**Table S3. LULC area in the Aral Sea Basin from 1995 to 2020.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Lulc** | **Cropland** | **Forestland** | **Grassland** | **Wetland** | **Urban** | **Bare land** | **Water bodies** | **Total** |
| Area（\*104ha） | 1995 | 2968.61  | 182.30  | 5644.28  | 7.56  | 12.07  | 7676.81  | 640.56  | 17132.19  |
| 1996 | 2970.86  | 181.15  | 5642.58  | 7.57  | 12.44  | 7719.85  | 597.74  | 17132.19  |
| 1997 | 2973.86  | 180.61  | 5643.36  | 7.57  | 12.77  | 7723.92  | 590.10  | 17132.19  |
| 1998 | 2981.10  | 180.27  | 5642.33  | 7.57  | 13.07  | 7724.52  | 583.34  | 17132.19  |
| 1999 | 2995.21  | 181.46  | 5640.77  | 7.59  | 13.33  | 7720.92  | 572.92  | 17132.19  |
| 2000 | 2996.22  | 180.31  | 5650.10  | 7.59  | 13.62  | 7714.14  | 570.21  | 17132.19  |
| 2001 | 2987.57  | 179.96  | 5656.12  | 7.59  | 17.68  | 7720.89  | 562.37  | 17132.19  |
| 2002 | 2994.92  | 180.79  | 5654.83  | 7.59  | 22.11  | 7718.33  | 553.63  | 17132.19  |
| 2003 | 2993.11  | 180.81  | 5663.81  | 7.59  | 26.18  | 7780.79  | 479.90  | 17132.19  |
| 2004 | 2995.82  | 180.43  | 5685.08  | 7.59  | 30.29  | 7756.65  | 476.34  | 17132.19  |
| 2005 | 2991.08  | 179.57  | 5690.24  | 7.59  | 33.36  | 7758.07  | 472.29  | 17132.19  |
| 2006 | 2989.66  | 178.34  | 5692.78  | 7.59  | 35.92  | 7761.38  | 466.51  | 17132.19  |
| 2007 | 2992.16  | 175.85  | 5694.69  | 7.59  | 38.86  | 7781.38  | 441.66  | 17132.19  |
| 2008 | 2991.36  | 173.86  | 5697.92  | 7.59  | 41.12  | 7785.33  | 435.01  | 17132.19  |
| 2009 | 2991.57  | 173.54  | 5700.99  | 7.59  | 43.13  | 7834.45  | 380.92  | 17132.19  |
| 2010 | 2992.81  | 172.34  | 5702.90  | 7.58  | 44.90  | 7804.04  | 407.63  | 17132.19  |
| 2011 | 2992.35  | 171.95  | 5703.35  | 7.58  | 46.74  | 7814.57  | 395.65  | 17132.19  |
| 2012 | 2994.00  | 170.81  | 5706.23  | 7.58  | 49.06  | 7820.93  | 383.59  | 17132.19  |
| 2013 | 2990.59  | 170.43  | 5707.80  | 7.57  | 52.72  | 7819.98  | 383.10  | 17132.19  |
| 2014 | 2991.47  | 169.94  | 5706.85  | 7.56  | 57.29  | 7816.38  | 382.71  | 17132.19  |
| 2015 | 2989.51  | 169.94  | 5706.75  | 7.56  | 59.52  | 7817.68  | 381.25  | 17132.19  |
| 2016 | 2981.86  | 173.57  | 5704.59  | 7.54  | 59.52  | 7814.41  | 390.70  | 17132.19  |
| 2017 | 2977.63  | 174.99  | 5701.87  | 7.54  | 64.97  | 7814.57  | 390.62  | 17132.19  |
| 2018 | 2977.48  | 177.94  | 5711.02  | 7.54  | 67.29  | 7805.22  | 385.71  | 17132.19  |
| 2019 | 2980.69  | 181.98  | 5716.91  | 7.54  | 72.68  | 7745.30  | 427.09  | 17132.19  |
| 2020 | 2982.45  | 182.49  | 5722.59  | 7.54  | 72.69  | 7758.73  | 405.70  | 17132.19  |