

# Dataset Tables

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```
bestsites.table <- read.csv("../Data/Processed/bestsites.table.csv")
bestsites.table <- bestsites.table %>% dplyr::select(-X)
kable(bestsites.table, format = "latex", booktabs = T,
      col.names = c("No.", "Site Number", "Site Name", "HUC 4 Region", "State", "County Name", "County Population"),
      align = c("r", "c", "c", "c", "c", "c", "c"),
      caption = "\\label{tab:bestsitestable} A list of the 22 chosen sites in the lower Missouri River Basin") %>%
kable_styling(latex_options = c("striped", "scale_down", "hold_position"))
```

Table 1: A list of the 22 chosen sites in the lower Missouri River Basin

No.	Site Number	Site Name	HUC 4 Region	State	County Name	County Population
1	6768000	Platte River Near Overton, NE	1020	NE	Dawson County	24326
2	6805500	Platte River At Louisville, NE	1020	NE	Sarpy County	158840
3	6775900	Dismal River Near Thedford, NE	1021	NE	Thomas County	647
4	6794000	Beaver Creek At Genoa, NE	1021	NE	Nance County	3735
5	6800000	Maple Creek Near Nickerson, NE	1022	NE	Dodge County	36691
6	6800500	Elkhorn River At Waterloo, NE	1022	NE	Douglas County	517110
7	6610000	Missouri River At Omaha, NE	1023	NE	Douglas County	517110
8	6609500	Boyer River At Logan, IA	1023	IA	Harrison County	14928
9	6810000	Nishnabotna River Above Hamburg, IA	1024	MO	Atchison County	5685
10	6818000	Missouri River At St. Joseph, MO	1024	MO	Buchanan County	89201
11	6844500	Republican River Near Orleans, NE	1025	NE	Harlan County	3423
12	6856600	Republican R At Clay Center, KS	1025	KS	Clay County	8535
13	6877600	Smoky Hill R At Enterprise, KS	1026	KS	Dickinson County	19754
14	6874000	Sf Solomon R At Osborne, KS	1026	KS	Osborne County	3858
15	6887500	Kansas R At Wamego, KS	1027	KS	Pottawatomie County	21604
16	6892350	Kansas R At Desoto, KS	1027	KS	Johnson County	544179
17	6902000	Grand River Near Sumner, MO	1028	MO	Livingston County	15195
18	6905500	Chariton River Near Prairie Hill, MO	1028	MO	Chariton County	7831
19	6921070	Pomme De Terre River Near Polk, MO	1029	MO	Polk County	31137
20	6926510	Osage River Below St. Thomas, MO	1029	MO	Cole County	75990
21	6894000	Little Blue River Near Lake City, MO	1030	MO	Jackson County	674158
22	6934500	Missouri River At Hermann, MO	1030	MO	Gasconade County	15222

```
range.table <- read.csv("../Data/Processed/range.table.csv")
range.table <- range.table %>% dplyr::select(-X)
kable(range.table, format = "latex", booktabs = T,
      col.names = c("Parameter", "Unit", "First Date", "Last Date", "Minimum Value", "Maximum Value", "Total Count", "Type of Data"),
      align = c("r", "c", "c", "c", "c", "c", "c", "c"),
      caption = "\\label{tab:rangetable} Range and Count of Relevant Data") %>%
kable_styling(latex_options = c("striped", "scale_down", "hold_position"))
```

Table 2: Range and Count of Relevant Data

Parameter	Unit	First Date	Last Date	Minimum Value	Maximum Value	Total Count	Type of Data
Discharge	cfs	1899-10-01	2019-11-06	0.00	739000.0	645422	daily and high frequency
Nitrogen	mg/L	1967-06-13	2019-10-16	0.02	100.0	6207	daily and high frequency
Phosphorus	mg/L	1969-07-23	2019-10-16	0.00	28.5	7021	daily