Table 1: Descriptive statistics for principal water quality constituents collected in 16 southwest Florida tidal creeks sampled between November 2013 and December 2017. Values shown are averages with minimum and maximum in parentheses. Portion describes the tidal (T) or freshwater (F) sections of each creek.

| Creek | Portion | Count | TN (mg/L) | TP (mg/L | Chl-a (ug/L) | Salinity (psu) | DO (mg/L) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Bear | T | 18 | 0.9 (0.6, 1.3) | 0.1 (0.1, 0.2) | 14 (1.7, 34) | 20.6 (3.9, 30.3) | 2.2 (0.8, 4.8) |
|  | F | 6 | 0.8 (0.4, 1.3) | 0.1 (0, 0.2) | 6.3 (0.6, 16.5) | 0.3 (0.2, 0.3) | 7.9 (4.6, 10.2) |
| Bishop | T | 18 | 0.8 (0.5, 1.1) | 0.2 (0.1, 0.3) | 4.9 (0.6, 12.7) | 8.5 (0.2, 22.2) | 5.9 (1.4, 12.5) |
|  | F | 6 | 0.7 (0.6, 0.9) | 0.2 (0.1, 0.3) | 3.2 (0.9, 8.8) | 0.3 (0.2, 0.5) | 6.1 (4.7, 8.2) |
| Buck | T | 18 | 1 (0.8, 1.8) | 0.1 (0.1, 0.2) | 16.9 (8.2, 32.1) | 16.1 (2, 31.6) | 4.2 (0.5, 10.4) |
|  | F | 6 | 1.3 (1.1, 1.5) | 0.1 (0.1, 0.1) | 7.7 (3, 15.1) | 1.1 (0.2, 3.9) | 5.6 (4.3, 7.4) |
| Doublebranch | T | 18 | 1.1 (0.8, 1.4) | 0.1 (0.1, 0.2) | 8.6 (2.4, 28.7) | 4.3 (0.2, 20.5) | 6 (4, 9.7) |
|  | F | 6 | 1 (0.7, 1.6) | 0.1 (0.1, 0.2) | 5 (1.4, 13.7) | 0.1 (0.1, 0.2) | 7 (6, 9.4) |
| East Spring | T | 54 | 0.8 (0.5, 1.2) | 0.2 (0.1, 0.4) | 19.6 (2.8, 88.3) | 18.2 (3.2, 32.1) | 5.3 (2.4, 8.9) |
|  | F | 18 | 0.8 (0.5, 1.2) | 0.2 (0, 0.4) | 30.4 (0.7, 110.4) | 5.8 (0.3, 26.6) | 3.7 (1.9, 7.6) |
| Estero | T | 54 | 0.9 (0.6, 1.6) | 0.1 (0, 0.2) | 18.5 (1, 228.5) | 10.3 (0.2, 25.4) | 3.6 (1, 10.7) |
|  | F | 18 | 0.9 (0.6, 1.3) | 0.1 (0, 0.1) | 12.2 (1.9, 53) | 0.3 (0, 0.3) | 4.7 (1.8, 8) |
| Forked | T | 18 | 0.8 (0.7, 1) | 0.3 (0.2, 0.4) | 14.4 (6, 22.6) | 25.9 (15.6, 30.3) | 5.7 (2.4, 11) |
|  | F | 6 | 1 (0.8, 1.3) | 0.4 (0.3, 0.4) | 27 (10.6, 52) | 16 (0.2, 21.7) | 6.2 (4.9, 7.3) |
| Frog | T | 54 | 1.2 (0.6, 1.8) | 0.6 (0.3, 3.2) | 17.6 (3.2, 98.4) | 10.4 (0.2, 32.5) | 4.6 (2, 7.5) |
|  | F | 18 | 1.3 (0.7, 1.9) | 0.5 (0.2, 0.8) | 11.3 (1.8, 73.6) | 2.2 (0.2, 16.5) | 5 (1.1, 8.4) |
| Mullet | T | 54 | 0.8 (0.5, 1.6) | 0.2 (0.1, 0.4) | 8.9 (2.8, 35.7) | 12.4 (0.2, 29.1) | 3.3 (0.2, 7.6) |
|  | F | 18 | 0.9 (0.5, 1.2) | 0.2 (0.1, 0.4) | 11.2 (0.9, 84.2) | 0.5 (0.1, 4.4) | 3.8 (2, 6.2) |
| Phillippi | T | 18 | 1 (0.6, 1.2) | 0.3 (0.2, 0.4) | 12.1 (4.5, 22.6) | 13.8 (0.3, 24.8) | 4.7 (2.5, 8.3) |
|  | F | 6 | 1.1 (1, 1.2) | 0.4 (0.3, 0.4) | 41.8 (4.6, 108.6) | 1.3 (0.3, 4) | 3.5 (1.7, 4.5) |
| Powell | T | 18 | 1 (0.7, 1.3) | 0.2 (0.1, 0.3) | 12.2 (1.6, 45.2) | 2.9 (0.2, 7) | 3.1 (1.8, 7.8) |
|  | F | 6 | 0.7 (0.5, 1.1) | 0.2 (0.1, 0.3) | 5 (1.5, 18.5) | 0.3 (0.2, 0.4) | 3.4 (2.3, 4.5) |
| South | T | 54 | 0.9 (0.4, 1.5) | 0.2 (0.1, 0.4) | 13.9 (0.8, 66) | 21.3 (0.3, 32.8) | 3.6 (0.7, 7.2) |
|  | F | 18 | 1.2 (0.6, 1.7) | 0.1 (0.1, 0.4) | 13.6 (1.5, 64.6) | 1.5 (0, 20.4) | 5.4 (1.6, 9.6) |
| Spring | T | 18 | 1.1 (0.8, 2) | 0.1 (0, 0.2) | 30.7 (3, 140.4) | 10.1 (0.4, 20) | 2.7 (1.2, 4.2) |
|  | F | 6 | 0.8 (0.7, 0.9) | 0.1 (0, 0.1) | 5.4 (1.8, 11.3) | 1.4 (0.2, 6.5) | 6 (3.6, 7.1) |
| Sugarhouse | T | 18 | 1.3 (0.8, 2.3) | 0.4 (0.2, 0.8) | 30.1 (2, 153.6) | 11.1 (0.2, 23) | 4.7 (2.7, 6.3) |
|  | F | 6 | 0.9 (0.6, 1.2) | 0.3 (0.2, 0.3) | 6.5 (1.6, 22.2) | 1.4 (0.4, 4.4) | 3.6 (2.2, 4.4) |
| Sweetwater | T | 54 | 0.8 (0.6, 1.3) | 0.2 (0.1, 0.3) | 13.1 (1.6, 88.8) | 10.7 (0.1, 25.4) | 3.7 (1.5, 8.2) |
|  | F | 18 | 0.8 (0.4, 1.1) | 0.1 (0, 0.3) | 6.2 (1.3, 29.5) | 0.2 (0, 0.4) | 6.7 (1.7, 11.6) |
| Wildcat | T | 18 | 1.1 (0.8, 1.4) | 0.3 (0.2, 0.5) | 22.7 (4.1, 75.3) | 6.8 (0.5, 13.9) | 5.7 (3.4, 7.4) |
|  | F | 6 | 1.2 (0.9, 1.4) | 0.6 (0.3, 1.2) | 13.5 (0.3, 40.7) | 1.9 (0, 4.5) | 4.4 (1.5, 8.3) |