



*Supplement of*

**A dataset for lake level changes in the Tibetan Plateau  
from 2002 and 2010 to 2021 using multi-altimeter data**

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Table S1. Individual lake level trends derived from multi-altimeter data in the Tibetan Plateau

| No. | Lake Name      | Lat. (deg) | Lon. (deg) | Area (km <sup>2</sup> ) | Duration (yyyy/mm/dd) | Annual<br>rate<br>(m/y) | P-value | Altimeter type* |
|-----|----------------|------------|------------|-------------------------|-----------------------|-------------------------|---------|-----------------|
| 1   | Ake Sayi Lake  | 35.2       | 79.86      | 258.25                  | 2003/04/20-2021/07/17 | 0.1837                  | < 0.001 | 1,2,3,7,8       |
| 2   | Amu Co         | 33.49      | 88.7       | 114.98                  | 2007/03/23-2021/05/11 | 0.2746                  | < 0.001 | 1,3,5,7         |
| 3   | Angrenjin Co   | 29.31      | 87.19      | 21.08                   | 2016/04/29-2021/01/12 | 0.0540                  | < 0.001 | 3,8             |
| 4   | Angshang Co    | 33.72      | 82.67      | 27.66                   | 2007/10/13-2021/05/23 | 0.3547                  | < 0.001 | 2,3,8           |
| 5   | Aqujjik Kaje   | 37.07      | 88.4       | 350                     | 2003/10/13-2021/07/27 | 0.5355                  | < 0.001 | 1,2,3,7,8       |
| 6   | Argog Co       | 30.98      | 82.24      | 55.26                   | 2003/09/16-2020/08/28 | -0.0104                 | 0.400   | 1,2,3           |
| 7   | Aru Co         | 33.99      | 82.4       | 104.32                  | 2003/10/06-2021/06/20 | -0.0198                 | < 0.001 | 1,2,3,7         |
| 8   | Ayakkum Lake   | 37.53      | 89.45      | 520                     | 2003/01/02-2021/07/25 | 0.3262                  | < 0.001 | 1,2,3,4,5,7,8   |
| 9   | Bangdag Co     | 34.94      | 81.56      | 142.92                  | 2005/06/17-2021/05/28 | 0.6624                  | < 0.001 | 2,3,7           |
| 10  | Bangkog Co     | 31.74      | 89.51      | 123.87                  | 2003/03/11-2021/06/29 | -0.1595                 | < 0.001 | 1,3,7,8         |
| 11  | Bangong Co     | 33.68      | 79.23      | 671.2                   | 2002/10/26-2021/06/27 | 0.0919                  | < 0.001 | 1,2,3,4,5,6,7,8 |
| 12  | Bensong Co     | 33.21      | 86.43      | 15.27                   | 2007/04/13-2016/03/14 | 0.2540                  | 0.016   | 1,7             |
| 13  | Bong Co        | 31.22      | 91.16      | 143.98                  | 2011/03/28-2021/06/02 | 0.0153                  | 0.222   | 1,3,7           |
| 14  | Buergacuo Lake | 33.66      | 84.38      | 10.01                   | 2003/09/13-2019/11/22 | 0.2335                  | < 0.001 | 1,3,5,7         |

|    |                  |       |       |        |                       |         |         |                 |
|----|------------------|-------|-------|--------|-----------------------|---------|---------|-----------------|
| 15 | Cam Co           | 32.12 | 83.55 | 103.7  | 2009/08/27-2020/08/26 | 0.2116  | < 0.001 | 3,4,5           |
| 16 | Cedo Caka        | 33.17 | 89.04 | 74.96  | 2008/02/22-2021/07/02 | 0.3690  | < 0.001 | 1,2,3,8         |
| 17 | Cemar Co         | 33.55 | 84.59 | 49.42  | 2012/04/13-2020/09/19 | 0.1542  | < 0.001 | 3               |
| 18 | Chabo Co         | 33.36 | 84.19 | 49.47  | 2007/10/29-2020/06/06 | 0.1417  | < 0.001 | 1,2,3,5,8       |
| 19 | Changhu Lake1    | 35.02 | 84.48 | 10.35  | 2007/04/08-2021/06/17 | 0.1169  | < 0.001 | 2,3             |
| 20 | Changhu Lake2    | 34.71 | 89.04 | 51.08  | 2003/12/18-2021/07/25 | 0.1420  | < 0.001 | 1,3,7           |
| 21 | Chaxiabucuo Lake | 31.93 | 87.88 | 11.53  | 2007/10/24-2021/05/13 | 0.1452  | < 0.001 | 2,3             |
| 22 | Chem Co          | 34.16 | 79.78 | 121.53 | 2007/03/24-2021/05/05 | 0.1460  | < 0.001 | 2,3,5           |
| 23 | Chibzhang Co     | 33.45 | 90.27 | 541.18 | 2003/03/03-2021/07/22 | 0.4185  | < 0.001 | 1,2,3,4,5,6,7,8 |
| 24 | Co Ngoin1        | 31.59 | 88.72 | 268.42 | 2007/11/02-2021/07/25 | 0.0135  | 0.090   | 1,2,3,8         |
| 25 | Co Nyi           | 34.55 | 87.18 | 166.91 | 2005/06/15-2021/07/30 | 0.0988  | < 0.001 | 1,2,3,7         |
| 26 | Cuoda Rima       | 35.33 | 91.86 | 83.87  | 2005/03/21-2021/03/16 | 0.3154  | < 0.001 | 3,4,5,6         |
| 27 | Cuona Co         | 31.63 | 82.34 | 52.81  | 2007/03/23-2021/04/05 | 0.0374  | 0.066   | 2,3             |
| 28 | Cuona Lake       | 32.03 | 91.48 | 191.46 | 2011/07/17-2021/06/25 | -0.0117 | 0.051   | 3               |
| 29 | Dabsan Lake      | 36.96 | 95.15 | 296.4  | 2009/08/06-2021/05/23 | -0.0530 | < 0.001 | 1,3,4,5,7,8     |
| 30 | Daggyai Co       | 29.84 | 85.72 | 109.43 | 2005/11/08-2021/07/07 | 0.0622  | 0.016   | 1,2,3           |
| 31 | Dagze Co         | 31.89 | 87.52 | 311.04 | 2003/02/24-2021/07/02 | 0.4180  | < 0.001 | 1,2,3,5,6,7,8   |

|    |                    |       |       |        |                       |         |         |                 |
|----|--------------------|-------|-------|--------|-----------------------|---------|---------|-----------------|
| 32 | Damazirang         | 30.95 | 85.99 | 32.98  | 2011/12/15-2021/06/12 | -0.0124 | 0.323   | 1,3             |
| 33 | Dangqiong Co       | 31.57 | 86.74 | 63.87  | 2010/01/04-2019/08/04 | 0.1480  | < 0.001 | 1,7,8           |
| 34 | Dangquezangbu      | 29.83 | 83.73 | 62.6   | 2005/02/26-2021/07/12 | 0.1130  | < 0.001 | 1,2,3,7,8,37    |
| 35 | Darab Co           | 32.47 | 83.22 | 25.66  | 2005/10/29-2020/10/15 | 0.1259  | < 0.001 | 2,3             |
| 36 | Dawa Co            | 31.24 | 84.96 | 118.2  | 2007/04/05-2021/06/15 | 0.2620  | < 0.001 | 2,3             |
| 37 | Daxiong Lake       | 34.05 | 85.61 | 42.93  | 2008/10/14-2021/05/20 | 0.3077  | < 0.001 | 2,3,8           |
| 38 | Deyu Lake          | 35.69 | 87.27 | 61.63  | 2004/05/28-2021/07/30 | 0.3648  | < 0.001 | 1,2,3,4,5,7,8   |
| 39 | Dogai Coring       | 34.58 | 88.96 | 492.4  | 2002/11/28-2021/07/23 | 0.2257  | < 0.001 | 1,2,3,4,5,6,7,8 |
| 40 | Dogaicoring Qangco | 35.32 | 89.24 | 403.1  | 2003/03/14-2021/07/25 | 0.3900  | < 0.001 | 1,3,7,8         |
| 41 | Dong Co            | 32.18 | 84.74 | 105.43 | 2004/01/12-2021/04/03 | 0.1468  | < 0.001 | 1,3,7           |
| 42 | Donggei Cuona Lake | 35.3  | 98.55 | 241.37 | 2003/02/04-2021/06/14 | 0.0651  | < 0.001 | 1,3,7,8         |
| 43 | Dulishi Lake       | 34.73 | 81.89 | 98.55  | 2003/11/28-2021/04/05 | 0.2853  | < 0.001 | 1,3,7,8         |
| 44 | Dung Co            | 31.71 | 91.16 | 151.44 | 2010/05/26-2021/06/02 | 0.0020  | 0.750   | 1,3,5,6,8       |
| 45 | Duoqing Co         | 28.15 | 89.35 | 49.6   | 2003/07/10-2021/05/11 | -0.0271 | 0.010   | 1,3,7,8         |
| 46 | Finger Lake        | 33.72 | 85.12 | 15.18  | 2004/04/26-2021/07/10 | 0.3339  | < 0.001 | 1,3,7           |
| 47 | Gangnagema Co      | 34.32 | 98.66 | 32.03  | 2012/06/06-2020/07/01 | 0.0136  | 0.109   | 3               |
| 48 | Gansenquan Lake    | 37.46 | 92.77 | 20.02  | 2008/03/08-2020/04/17 | 0.0293  | 0.003   | 2,3             |

