | 110.889 | 111.123 |  |
| 09-Dec | 109.564 | 110.505 | 110.571 | 110.727 | 110.872 | 110.997 | 110.577 |  | 110.869 | 110.680 | 110.677 | 110.774 | 110.876 | 111.114 |  |
| 10-Dec | 109.554 | 110.493 | 110.562 | 110.715 | 110.864 | 110.985 | 110.569 |  | 110.860 | 110.665 | 110.667 | 110.77  | 110.865 | 111.106 |  |
| 11-Dec | 109.544 | 110.481 | 110.553 | 110.706 | 110.857 | 110.976 | 110.560 |  | 110.853 | 110.652 | 110.655 | 110.759 | 110.857 | 111.099 |  |
| 12-Dec | 109.532 | 110.468 | 110.544 | 110.695 | 110.848 | 110.969 | 110.552 |  | 110.849 | 110.638 | 110.644 | 110.749 | 110.848 | 111.09  |  |
| 13-Dec | 109.528 | 110.457 | 110.534 | 110.686 | 110.838 | 110.959 | 110.544 |  | 110.838 | 110.626 | 110.633 | 110.743 | 110.829 | 111.084 |  |
| 14-Dec | 109.521 | 110.446 | 110.526 | 110.677 | 110.832 | 110.949 | 110.535 |  | 110.833 | 110.613 | 110.623 | 110.731 | 110.818 | 111.071 |  |
| 15-Dec | 109.512 | 110.433 | 110.516 | 110.667 | 110.822 | 110.943 | 110.527 |  | 110.822 | 110.597 | 110.612 | 110.723 | 110.808 | 111.061 |  |
| 16-Dec | 109.498 | 110.42  | 110.506 | 110.659 | 110.814 | 110.936 | 110.519 |  | 110.815 | 110.585 | 110.604 | 110.713 | 110.799 | 111.053 |  |
| 17-Dec | 109.492 | 110.407 | 110.498 | 110.648 | 110.805 | 110.928 | 110.515 |  | 110.805 | 110.590 | 110.592 | 110.703 | 110.789 | 111.045 |  |
| 18-Dec | 109.482 | 110.394 | 110.489 | 110.639 | 110.796 | 110.92  | 110.509 |  | 110.797 | 110.583 | 110.581 | 110.694 | 110.778 | 111.04  |  |
| 19-Dec | 109.474 | 110.383 | 110.48  | 110.626 | 110.789 | 110.913 | 110.501 |  | 110.793 | 110.568 | 110.57  | 110.681 | 110.769 | 111.031 |  |
| 20-Dec | 109.465 | 110.373 | 110.47  | 110.616 | 110.781 | 110.906 | 110.492 |  |         | 110.550 | 110.561 | 110.671 | 110.759 | 111.023 |  |
| 21-Dec | 109.454 | 110.365 | 110.462 | 110.606 | 110.772 | 110.898 | 110.484 |  |         | 110.541 | 110.551 | 110.66  | 110.75  | 111.014 |  |
| 22-Dec | 109.444 | 110.354 | 110.453 | 110.597 | 110.764 | 110.891 | 110.481 |  |         | 110.523 | 110.54  | 110.653 | 110.743 | 111.006 |  |
| 23-Dec | 109.436 | 110.344 | 110.444 | 110.588 | 110.756 | 110.884 | 110.477 |  |         | 110.506 | 110.529 | 110.647 | 110.73  | 110.997 |  |
| 24-Dec | 109.428 | 110.333 | 110.435 | 110.58  | 110.747 | 110.878 | 110.469 |  |         | 110.490 | 110.52  | 110.639 | 110.726 | 110.988 |  |
| 25-Dec | 109.42  | 110.325 | 110.428 | 110.573 | 110.739 | 110.872 | 110.463 |  |         | 110.482 | 110.511 | 110.635 | 110.719 | 110.98  |  |
| 26-Dec | 109.413 | 110.314 | 110.42  | 110.561 | 110.733 | 110.869 | 110.453 |  |         | 110.472 | 110.499 | 110.622 | 110.704 | 110.971 |  |
| 27-Dec | 109.412 | 110.302 | 110.411 | 110.55  | 110.725 | 110.862 | 110.446 |  |         | 110.461 | 110.486 | 110.613 | 110.694 | 110.964 |  |
| 28-Dec | 109.406 | 110.294 | 110.402 | 110.539 | 110.717 | 110.857 | 110.436 |  |         | 110.452 | 110.475 | 110.603 | 110.685 | 110.956 |  |
| 29-Dec | 109.401 | 110.285 | 110.394 | 110.531 | 110.707 | 110.851 | 110.430 |  |         | 110.441 | 110.467 | 110.594 | 110.674 | 110.951 |  |
| 30-Dec | 109.392 | 110.275 | 110.385 | 110.522 | 110.699 | 110.845 | 110.424 |  |         | 110.433 | 110.457 | 110.586 | 110.663 | 110.942 |  |
| 31-Dec | 109.383 | 110.267 | 110.377 | 110.515 | 110.689 | 110.839 | 110.415 |  |         | 110.424 | 110.446 | 110.584 | 110.654 | 110.943 |  |

**Table 4**  
**Lake Geraldine Refilling Calculation**

|                                 |                                                                                     |                                             |                                |                                       |
|---------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|---------------------------------------|
| <b>Date:</b> April 14, 2026     |                                                                                     |                                             |                                |                                       |
|                                 | Date                                                                                | 14-Apr-26                                   | Spill Elevation                | Deficit                               |
|                                 | Lake Geraldine Water Level (m)                                                      | 109.77                                      | 111.30                         | 1.53                                  |
|                                 | Lake Geraldine Volume (m <sup>3</sup> )                                             | 1,171,993                                   | 1,680,678                      | 508,685                               |
| Pumping Rate<br>(litres/second) | Days of Pumping to Reach<br>Reservoir Spill (using April 14 @<br>2400 water levels) | Demand Data (prev.<br>month, current month) | Days remaining in<br>reservoir | Daily demand<br>(m <sup>3</sup> /day) |
| 200 lps                         | 30                                                                                  | March 2026                                  | 365                            | 3,209                                 |
| 161 lps                         | 37                                                                                  | 14-Apr-26                                   | 326                            | 3,591                                 |
| 91 lps                          | 65                                                                                  |                                             |                                |                                       |

Enter Values in cells highlighted green

**NOTES:**

1. The date (April 14, 2026) and the corresponding water level on the date in Lake Geraldine (El. 109.77 m) is entered.
2. Based on water level entered (108.77 m), the volume of the water contained in Lake Geraldine (1,171,993 m<sup>3</sup>) is calculated using the look-up table (Table 2).
3. The deficit (difference between the April 14, 2026 water level and the maximum volume at the spill elevation is calculated.
4. The projected daily demand is entered.
5. At different pumping rates, and based in the projected daily demand, the number of days to reach the spill elevation is calculated
6. This provides the City with an estimate of pumping requirements, not considering catchment runoff into the reservoir.