|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dam | n\_yrs | unbounded season | bounded season | env  color | const  C | conting  M | predict  P |
| pre | 53 | 0.2821 | 0.2201 | 1.3151 | 0.4357 | 0.1621 | 0.5978 |
| post | 83 | 0.0927 | 0.0848 | 1.5283 | 0.4997 | 0.1133 | 0.6130 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dam | n\_yrs | unbounded\_seasonality | bounded\_seasonality | env\_col | colwell\_c | colwell\_m | colwell\_p |
| pre | 27 | 0.09794803701003743 | 0.08921008436498712 | 0.9303589132670202 | 0.62664067343729 | 0.13338505683948468 | 0.7600257302767747 |
| post | 70 | 0.06591379040295095 | 0.06183782496897177 | 2.197520248915655 | 0.836012700683266 | 0.03558648309499144 | 0.8715991837782575 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| station\_nm | site | dec\_lat\_va | dec\_long\_va | alt\_va | drain\_area\_va |
| SACRAMENTO R A DELTA CA | shasta | 40.93959397 | -122.4172351 | 1077.96 | 425 |
| MCCLOUD R AB SHASTA LK CA | mccld | 40.9582079 | -122.2197275 | 1100 | 604 |
| CLEAR C NR IGO CA | clear | 40.51320587 | -122.5241795 | 675.79 | 228 |
| NF BATTLE C BL N BATTLE C DAM NR MANZANITA LAKE CA | manzanita | 40.6026578 | -121.6558194 | 5538.05792 | 6.4 |
| NF BATTLE C BL DIV TO AL SMITH CN NR MANTON CA | smith | 40.51265708 | -121.7899893 | 3800 | 72.6 |
| NF BATTLE C BL DIV TO XCOUNTRY CN NR MANTON CA | xcountry | 40.4543234 | -121.8608237 | 2211.28616 | 133 |
| SF BATTLE C BL DIV TO INSKIP CN NR MANTON CA | inskip | 40.39515696 | -121.883601 | 1433.72708 | 88.3 |
| NF BATTLE C BL DIV TO WILDCAT CN NR MANTON CA | wildcat | 40.42043388 | -121.9611038 | 1138.45148 | 188 |
| BATTLE C BL COLEMAN FISH HATCHERY NR COTTONWOOD CA | colem | 40.39820996 | -122.1463869 | 410.52 | 357 |
| SACRAMENTO R AB BEND BRIDGE NR RED BLUFF CA | rbdd | 40.2884596 | -122.1866312 | 288.18 | 8900 |
| MILL C NR LOS MOLINOS CA | mill | 40.0546022 | -122.0241541 | 384.25 | 131 |
| DEER C NR VINA CA | deer | 40.0140214 | -121.9482872 | 482.02 | 208 |
| SACRAMENTO R A COLUSA CA | colusa | 39.21403369 | -122.0002208 | 39.37008 | 12090 |
| BUTTE C NR CHICO CA | butte | 39.72599524 | -121.7088643 | 321.34 | 147 |
| SF FEATHER R BL LITTLE GRASS VALLEY DAM CA | grass | 39.72378055 | -121.0221775 | 4852.36236 | 25.9 |
| SF FEATHER R BL DIV DAM NR STRAWBERRY VALLEY CA | strawb | 39.6473898 | -121.1188467 | 3500.65628 | 37.7 |
| SF FEATHER R BL FORBESTOWN DAM CA | forbes | 39.5512773 | -121.2094046 | 1797.90032 | 87.5 |
| FEATHER R A OROVILLE CA | orov | 39.52155294 | -121.5477477 | 160.76116 | 3624 |
| YUBA R NR MARYSVILLE CA | marysv | 39.1757251 | -121.5249647 | 0.76 | 1339 |
| SACRAMENTO R A VERONA CA | verona | 38.77432258 | -121.5982593 | -0.9 | 21251 |
| SACRAMENTO R A FREEPORT CA | freep | 38.45566389 | -121.5016167 | 13.12336 | NA |
| PUTAH C NR WINTERS CA | putah\_n | 38.5151562 | -122.0818793 | 164.12 | 574 |
| PUTAH SOUTH CN NR WINTERS CA | putah\_s | 38.4926849 | -122.0030248 | 141.07612 | NA |
| TUOLUMNE R A GRAND CYN OF TUOLUMNE AB HETCH HETCHY | grand\_cyn | 37.91657698 | -119.6598627 | 3813.65 | 301 |
| TUOLUMNE R NR HETCH HETCHY CA | hetchy | 37.93740877 | -119.7982 | 3452.21 | 457 |
| TUOLUMNE R AB EARLY INTAKE NR MATHER CA | mather | 37.87935307 | -119.947092 | 2405.47 | 484 |
| MERCED R A HAPPY ISLES BRIDGE NR YOSEMITE CA | happy\_isles | 37.73130354 | -119.5590243 | 4020.46 | 181 |
| MERCED R A POHONO BRIDGE NR YOSEMITE CA | pahono | 37.71627778 | -119.6656667 | 3864.88 | 321 |
| MERCED R BL MERCED FALLS DAM NR SNELL CA | merced | 37.5216029 | -120.3324114 | 324.80316 | 1061 |