|    |                   |       |       |        |                       |         |         |             |
|----|-------------------|-------|-------|--------|-----------------------|---------|---------|-------------|
| 49 | Gaotai Lake       | 35.41 | 90.96 | 10.59  | 2006/03/24-2021/04/15 | 0.0066  | 0.335   | 2,3         |
| 50 | Gasi Kule Lake    | 38.12 | 90.79 | 115.81 | 2003/11/10-2021/06/25 | -0.0412 | < 0.001 | 1,2,3,7     |
| 51 | Gemang Co         | 31.58 | 87.28 | 62.28  | 2009/10/01-2021/07/27 | 0.1551  | < 0.001 | 2,3         |
| 52 | Gemu Caka         | 33.67 | 85.81 | 70.52  | 2003/10/16-2020/08/22 | -0.0314 | < 0.001 | 1,3,7       |
| 53 | Gopug Co          | 31.86 | 83.18 | 61.63  | 2003/07/25-2020/06/09 | 0.0957  | < 0.001 | 1,2,3,7     |
| 54 | Goren Co          | 31.12 | 88.35 | 478.16 | 2003/06/27-2021/07/25 | 0.1081  | < 0.001 | 1,2,3,5,7,8 |
| 55 | Gouren Lake       | 34.6  | 92.45 | 31.3   | 2005/06/02-2021/05/31 | 0.2184  | < 0.001 | 2,3,7       |
| 56 | Gozha Co          | 35.02 | 81.07 | 245.34 | 2003/11/13-2021/07/15 | -0.0027 | < 0.001 | 1,3,7,8     |
| 57 | Guboke Co         | 33.08 | 82.03 | 11.98  | 2004/01/18-2021/03/14 | -0.0175 | 0.007   | 1,3,7       |
| 58 | Guojialun Lake    | 31.99 | 88.69 | 88.19  | 2010/12/23-2021/07/25 | 0.2775  | < 0.001 | 1,3,8       |
| 59 | Gyarab Punco      | 32.2  | 87.78 | 51.9   | 2006/11/17-2021/03/28 | 0.0064  | < 0.001 | 2,3,5,6     |
| 60 | Gyaring Lake      | 34.93 | 97.26 | 526    | 2007/10/04-2021/07/10 | 0.0276  | 0.055   | 1,2,3,7,8   |
| 61 | Gyesar Co         | 30.21 | 84.8  | 142.1  | 2007/06/07-2017/05/06 | 0.1694  | 0.003   | 1,4,5       |
| 62 | Haidingnuo'er     | 35.57 | 93.17 | 67.59  | 2010/11/03-2021/07/17 | -0.0977 | < 0.001 | 3,5         |
| 63 | Har Lake          | 38.29 | 97.59 | 609.04 | 2003/09/18-2021/07/10 | 0.1894  | < 0.001 | 1,2,3,7,8   |
| 64 | Heishi North Lake | 35.56 | 82.74 | 112.4  | 2003/03/26-2021/04/28 | 0.3899  | < 0.001 | 1,2,3,5,7,8 |
| 65 | Hoh Xil Lake      | 35.59 | 91.14 | 350.38 | 2005/06/20-2021/07/22 | 0.4792  | < 0.001 | 2,3,4,5,8   |

|    |                 |       |       |        |                       |         |         |                 |
|----|-----------------|-------|-------|--------|-----------------------|---------|---------|-----------------|
| 66 | Hot Spring Lake | 34.43 | 83.56 | 11.65  | 2008/03/08-2021/05/21 | 0.0033  | < 0.001 | 2,3             |
| 67 | Hulu Lake       | 34.42 | 91.03 | 36.91  | 2011/11/08-2021/07/22 | 0.1848  | < 0.001 | 3,7             |
| 68 | Jiamucheng Co   | 33.74 | 90.64 | 34.27  | 2007/03/11-2020/09/07 | 0.1651  | < 0.001 | 2,3,8           |
| 69 | Jiang Co        | 31.55 | 90.82 | 40.48  | 2007/10/24-2021/01/30 | 0.1349  | 0.063   | 2,3             |
| 70 | Jiangchai Co    | 32.16 | 90.46 | 28.64  | 2003/07/10-2021/06/27 | -0.0137 | 0.050   | 1,3,7           |
| 71 | Jidaocuo Lake   | 32.52 | 83.22 | 12.76  | 2006/11/02-2020/12/02 | -0.0742 | 0.033   | 2,3             |
| 72 | Jieyue Lake     | 35.07 | 90.27 | 17.76  | 2008/12/06-2020/06/21 | -0.0071 | 0.861   | 2,3             |
| 73 | Jieze Caka      | 33.95 | 80.9  | 114.33 | 2003/12/18-2020/02/19 | 0.0725  | < 0.001 | 1,2,3,7,8       |
| 74 | Jingyu Lake     | 36.33 | 89.44 | 339.57 | 2003/08/01-2021/07/25 | 0.4282  | < 0.001 | 1,3,7           |
| 75 | Jiuru Co        | 31.01 | 89.92 | 39.95  | 2007/05/18-2020/12/03 | 0.0114  | 0.392   | 3,4,5,6         |
| 76 | Katiao Co       | 33.96 | 82.97 | 61.09  | 2007/03/19-2021/04/07 | 0.7727  | < 0.001 | 2,3             |
| 77 | Kekao Lake      | 35.7  | 91.36 | 74.39  | 2004/05/22-2021/06/27 | 0.4040  | < 0.001 | 1,2,3,4,5,7     |
| 78 | Kongmu Co       | 29.01 | 90.45 | 36.94  | 2007/10/16-2021/04/15 | -0.0412 | < 0.001 | 2,3             |
| 79 | Kunggyu Co      | 30.64 | 82.13 | 55.57  | 2004/05/18-2020/12/28 | 0.0600  | < 0.001 | 1,2,3,7,8       |
| 80 | Kunzhong Co     | 33.1  | 80.39 | 13.77  | 2009/08/07-2021/01/27 | -0.0868 | 0.668   | 3,4,5           |
| 81 | Kusai Lake      | 35.73 | 92.87 | 326.8  | 2002/09/29-2021/07/15 | 0.6215  | < 0.001 | 1,2,3,4,5,6,7,8 |
| 82 | Kushuihuan      | 35.99 | 90.12 | 34.7   | 2004/04/17-2020/10/24 | -0.0234 | < 0.001 | 1,2,3,7         |

