

| Source of flooding | Location | #Depth in feet above ground. *Elevation in feet (NGVD) •Elevation in feet (NAVD) | | Communities affected |
|--------------------------------------|---|--|----------|--|
| | | Existing | Modified | |
| Reedy Creek | Approximately 0.4 mile downstream of Reedy Creek Road. | •602 | •608 | City of Charlotte, Mecklenburg County (Unincorporated Areas) |
| Tributary 1 | Approximately 0.75 mile upstream of Plaza Road Extension. | •663 | •664 | Mecklenburg County (Unincorporated Areas) |
| | At the County boundary | •624 | •625 | |
| Tributary 2 | Approximately 1,680 feet upstream of County boundary. | None | •634 | Mecklenburg County (Unincorporated Areas) |
| | At the confluence with Reedy Creek | •624 | •626 | |
| Tributary 3 | Approximately 1.2 miles upstream of Robinson Church Road. | None | •664 | City of Charlotte, Mecklenburg County (Unincorporated Areas) |
| | At the confluence with Reedy Creek | •640 | •639 | |
| Rocky Branch | Approximately 100 feet upstream of Chapparall Lane. | None | •710 | City of Charlotte |
| | At the confluence with Fourmile Creek | •559 | •558 | |
| Rocky River | Approximately 700 feet upstream of Providence Road. | None | •627 | Town of Davidson, Mecklenburg County (Unincorporated Areas) |
| | Approximately 250 feet upstream of the confluence of West Branch Rocky River. | •648 | •647 | |
| Tributary | Approximately 2.3 miles upstream of East Rocky River Road. | •682 | •687 | Mecklenburg County (Unincorporated Areas) |
| | Approximately 560 feet downstream of Interstate 85. | •605 | •604 | |
| Sardis Branch | Approximately .5 mile upstream of Interstate 85 .. | None | •622 | City of Charlotte, Mecklenburg County (Unincorporated Areas) |
| | At the confluence with McAlpine Creek | •572 | •573 | |
| Sherman Branch | Approximately 810 feet upstream of Sardis Road | None | •636 | Mecklenburg County (Unincorporated Areas) |
| | At the confluence with Clear Creek | •573 | •571 | |
| Sixmile Creek | Approximately 0.5 mile upstream of Cabarrus Road. | •607 | •614 | City of Charlotte, Mecklenburg County (Unincorporated Areas) |
| | At the Lancaster County/South Carolina boundary. | •569 | •575 | |
| South Prong Clarke Creek | Approximately 0.6 mile upstream of Tiley Morris Road. | •667 | •664 | Mecklenburg County (Unincorporated Areas) |
| | At the confluence with Clarke Creek | •636 | •637 | |
| South Prong West Branch Rocky River. | Approximately 1.4 miles upstream of Asbury Chapel Road. | •674 | •676 | Town of Davidson, Mecklenburg County (Unincorporated Areas) |
| | At the confluence with West Branch Rocky River | •654 | •656 | |
| Tributary | Approximately 1.7 miles upstream of Davidson-Concorde Road. | None | •706 | Mecklenburg County (Unincorporated Areas) |
| | At the confluence with South Prong West Branch Rocky River. | •676 | •680 | |
| Steele Creek | Approximately 0.9 mile upstream of the confluence with South Prong West Branch Rocky River. | None | •702 | City of Charlotte, Mecklenburg County (Unincorporated Areas) |
| | At the State boundary | •571 | •569 | |
| Stevens Creek | Approximately 100 feet upstream of Brown-Grier Road. | None | •628 | Town of Mint Hill, Mecklenburg County (Unincorporated Areas) |
| | At the Union County boundary | None | •627 | |
| Tributary | Approximately 0.5 mile upstream of Thompson Road. | None | •682 | Town of Mint Hill |
| | At the confluence with Stevens Creek | •642 | •643 | |
| | Approximately 0.5 mile upstream of Thompson Road. | None | •662 | |