|    |                  |       |       |        |                       |         |         |               |
|----|------------------|-------|-------|--------|-----------------------|---------|---------|---------------|
| 83 | Kyebxang Co      | 32.45 | 89.98 | 187.11 | 2005/11/03-2021/06/30 | 0.2350  | < 0.001 | 2,3,8         |
| 84 | Lagkor Co        | 32.03 | 84.13 | 95.62  | 2007/10/18-2021/04/26 | 0.1839  | < 0.001 | 2,3,8         |
| 85 | Langa Co         | 30.69 | 81.23 | 256.24 | 2002/07/18-2020/11/23 | -0.1559 | < 0.001 | 1,3,4,5,6,7,8 |
| 86 | Langqiang Co     | 28.72 | 85.88 | 24.03  | 2004/04/05-2021/03/06 | -0.0552 | < 0.001 | 1,3,7         |
| 87 | Laxiang Co       | 33.98 | 86.04 | 25.46  | 2011/08/06-2021/07/30 | 0.2270  | < 0.001 | 1,3           |
| 88 | Laxiong Co       | 34.34 | 85.23 | 66.92  | 2011/05/26-2021/07/07 | 0.3449  | < 0.001 | 1,3,7         |
| 89 | Lexiewudan Co    | 35.75 | 90.2  | 273.3  | 2004/01/03-2021/07/23 | 0.5863  | < 0.001 | 1,2,3,4,5,7,8 |
| 90 | Lianhu Lake      | 35.56 | 90.22 | 47.11  | 2007/04/03-2021/07/23 | 0.3035  | < 0.001 | 2,3,4,5       |
| 91 | Longmucuo Lake   | 34.66 | 80.69 | 10.85  | 2004/08/03-2021/05/28 | 0.1170  | < 0.001 | 1,3,7         |
| 92 | Longre Co        | 34.87 | 98.02 | 17.77  | 2003/09/03-2020/11/29 | 0.0227  | < 0.001 | 1,3,7         |
| 93 | Longwei Co       | 33.87 | 88.31 | 57.85  | 2008/03/18-2021/06/30 | 0.2201  | < 0.001 | 2,3,7,8       |
| 94 | Lumajiangdong Co | 34.02 | 81.61 | 384.67 | 2003/07/12-2021/05/28 | 0.3865  | < 0.001 | 1,2,3,4,5,7,8 |
| 95 | Luotuo Lake      | 34.44 | 81.94 | 68.22  | 2007/03/14-2021/04/08 | 0.2726  | < 0.001 | 1,2,3,4,5,8   |
| 96 | Maindung Co      | 33.53 | 78.91 | 57.8   | 2006/02/26-2021/07/22 | -0.0370 | < 0.001 | 2,3,8         |
| 97 | Mang Co1         | 29.53 | 98.84 | 18.28  | 2004/01/05-2016/05/18 | 0.4612  | < 0.001 | 1,7           |
| 98 | Mapam Yumco      | 30.68 | 81.47 | 412.69 | 2003/04/13-2021/07/15 | -0.0130 | 0.029   | 1,2,3,7       |
| 99 | Margai Caka      | 35.12 | 86.75 | 158.05 | 2006/03/13-2021/04/20 | 0.6346  | < 0.001 | 2,3,8         |

|     |                 |       |       |         |                       |         |         |               |
|-----|-----------------|-------|-------|---------|-----------------------|---------|---------|---------------|
| 100 | Margog Caka     | 33.86 | 87.01 | 90.43   | 2009/01/22-2021/07/27 | 0.0328  | < 0.001 | 3,4,5,6       |
| 101 | Mazhangcuoqin   | 34.34 | 91.59 | 67.93   | 2008/10/11-2021/01/05 | -0.0210 | 0.598   | 2,3           |
| 102 | Meiriqiecuomari | 33.64 | 89.72 | 97.18   | 2006/11/08-2021/05/10 | 0.2160  | < 0.001 | 2,3,7,8       |
| 103 | Memar Co        | 34.22 | 82.31 | 166.67  | 2003/10/06-2021/07/12 | 0.4979  | < 0.001 | 1,2,3,7       |
| 104 | Mingjing Lake   | 35.07 | 90.57 | 124.26  | 2003/09/01-2021/06/05 | 0.4452  | < 0.001 | 1,3,4,5,7,8   |
| 105 | Mudidalay Co    | 30.58 | 88.59 | 24.01   | 2004/09/04-2021/07/25 | 0.1051  | 0.001   | 1,3,7         |
| 106 | Mugqu Co        | 31.06 | 89    | 78.04   | 2007/10/19-2021/06/07 | -0.0147 | 0.304   | 2,3,7         |
| 107 | Mushicuo Lake   | 32.73 | 86.99 | 16.23   | 2004/04/05-2021/07/05 | 0.2426  | < 0.001 | 1,2,3,7,12    |
| 108 | Naka Co         | 31.86 | 89.79 | 29.6    | 2007/10/28-2021/03/24 | 0.0576  | 0.087   | 2,3           |
| 109 | Nam Co          | 30.74 | 90.6  | 2024.21 | 2003/03/08-2021/07/22 | 0.0305  | < 0.001 | 1,2,3,7,8     |
| 110 | Nariyong Co     | 28.3  | 91.95 | 23.18   | 2013/09/26-2016/04/27 | 0.4404  | 0.115   | 7             |
| 111 | Nawu Lake       | 32.93 | 82.08 | 20.06   | 2003/03/09-2020/04/15 | -0.0448 | < 0.001 | 1,3,7         |
| 112 | Ngangla Ringco  | 31.54 | 83.08 | 492.8   | 2003/03/06-2021/06/19 | 0.0452  | < 0.001 | 1,2,3,4,5,7,8 |
| 113 | Ngangze Co      | 31.02 | 87.13 | 471.6   | 2002/07/30-2021/06/10 | 0.2209  | < 0.001 | 1,2,3,4,5,6,7 |
| 114 | Ngoring Lake    | 34.9  | 97.7  | 610     | 2002/06/10-2021/05/21 | 0.1363  | < 0.001 | 3,4,5,6,7,8   |
| 115 | Norma Co        | 32.38 | 88.04 | 90.05   | 2007/11/13-2021/07/03 | 0.2758  | < 0.001 | 1,3,4,5,6,7   |
| 116 | Orba Co         | 34.53 | 81.04 | 92.36   | 2003/04/17-2020/11/27 | 0.0093  | 0.275   | 1,3,4,5,6,8   |

|     |                 |       |       |         |                       |         |         |               |
|-----|-----------------|-------|-------|---------|-----------------------|---------|---------|---------------|
| 117 | Paiku Co        | 28.89 | 85.59 | 272.95  | 2005/11/08-2021/07/07 | -0.0967 | < 0.001 | 2,3,4,5       |
| 118 | Palung Co       | 30.89 | 83.58 | 144.65  | 2004/05/15-2021/07/10 | 0.0676  | < 0.001 | 1,3           |
| 119 | Pipa Lake       | 34.2  | 87.8  | 16.86   | 2012/05/06-2021/04/21 | 0.1973  | < 0.001 | 3             |
| 120 | Pongyin Co      | 32.9  | 88.2  | 75.59   | 2010/03/21-2021/07/25 | 0.0934  | < 0.001 | 1,3,5,6       |
| 121 | Puma Yumco      | 28.57 | 90.4  | 290.43  | 2006/03/08-2021/05/10 | -0.0568 | < 0.001 | 1,2,3,7       |
| 122 | Qiagang Co      | 33.23 | 88.39 | 47.54   | 2005/10/31-2021/06/30 | 0.1137  | < 0.001 | 2,3,5,6       |
| 123 | Qiagui Co       | 31.82 | 88.25 | 88.97   | 2004/01/22-2021/05/15 | -0.0138 | 0.023   | 1,2,3,6,7     |
| 124 | Qingche Lake    | 34.48 | 81.79 | 71.51   | 2004/01/03-2021/05/03 | 0.2690  | < 0.001 | 1,3,7         |
| 125 | Qinghai Lake    | 36.89 | 100.2 | 4348.25 | 2002/11/23-2021/07/02 | 0.1896  | < 0.001 | 1,2,3,4,5,7,8 |
| 126 | Qiongjiang Lake | 36.02 | 88.52 | 37.06   | 2007/03/18-2020/12/06 | 0.5334  | < 0.001 | 2,3,5,6       |
| 127 | Qoiden Co       | 34.37 | 87.49 | 27.52   | 2003/10/13-2020/10/08 | -0.0308 | 0.025   | 1,3,7         |
| 128 | Quemo Co        | 33.89 | 91.19 | 98.48   | 2008/03/17-2021/06/27 | 0.1993  | < 0.001 | 2,3,4,5,7     |
| 129 | Rebang Co       | 33.03 | 80.58 | 46.22   | 2003/05/21-2021/05/05 | 0.0351  | < 0.001 | 1,3,7,8       |
| 130 | Rigain Punco    | 32.58 | 86.24 | 42.79   | 2003/08/22-2021/03/29 | 0.0996  | < 0.001 | 1,3,7,8       |
| 131 | Rijiu Co        | 34.2  | 91.7  | 13.26   | 2007/10/06-2021/05/05 | 0.0173  | 0.103   | 2,3           |
| 132 | Ringco Kongma   | 30.93 | 89.67 | 138.48  | 2008/12/09-2021/07/23 | -0.0072 | < 0.001 | 2,3           |
| 133 | Rinqin Xubco    | 31.28 | 83.45 | 186.55  | 2007/10/09-2021/04/30 | 0.1924  | < 0.001 | 2,3           |

|     |                 |       |       |         |                       |         |         |               |
|-----|-----------------|-------|-------|---------|-----------------------|---------|---------|---------------|
| 134 | Rola Co         | 35.44 | 88.41 | 169.9   | 2003/05/06-2021/07/03 | 0.2018  | < 0.001 | 1,3,7         |
| 135 | Salt Water Lake | 35.28 | 83.07 | 211.98  | 2008/02/28-2021/07/10 | 0.3751  | < 0.001 | 1,2,3,8       |
| 136 | Selin Co        | 31.81 | 88.99 | 2300.37 | 2003/03/23-2021/07/25 | 0.3045  | < 0.001 | 1,2,3,4,5,7,8 |
| 137 | Serbug Co       | 32    | 88.22 | 92.9    | 2003/08/01-2021/07/25 | 0.3072  | < 0.001 | 1,2,3,7       |
| 138 | Shibu Co        | 31.39 | 88.73 | 14.1    | 2008/12/15-2020/11/23 | -0.0802 | < 0.001 | 2,3           |
| 139 | Shuanghu        | 34.47 | 83.16 | 14.47   | 2013/03/24-2021/07/13 | 0.1593  | < 0.001 | 3             |
| 140 | Shuanglian Lake | 35.5  | 88.31 | 48.58   | 2011/04/05-2021/07/03 | 0.4009  | < 0.001 | 3,4,5         |
| 141 | Sugan Lake      | 38.87 | 93.88 | 107.54  | 2003/02/16-2021/06/24 | 0.1075  | < 0.001 | 1,2,3,5,7     |
| 142 | Suona Lake      | 33.92 | 86.69 | 27.03   | 2007/10/16-2021/05/15 | 0.0087  | < 0.001 | 2,3           |
| 143 | Tangra Yumco    | 31.07 | 86.61 | 848.96  | 2003/09/08-2021/07/30 | 0.2117  | < 0.001 | 1,2,3,7,8     |
| 144 | Taro Co         | 31.14 | 84.12 | 484.65  | 2007/10/18-2021/06/17 | 0.0439  | 0.048   | 2,3,4,5,7     |
| 145 | terang Punco    | 33.06 | 89.07 | 32.52   | 2011/09/18-2021/07/02 | 0.0957  | < 0.001 | 1,3           |
| 146 | Tomgo Co        | 31.72 | 86.98 | 24.08   | 2011/07/28-2020/09/13 | 0.0008  | 0.653   | 1,3           |
| 147 | Tso moriri      | 32.9  | 78.32 | 142.54  | 2007/04/10-2021/06/04 | -0.1024 | < 0.001 | 2,3,4,5       |
| 148 | Tu Co           | 33.4  | 89.86 | 448.23  | 2006/11/08-2021/07/23 | 0.4267  | < 0.001 | 2,3,4,5,7,8   |
| 149 | Tuoheping Co    | 34.18 | 83.15 | 56.53   | 2003/04/30-2021/07/13 | -0.0565 | < 0.001 | 1,3,7,37      |
| 150 | Urru Co         | 31.72 | 88    | 356.57  | 2003/05/23-2021/07/03 | 0.0314  | < 0.001 | 1,2,3,7       |

|     |                 |       |       |        |                       |         |         |               |
|-----|-----------------|-------|-------|--------|-----------------------|---------|---------|---------------|
| 151 | Wanquan Lake    | 34.24 | 83.81 | 67.42  | 2003/07/25-2021/04/30 | -0.1393 | < 0.001 | 1,3,7,8       |
| 152 | Weishan Lake    | 35.96 | 89.24 | 46.83  | 2007/03/26-2021/07/25 | 0.2201  | < 0.001 | 2,3           |
| 153 | Wulanwula Lake  | 34.8  | 90.48 | 651    | 2018/03/29-2021/07/27 | 0.2787  | 0.019   | 3             |
| 154 | Xiaga Co        | 32.31 | 83.81 | 22.15  | 2008/02/28-2021/05/01 | 0.1346  | < 0.001 | 2,3,8         |
| 155 | Xiajian Lake    | 34.16 | 82.77 | 13.92  | 2018/09/21-2021/04/03 | 0.0784  | 0.168   | 3             |
| 156 | Xiangyang Lake  | 35.8  | 89.42 | 121.01 | 2007/10/03-2021/06/30 | 0.4468  | < 0.001 | 2,3,8         |
| 157 | Xianhe Lake     | 36    | 88.07 | 50.71  | 2014/02/19-2021/05/13 | 0.4875  | < 0.001 | 3,7           |
| 158 | Xiaokusai Lake  | 36.09 | 92.79 | 20.05  | 2013/07/12-2020/09/19 | -0.0069 | 0.002   | 3,8           |
| 159 | Xiasa'er Co     | 31.58 | 80.99 | 13.83  | 2003/06/24-2021/07/23 | 0.0100  | < 0.001 | 1,2,3,4,5,7,8 |
| 160 | Xijir Ulan Lake | 35.21 | 90.34 | 462.69 | 2014/05/13-2021/07/07 | 0.3289  | 0.003   | 3             |
| 161 | Xuelian Lake    | 34.09 | 90.26 | 54.06  | 2013/02/09-2021/07/27 | 0.1273  | < 0.001 | 3,7           |
| 162 | Xuguo Co        | 31.95 | 90.34 | 35.07  | 2013/05/10-2021/07/30 | 0.0169  | < 0.001 | 3,7,8         |
| 163 | Yaggain Co      | 31.56 | 89.01 | 112.39 | 2006/11/08-2021/07/23 | 0.9582  | < 0.001 | 2,3           |
| 164 | Yamzho Yumco    | 28.96 | 90.71 | 548.29 | 2013/05/21-2021/06/24 | -0.2006 | < 0.001 | 3,8           |
| 165 | Yanghong Lake   | 35.25 | 89.96 | 88.38  | 2007/04/08-2021/06/17 | 0.2879  | < 0.001 | 2,3,5,8       |
| 166 | Yanghu Lake     | 35.41 | 84.59 | 163.09 | 2003/10/06-2021/07/23 | 0.6811  | 0.053   | 1,3,7,8       |
| 167 | Yangnapeng Co   | 32.33 | 89.77 | 17.41  | 2003/11/13-2021/07/25 | 0.0410  | < 0.001 | 1,3,7         |

|     |                 |       |       |         |                       |         |         |                 |
|-----|-----------------|-------|-------|---------|-----------------------|---------|---------|-----------------|
| 168 | Yanjian Lake    | 34.77 | 89.03 | 18.19   | 2015/12/20-2020/01/02 | 0.5182  | 0.328   | 3               |
| 169 | Yinbo Lake      | 36.19 | 88.14 | 50.01   | 2008/02/18-2021/06/05 | 0.4428  | < 0.001 | 2,3,8           |
| 170 | Yinlong Co      | 33.91 | 88.04 | 17.5    | 2007/03/06-2021/07/25 | 0.2017  | < 0.001 | 1,3             |
| 171 | Yinma Lake      | 35.6  | 90.63 | 105.23  | 2003/05/20-2021/06/05 | -0.1593 | < 0.001 | 1,3,7,8         |
| 172 | Yishan Lake     | 35.24 | 90.91 | 27.61   | 2009/10/01-2021/07/20 | 0.2571  | < 0.001 | 2,3             |
| 173 | Yongbo Lake1    | 35.74 | 86.69 | 79.71   | 2004/03/07-2021/06/12 | 0.6614  | < 0.001 | 2,3             |
| 174 | Youyi Lake      | 34.46 | 88.74 | 10.64   | 2007/03/18-2020/05/27 | 0.0085  | 0.105   | 2,3             |
| 175 | Yuan Lake1      | 34.81 | 89.29 | 17.22   | 2004/05/09-2021/07/02 | 0.1526  | < 0.001 | 3,4,5,6         |
| 176 | Yueliang Lake1  | 35.61 | 90.36 | 32.51   | 2007/10/28-2021/06/30 | 0.2762  | < 0.001 | 2,3             |
| 177 | Yulin Lake      | 35.97 | 88.47 | 12.82   | 2008/10/10-2020/10/30 | 0.4261  | < 0.001 | 2,3             |
| 178 | Yuye Lake       | 36.01 | 88.78 | 146.91  | 2003/10/29-2021/07/23 | 0.2125  | < 0.001 | 1,2,3,4,5       |
| 179 | Zhaliwa Co      | 34.42 | 92.45 | 7.09    | 2013/01/05-2021/05/28 | 0.1126  | 0.058   | 3,7             |
| 180 | Zhamucuomaqiong | 33.15 | 89.7  | 30.7    | 2010/07/15-2021/04/18 | 0.0523  | 0.054   | 3,4,5           |
| 181 | Zhaoyang Lake   | 35.3  | 87.26 | 92.28   | 2007/10/24-2021/07/05 | 0.0408  | < 0.001 | 1,2,3           |
| 182 | Zhari Namco     | 30.93 | 85.61 | 1000.57 | 2002/08/02-2021/07/07 | 0.1671  | < 0.001 | 1,2,3,4,5,6,7,8 |
| 183 | Zhegucuo        | 28.68 | 91.68 | 55.8    | 2003/10/01-2019/11/03 | 0.2692  | < 0.001 | 1,3,7           |
| 184 | Zhenquan Lake   | 35.93 | 86.89 | 128.23  | 2004/06/06-2019/08/01 | 0.2616  | < 0.001 | 2,3,7,8         |

|     |                 |       |       |        |                       |         |         |             |
|-----|-----------------|-------|-------|--------|-----------------------|---------|---------|-------------|
| 185 | Zige Tangco     | 32.08 | 90.86 | 238.31 | 2002/08/01-2021/07/22 | 0.2200  | < 0.001 | 2,3,4,5,6,7 |
| 186 | Zigu Co         | 31.37 | 87.9  | 76.17  | 2007/04/03-2021/07/03 | 0.0164  | 0.945   | 2,3         |
| 187 | Qagong Co       | 34.44 | 82.33 | 30.73  | 2012/02/21-2021/06/20 | 0.3455  | < 0.001 | 3           |
| 188 | S63005          | 35.95 | 90.83 | 10.99  | 2013/12/05-2019/09/13 | -0.0871 | < 0.001 | 7,8         |
| 189 | Shen Co         | 31.01 | 90.49 | 51.86  | 2014/06/17-2021/04/15 | -0.1095 | < 0.001 | 3,7,8       |
| 190 | Yaggain Co1     | 33.01 | 89.8  | 158.75 | 2013/09/16-2020/11/23 | 0.1842  | < 0.001 | 3,7,8       |
| 191 | Zhangnai Co     | 31.54 | 87.4  | 43.98  | 2003/03/29-2021/03/26 | 0.1552  | < 0.001 | 1,2,3,5,6,7 |
| 192 | Zhaxi Co        | 32.2  | 85.12 | 49.56  | 2010/03/11-2021/06/15 | 0.0760  | < 0.001 | 3,5,6,7     |
| 193 | Aiyong Co       | 33.36 | 80.56 | 21.56  | 2015/02/19-2019/12/28 | 0.0862  | < 0.001 | 3,7         |
| 194 | Alake Lake      | 35.57 | 97.12 | 34.7   | 2014/04/08-2021/06/12 | -0.0268 | 0.026   | 3,7         |
| 195 | Amjog Co        | 29.63 | 86.25 | 22.01  | 2010/11/18-2021/04/23 | 0.0266  | < 0.001 | 3           |
| 196 | Angdar Co       | 32.71 | 89.58 | 66.05  | 2013/10/21-2021/06/04 | 0.1110  | < 0.001 | 3           |
| 197 | Ayonggama Co    | 34.78 | 98.29 | 14.38  | 2011/11/08-2021/06/10 | 0.0074  | 0.767   | 1,3         |
| 198 | Ayongwu'erma Co | 34.79 | 98.2  | 37.6   | 2016/07/16-2021/03/08 | 0.1736  | 0.004   | 3           |
| 199 | Baibing Lake    | 35.9  | 86.42 | 21.87  | 2014/11/03-2021/05/15 | 0.6140  | < 0.001 | 3           |
| 200 | Baidoi Co       | 32.79 | 87.83 | 79.17  | 2013/10/26-2021/07/27 | 0.2175  | < 0.001 | 3,7         |
| 201 | Bairab Co       | 35.03 | 83.13 | 135.22 | 2012/03/21-2021/07/13 | -0.0165 | 0.143   | 3,8         |

|     |                 |       |       |        |                       |         |         |     |
|-----|-----------------|-------|-------|--------|-----------------------|---------|---------|-----|
| 202 | Baitan Lake     | 34.56 | 88.58 | 20.13  | 2016/08/07-2021/05/11 | 0.0305  | 0.005   | 3   |
| 203 | Baitutang Lake  | 34.65 | 87.61 | 10.4   | 2017/06/20-2020/06/27 | 0.0890  | < 0.001 | 3   |
| 204 | Bajiu Co        | 28.79 | 90.85 | 30.2   | 2011/10/13-2018/11/30 | 0.2304  | < 0.001 | 3   |
| 205 | Bamco           | 31.27 | 90.58 | 255.29 | 2012/11/13-2021/07/22 | -0.1468 | < 0.001 | 3   |
| 206 | Bandao Lake     | 34.17 | 88.44 | 48.78  | 2014/11/23-2021/06/09 | 0.3673  | < 0.001 | 3,8 |
| 207 | Bei Hulsan Lake | 36.88 | 95.91 | 130.5  | 2012/08/06-2021/06/15 | 0.0026  | 0.161   | 3,7 |
| 208 | Beilei Co       | 32.9  | 88.44 | 29.13  | 2018/06/17-2021/05/15 | 0.1563  | < 0.001 | 3   |
| 209 | Beiyu Lake      | 33.03 | 86.18 | 15.1   | 2016/12/28-2019/08/27 | 1.0599  | < 0.001 | 8   |
| 210 | Bengze Co       | 32.08 | 88.67 | 16.46  | 2010/11/10-2021/06/05 | 0.1052  | < 0.001 | 3   |
| 211 | Bero Zeco       | 32.43 | 82.93 | 35.99  | 2013/06/17-2021/07/13 | 0.2038  | < 0.001 | 3,7 |
| 212 | Biluo Co        | 32.9  | 88.84 | 35.12  | 2015/07/08-2021/07/25 | -0.0168 | 0.600   | 3   |
| 213 | Botao Lake      | 34.01 | 89.96 | 71.36  | 2013/09/23-2021/07/23 | -0.0247 | 0.755   | 3   |
| 214 | Caiji Co        | 31.21 | 85.44 | 33.05  | 2013/06/25-2021/04/25 | 0.1456  | < 0.001 | 3,7 |
| 215 | Caka Salt Lake  | 36.7  | 99.11 | 115.77 | 2012/08/26-2021/06/09 | -0.0047 | 0.216   | 3,8 |
| 216 | Chabyer Co      | 31.38 | 84.04 | 258.5  | 2012/08/07-2021/06/17 | 0.0256  | 0.021   | 3,7 |
| 217 | Chacang Co      | 30.23 | 88.58 | 19.17  | 2014/07/08-2021/03/26 | 0.0254  | 0.005   | 3,7 |
| 218 | Chamu Co        | 33.26 | 83.01 | 12.06  | 2016/04/02-2021/07/13 | 0.1501  | < 0.001 | 3   |

|     |                    |       |       |       |                       |         |         |       |
|-----|--------------------|-------|-------|-------|-----------------------|---------|---------|-------|
| 219 | Chanacuo Lake      | 33.28 | 84.02 | 10.98 | 2016/09/16-2021/07/12 | 0.1064  | 0.534   | 3     |
| 220 | Chen Co            | 28.95 | 90.52 | 39.4  | 2018/09/08-2021/04/15 | -0.3488 | < 0.001 | 3     |
| 221 | Co Ngoin2          | 31.47 | 91.5  | 84.86 | 2014/05/01-2021/04/13 | -0.0841 | 0.005   | 3     |
| 222 | Como Chamling      | 28.4  | 88.22 | 38.57 | 2014/10/28-2020/02/05 | -0.1518 | 0.405   | 3     |
| 223 | Cuoga Lake         | 33.1  | 80.29 | 10.06 | 2019/10/31-2021/07/17 | 0.0385  | 0.296   | 3     |
| 224 | Cuojia Lake        | 31.99 | 91.37 | 20.79 | 2015/02/09-2021/05/08 | -0.0052 | 0.346   | 3     |
| 225 | Cuojiangqin        | 33.99 | 92.83 | 15.54 | 2012/11/07-2021/04/12 | -0.0027 | 0.117   | 3     |
| 226 | Cuolaba'e'eadong   | 35.43 | 95.42 | 13.88 | 2019/05/08-2021/06/20 | 0.0219  | 0.398   | 3     |
| 227 | Dachaidan Lake     | 37.84 | 95.25 | 33.14 | 2017/02/09-2021/04/28 | -0.0363 | < 0.001 | 3     |
| 228 | Dazadizha Co       | 32.87 | 87.12 | 19.87 | 2013/08/12-2020/07/25 | 0.2458  | < 0.001 | 3,7,8 |
| 229 | Derucuo Lake       | 32.69 | 88.88 | 10.61 | 2016/07/10-2021/03/26 | -0.0456 | 0.005   | 3     |
| 230 | Dingjiamang Co     | 29.65 | 85.74 | 10.01 | 2012/01/18-2021/07/07 | 0.0099  | < 0.001 | 3     |
| 231 | Dongmo Co          | 32.3  | 86.57 | 12.34 | 2013/10/04-2021/04/23 | -0.0245 | 0.035   | 3,7   |
| 232 | Dongyue Lake       | 34.38 | 89.21 | 29.37 | 2014/08/27-2021/07/02 | 0.3215  | < 0.001 | 3     |
| 233 | Duolangcuoguo Lake | 32.23 | 85.86 | 11.15 | 2013/06/09-2021/05/18 | 0.1093  | < 0.001 | 3,7   |
| 234 | Duoma Co           | 32.96 | 84.46 | 14.84 | 2015/11/07-2020/09/19 | 0.1965  | < 0.001 | 3     |
| 235 | East taijiner Lake | 37.49 | 93.92 | 101.8 | 2012/12/06-2021/06/19 | 0.0893  | 0.001   | 3     |

|     |                |       |       |        |                       |         |         |        |
|-----|----------------|-------|-------|--------|-----------------------|---------|---------|--------|
| 236 | Ezong Co       | 32.86 | 89.47 | 14.75  | 2016/08/07-2021/05/13 | 0.1058  | 0.007   | 3      |
| 237 | Fenxing Lake   | 34.39 | 88.42 | 12.41  | 2016/11/27-2021/06/09 | 0.1610  | 0.101   | 3      |
| 238 | Gahai1         | 37.13 | 97.55 | 34.87  | 2016/05/21-2020/06/06 | 0.0820  | 0.003   | 3      |
| 239 | Galala Co      | 34.49 | 97.73 | 22.43  | 2013/11/26-2021/04/26 | -0.0056 | 0.040   | 3      |
| 240 | Gangma Co      | 33.83 | 84.34 | 14.31  | 2016/08/19-2021/06/17 | 0.2253  | < 0.001 | 3      |
| 241 | Ganongcuo Lake | 31.91 | 91.53 | 17.8   | 2015/12/20-2021/06/25 | 0.0029  | 0.022   | 3,8    |
| 242 | Garen Co       | 30.77 | 84.95 | 65.48  | 2014/10/06-2021/05/20 | 0.0303  | 0.084   | 3,8    |
| 243 | Garkung Caka   | 33.97 | 86.49 | 70     | 2013/10/01-2021/06/10 | 0.3461  | < 0.001 | 3,8    |
| 244 | Gomang Co      | 31.22 | 89.2  | 115.73 | 2020/12/15-2020/12/15 | -0.1396 | < 0.001 | 3      |
| 245 | Guogen Co      | 32.4  | 89.19 | 57.9   | 2014/11/23-2021/07/23 | 0.1168  | < 0.001 | 3,8    |
| 246 | Haobo Lake     | 34.4  | 88    | 18.89  | 2017/11/07-2021/07/27 | 0.1476  | 0.015   | 3      |
| 247 | Hehua Lake     | 36.14 | 88.99 | 29.49  | 2014/05/10-2021/06/29 | 0.8498  | < 0.001 | 3,8    |
| 248 | Heihai         | 35.99 | 93.26 | 38.16  | 2011/08/04-2021/05/26 | 0.0706  | 0.405   | 1,3,13 |
| 249 | Hengliang Lake | 34.88 | 89.05 | 23.66  | 2013/09/28-2021/07/25 | 0.2989  | < 0.001 | 3,7    |
| 250 | Huangshui Lake | 34.33 | 87.7  | 31.29  | 2014/05/10-2019/12/13 | 0.2205  | < 0.001 | 3,8    |
| 251 | Huolunuo'er    | 35.56 | 91.93 | 160.15 | 2013/09/18-2021/07/17 | -0.1708 | < 0.001 | 3,8    |
| 252 | Jiaomu Caka    | 33.27 | 87.22 | 25.52  | 2017/01/02-2019/08/04 | 0.2970  | < 0.001 | 8      |

|     |                |       |       |        |                       |         |         |        |
|-----|----------------|-------|-------|--------|-----------------------|---------|---------|--------|
| 253 | Jiaruo Co      | 32.19 | 86.6  | 13.15  | 2014/05/03-2016/05/06 | 0.0651  | 0.850   | 7      |
| 254 | Kaba Niu'erduo | 35.42 | 95.11 | 29.08  | 2013/07/17-2021/06/17 | 0.0034  | 0.831   | 3      |
| 255 | Kahu Co        | 33.39 | 82.97 | 30.56  | 2016/01/06-2020/01/21 | 0.1124  | 0.002   | 3      |
| 256 | Kanbakadong Co | 35.21 | 95.13 | 20.6   | 2017/01/12-2020/03/14 | 0.0080  | 0.296   | 3      |
| 257 | Kangru Caka    | 33.56 | 86.96 | 15.49  | 2016/05/03-2020/08/19 | 0.0902  | < 0.001 | 3,8    |
| 258 | Keluke Lake    | 37.28 | 96.89 | 54.55  | 2014/01/27-2021/05/23 | -0.0011 | 0.277   | 3      |
| 259 | Kong Co        | 30.82 | 88.35 | 13.8   | 2019/05/26-2019/05/26 | 0.1380  | < 0.001 | 3      |
| 260 | Koucha         | 34.01 | 97.23 | 17.5   | 2016/11/08-2019/11/18 | -0.0120 | 0.028   | 3      |
| 261 | Kuhai          | 35.3  | 99.18 | 47.32  | 2014/12/25-2021/02/06 | 0.1000  | < 0.001 | 3      |
| 262 | Labu Co        | 32.96 | 83.8  | 15.36  | 2017/07/23-2021/04/05 | 0.1938  | 0.905   | 3      |
| 263 | Lingguo Co     | 33.85 | 88.6  | 125.8  | 2013/05/08-2021/05/15 | 0.6406  | < 0.001 | 3      |
| 264 | Ma'erxia Co    | 30.97 | 87.47 | 102.07 | 2014/02/16-2021/04/21 | 0.1358  | < 0.001 | 3,8    |
| 265 | Mang Co2       | 34.49 | 80.44 | 12.92  | 2016/09/22-2019/10/01 | 0.1572  | 0.002   | 3      |
| 266 | meijuhu        | 36.02 | 88.41 | 17.48  | 2013/07/28-2021/07/03 | 0.7254  | < 0.001 | 3,7,37 |
| 267 | Merqung Co     | 31.02 | 84.58 | 60.27  | 2017/05/26-2021/07/08 | 0.1298  | < 0.001 | 3      |
| 268 | Monco Bunnyi   | 30.64 | 86.26 | 150.78 | 2014/01/02-2021/05/18 | 0.0834  | 0.007   | 3,7    |
| 269 | Naiqam Co      | 32.32 | 88.69 | 45.99  | 2014/01/17-2021/02/03 | 0.0154  | 0.003   | 3,7    |

|     |                 |       |       |       |                       |         |         |       |
|-----|-----------------|-------|-------|-------|-----------------------|---------|---------|-------|
| 270 | Nanzha Co       | 32.66 | 85.47 | 25.1  | 2013/01/19-2020/09/16 | 0.1950  | < 0.001 | 3     |
| 271 | Neri Punco      | 31.3  | 91.47 | 92.61 | 2013/02/03-2021/04/13 | -0.1365 | < 0.001 | 3,5   |
| 272 | Ngoinyar Coqung | 32.99 | 88.7  | 96.58 | 2013/10/24-2021/05/11 | 0.1414  | < 0.001 | 3     |
| 273 | Ningri Co       | 33.32 | 85.58 | 16.42 | 2013/11/28-2020/10/10 | -0.1068 | 0.321   | 3,7   |
| 274 | Niri Acuogai    | 33.09 | 93.21 | 35.29 | 2011/11/13-2021/07/15 | 0.0546  | 0.003   | 1,3   |
| 275 | Niudu Lake      | 33.65 | 88.58 | 10.23 | 2010/12/03-2020/11/20 | 0.0498  | 0.014   | 3,5,6 |
| 276 | Noname          | 33.16 | 89.34 |       | 2017/12/01-2021/06/29 | -0.0583 | 0.325   | 3     |
| 277 | Nyer Co         | 32.28 | 82.22 | 22.13 | 2019/01/17-2021/04/05 | 0.0852  | 0.276   | 3     |
| 278 | Pa Co           | 31.91 | 90.04 | 13.43 | 2017/11/30-2020/07/19 | -0.2014 | 0.002   | 3     |
| 279 | Pozi Co         | 30.47 | 86.11 | 25.66 | 2016/06/18-2021/01/15 | 0.1312  | < 0.001 | 3     |
| 280 | Puga Co         | 31.11 | 89.55 | 43.43 | 2014/08/27-2020/08/15 | -0.1463 | 0.022   | 3,8   |
| 281 | Pur Co          | 34.88 | 81.96 | 40.64 | 2016/01/08-2020/04/14 | -0.0078 | 0.136   | 3     |
| 282 | Pusai'er Co     | 32.34 | 89.46 | 33.89 | 2013/07/20-2021/06/29 | 0.0591  | 0.103   | 3,7   |
| 283 | Puxu Co         | 31.91 | 87.21 | 16.58 | 2016/11/04-2020/04/04 | -0.0486 | 0.026   | 3     |
| 284 | Qieli Co        | 31.68 | 90.97 | 12.92 | 2010/09/10-2021/05/08 | -0.1155 | < 0.001 | 3     |
| 285 | Qige Co         | 31.2  | 85.53 | 20.29 | 2016/09/13-2021/07/07 | 0.0074  | 0.684   | 3     |
| 286 | Qingwa Lake     | 34.71 | 86.4  | 25.22 | 2017/04/26-2020/10/08 | 0.0794  | 0.016   | 3     |

|     |                |       |       |       |                       |         |         |     |
|-----|----------------|-------|-------|-------|-----------------------|---------|---------|-----|
| 287 | Qiuruba Lake   | 33.31 | 84.81 | 10.65 | 2018/04/02-2020/07/04 | 0.2911  | 0.169   | 3   |
| 288 | Quanshui Lake  | 34.76 | 80.18 | 16.74 | 2016/03/05-2021/07/20 | 0.2077  | 0.002   | 3,8 |
| 289 | Rejue Caka     | 33.69 | 86.85 | 33.12 | 2013/08/12-2021/04/20 | 0.1031  | < 0.001 | 3,7 |
| 290 | Rena Co        | 32.73 | 84.26 | 20.7  | 2016/05/18-2020/10/14 | 0.1002  | < 0.001 | 3,8 |
| 291 | Rige Co        | 34.33 | 98.75 | 16.45 | 2016/04/27-2021/04/25 | -0.0039 | < 0.001 | 3,8 |
| 292 | Riju Co        | 33.8  | 90.36 | 26.12 | 2013/02/07-2020/10/24 | 0.0472  | < 0.001 | 3   |
| 293 | Ringco Ogma    | 30.93 | 89.84 | 66.92 | 2013/06/02-2021/06/30 | -0.2125 | < 0.001 | 3,7 |
| 294 | S54001         | 36.19 | 89.16 | 13.21 | 2011/09/08-2020/08/16 | 0.2422  | < 0.001 | 1,3 |
| 295 | S63008         | 35.95 | 89.33 |       | 2016/10/29-2019/11/07 | 0.3496  | < 0.001 | 3   |
| 296 | S63022         | 35.23 | 91.21 | 13.75 | 2014/08/27-2021/03/21 | -0.0015 | < 0.001 | 3   |
| 297 | Sandao Lake    | 34.73 | 83.88 | 32.81 | 2015/06/20-2020/08/26 | 0.4259  | < 0.001 | 3,8 |
| 298 | Sekezhi Co     | 32    | 82.05 | 19.15 | 2021/04/30-2021/04/30 | 0.2214  | < 0.001 | 3   |
| 299 | Sengli Co      | 30.44 | 84.06 | 83.29 | 2016/04/17-2020/09/19 | -0.0087 | 0.497   | 3,8 |
| 300 | Shengli Lake   | 35.29 | 86.27 | 36.78 | 2015/08/12-2021/07/07 | 0.7865  | 0.003   | 3   |
| 301 | Shuangju Lake  | 34.94 | 87.3  | 10.82 | 2019/04/30-2021/03/04 | 0.1057  | 0.351   | 3   |
| 302 | Shuixiang Lake | 36.03 | 87.88 | 15.52 | 2013/08/31-2021/05/16 | 0.4641  | < 0.001 | 3   |
| 303 | Sijia Lake     | 34.04 | 82.61 | 24.62 | 2018/11/20-2021/05/23 | 0.2260  | 0.027   | 3   |

|     |                 |       |       |        |                       |         |         |               |
|-----|-----------------|-------|-------|--------|-----------------------|---------|---------|---------------|
| 304 | Songmuxi Co     | 34.61 | 80.25 | 30.8   | 2015/05/05-2020/02/24 | 0.1364  | 0.024   | 3             |
| 305 | T54001          | 34.22 | 89.75 | 19.1   | 2018/07/12-2020/07/19 | 0.1441  | 0.014   | 3             |
| 306 | T54024          | 34.92 | 81.69 | 17.99  | 2017/12/20-2021/04/30 | 0.3288  | 0.044   | 3             |
| 307 | Taiping Lake    | 34.3  | 89.71 | 28.48  | 2018/07/12-2020/09/09 | 0.1672  | < 0.001 | 3             |
| 308 | Taiyang Lake    | 35.93 | 90.63 | 101.44 | 2013/10/11-2021/04/13 | -0.0005 | 0.853   | 3,7           |
| 309 | Tao Lake        | 36.17 | 89.33 | 32.49  | 2015/10/26-2020/11/23 | 0.2384  | < 0.001 | 3             |
| 310 | Taoxing Lake    | 33.88 | 84.02 | 10.52  | 2016/06/24-2021/04/02 | 0.0428  | 0.002   | 3             |
| 311 | Tari Co         | 31.52 | 85.68 | 40.11  | 2014/04/17-2021/06/12 | -0.0147 | 0.045   | 3,8           |
| 312 | Telashi Lake    | 34.81 | 92.22 | 73.65  | 2010/06/07-2021/06/22 | 0.3263  | < 0.001 | 3,5,6,8       |
| 313 | Tungpu Co       | 31.31 | 87.23 | 32.95  | 2021/01/14-2021/01/14 | 0.2309  | < 0.001 | 3             |
| 314 | Tuosu Lake      | 37.14 | 96.94 | 150.65 | 2011/07/03-2021/06/12 | 0.7239  | < 0.001 | 1,3           |
| 315 | Tuzhong Lake    | 34.53 | 84.7  | 32.28  | 2015/03/24-2020/09/19 | 0.3202  | < 0.001 | 3             |
| 316 | Wan'an Lake     | 34.43 | 88.55 | 19.87  | 2013/08/29-2020/05/25 | 0.0894  | < 0.001 | 3,8           |
| 317 | Wandou Lake     | 34.56 | 90.85 | 22.81  | 2013/09/21-2021/04/15 | 0.1611  | < 0.001 | 3,5           |
| 318 | Wuga Co         | 32    | 86.65 | 11.56  | 2019/12/15-2021/04/23 | 0.0122  | 0.865   | 3             |
| 319 | Wujiongcuo Lake | 30.91 | 86.42 | 14.66  | 2003/09/01-2021/06/30 | 0.7219  | < 0.001 | 1,2,3,4,5,7,8 |
| 320 | Xiabie Co       | 32.22 | 87.27 | 20.71  | 2011/08/14-2021/05/21 | 0.1412  | < 0.001 | 1,3           |

|     |                |       |       |        |                       |         |         |               |
|-----|----------------|-------|-------|--------|-----------------------|---------|---------|---------------|
| 321 | Xiangtao Lake  | 34.13 | 84.97 | 11.31  | 2004/02/27-2021/07/02 | 0.4246  | < 0.001 | 1,2,3,7       |
| 322 | Xiao Caka      | 33.06 | 87.78 | 28.2   | 2013/06/14-2021/07/13 | 0.3508  | < 0.001 | 3             |
| 323 | Xiaosugan Lake | 39.07 | 94.21 | 11.87  | 2008/12/12-2019/08/31 | 0.0230  | 0.427   | 2,3,8         |
| 324 | Xiligou Lake   | 36.84 | 98.46 | 43.31  | 2016/02/25-2021/07/02 | 0.0581  | < 0.001 | 3             |
| 325 | Xingbo Lake    | 35.68 | 87.04 | 12.06  | 2013/10/31-2021/03/11 | 0.8170  | < 0.001 | 3             |
| 326 | Xinhu Lake     | 34.39 | 84.25 | 61.04  | 2018/05/30-2020/11/02 | 0.3981  | 0.071   | 3             |
| 327 | Xinxin Lake    | 34.83 | 98.11 | 26.28  | 2015/11/02-2020/01/06 | -0.0529 | < 0.001 | 3             |
| 328 | Xuejing Lake   | 35.98 | 87.38 | 86.08  | 2003/10/06-2021/06/30 | 0.4701  | < 0.001 | 1,3,4,5,8     |
| 329 | Xuemei Lake    | 36.29 | 88.27 | 56.26  | 2005/05/20-2021/07/22 | 0.6780  | 0.148   | 2,3           |
| 330 | Xuru Co        | 30.29 | 86.42 | 210.03 | 2016/05/25-2021/06/19 | 0.1013  | 0.002   | 3             |
| 331 | Yadao Lake     | 33.96 | 83.32 | 19.5   | 2006/06/10-2021/06/07 | 0.2246  | < 0.001 | 2,3,7         |
| 332 | Yaggain Co2    | 32.35 | 87.31 | 48.78  | 2018/01/02-2021/03/01 | 0.2445  | 0.006   | 3             |
| 333 | Yake Co        | 34.7  | 87.19 | 20.41  | 2003/03/28-2021/07/22 | 1.5657  | < 0.001 | 1,2,3,4,5,7,8 |
| 334 | Yan Lake       | 35.52 | 93.41 | 144.32 | 2003/11/30-2021/07/22 | 2.3845  | < 0.001 | 1,3,7         |
| 335 | Yanzi Lake     | 33.87 | 89.93 | 16.07  | 2016/06/02-2021/05/06 | 0.0199  | < 0.001 | 3             |
| 336 | Yaxi Co        | 34.25 | 92.68 | 25.17  | 2017/10/13-2020/10/10 | 0.0239  | 0.053   | 3             |
| 337 | Woniu_Lake     | 35.73 | 85.27 | 15.78  | 2013/10/04-2021/06/10 | 0.2039  | 0.108   | 3,5,7         |

|     |                    |       |       |        |                       |         |         |       |
|-----|--------------------|-------|-------|--------|-----------------------|---------|---------|-------|
| 338 | Yazi Lake          | 35.07 | 87.07 | 44.24  | 2014/05/15-2021/07/30 | 0.5351  | < 0.001 | 3     |
| 339 | Yelusu Lake        | 35.22 | 92.14 | 202.47 | 2011/11/08-2021/07/20 | 0.0342  | < 0.001 | 3,7,8 |
| 340 | Yibug Caka         | 32.94 | 86.71 | 178.36 | 2013/11/23-2021/05/15 | 0.1059  | < 0.001 | 3,5   |
| 341 | Yingtian Lake      | 34.43 | 88.06 | 16.93  | 2012/01/14-2021/03/28 | 0.1110  | < 0.001 | 3     |
| 342 | Yongbo Lake2       | 34.96 | 89.24 | 43.59  | 2010/04/25-2020/12/06 | 0.1208  | < 0.001 | 3,5,6 |
| 343 | Yoqag Co           | 30.47 | 88.61 | 68.19  | 2016/07/10-2021/03/26 | 0.0016  | 0.635   | 3     |
| 344 | Youbu Co           | 30.8  | 84.8  | 64.15  | 2013/09/21-2020/03/13 | 0.2190  | < 0.001 | 3,7   |
| 345 | Yuan Lake2         | 33.95 | 85.34 | 14.04  | 2018/04/28-2021/06/15 | 0.1111  | 0.384   | 3     |
| 346 | Yueliang Lake2     | 35.62 | 86.27 | 12.54  | 2013/05/13-2021/06/10 | -0.0433 | 0.567   | 3     |
| 347 | Yueya Lake         | 34.92 | 82.22 | 14.21  | 2019/12/21-2021/07/15 | -0.0219 | < 0.001 | 3     |
| 348 | Yuhuan Lake        | 34.8  | 83.92 | 17.28  | 2017/09/18-2021/04/02 | 0.3645  | 0.132   | 3,8   |
| 349 | Yupan Lake         | 34.9  | 88.39 | 21.11  | 2015/12/28-2020/10/04 | 0.2744  | < 0.001 | 3     |
| 350 | Zainzong Co        | 32.24 | 89.61 | 12.56  | 2016/02/16-2021/04/18 | -0.0586 | 0.068   | 3     |
| 351 | Zhangtoujiangmu Co | 35.33 | 95.61 | 17.84  | 2016/01/05-2021/05/26 | 0.0041  | 0.034   | 3     |
| 352 | Burog Co           | 34.4  | 85.77 | 92.95  | 2016/03/07-2021/04/23 | 0.4081  | < 0.001 | 3,8   |
| 353 | Dongka Co          | 31.78 | 90.4  | 72.5   | 2019/06/17-2021/07/22 | -0.2658 | 0.503   | 3     |
| 354 | Kongkong Caka      | 33.16 | 88.11 | 49.52  | 2013/04/08-2021/07/25 | 0.0535  | < 0.001 | 3,8   |

|     |                    |       |       |        |                       |         |         |         |
|-----|--------------------|-------|-------|--------|-----------------------|---------|---------|---------|
| 355 | West taijiner Lake | 37.71 | 93.38 | 99     | 2014/02/01-2020/08/29 | -0.0112 | < 0.001 | 3       |
| 356 | Xiaochaidan Lake   | 37.5  | 95.51 | 88.13  | 2009/06/24-2019/08/06 | 0.2674  | 0.001   | 3,4,5   |
| 357 | Laorie Co          | 33.73 | 90.01 | 56.6   | 2007/04/21-2021/07/23 | -0.0284 | < 0.001 | 3,4,5,6 |
| 358 | Pung Co            | 31.5  | 90.97 | 176.46 | 2003/07/25-2021/06/27 | 0.1797  | < 0.001 | 1,3,7   |
| 359 | Ciyijiare Lake     | 32.61 | 87.21 | 10.05  | 2019/02/03-2021/07/27 | -0.1646 | 0.005   | 3,8     |
| 360 | Ma'an Lake         | 35.23 | 89.51 | 18.55  | 2011/03/13-2021/06/07 | 0.0067  | 0.921   | 3,5,6   |
| 361 | Xuehuan Lake       | 35.01 | 88.05 | 40.98  | 2012/02/09-2021/07/05 | 0.2427  | < 0.001 | 3       |

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\*altimeter type: 1 - Envisat, 2 - ICESat-1, 3 - CryoSat-2, 4 - Jason-1, 5 - Jason-2, 6 - Jason-3, 7 - SARAL, 8 - Sentinel-3A