

Chehalis Basin Gage Height Conversion Project



Stream Gaging Station	Add number below to old gage height for equivalent new gage height
(1) Chehalis River below Thrash Creek near Pe Ell, WA	682.82
(2) South Fork Chehalis River near Wildwood, WA	1.27
(3) Chehalis River near Doty, WA	304.90
(4) Elk Creek below Deer Creek near Doty, WA	-5.58
(5) South Fork Chehalis River @ Hwy 6	0.00
(6) Chehalis River near Adna, WA	3.40
(7) Bunker Creek @ Ceres Hill Rd	0.00
(8) Stearns Creek @ Twin Oaks Rd	0.00
(9) Newaukum River near Chehalis, WA	191.94
(10) Dillenbaugh Creek at Riverside Dr	0.00
(11) Chehalis River at WWTP at Chehalis, WA	3.75
(12) Salzer Creek @ Airport Rd	0.00
(13) Chehalis River at Centralia, WA	103.32
(14) Skookumchuck River at Centralia, WA	103.76
(15) South Fork Newaukum River near Onalaska, WA	3.51
(16) North Fork Newaukum River above Bear Creek near Forest, WA	3.39
(17) Skookumchuck River near Vail, WA	719.53
(18) Skookumchuck River below Bloody Run Creek near Centralia, WA	320.87
(19) Skookumchuck River near Bucoda, WA	198.15
(20) Chehalis River near Grand Mound, WA	127.03
(21) Chehalis River near Rochester, WA	0.00
(22) Black River @ Hwy 12	0.00
(23) Chehalis River at Porter, WA	27.11
(24) Satsop River near Satsop, WA	3.89
(25) Chehalis River near Montesano, WA	0.00
(26) West Fork Satsop River at Cougar Smith Road near Satsop 13NNW	197.66
(27) Wynoochee River above Black Creek near Montesano, WA	24.48

See page 2 for gage height conversion examples.

Conversion Example #1
Old Gage Height Readings Showing Equivalent New Gage Heights (rounded to nearest half foot)

Stream Gaging Station	Old Gage Height (ft)	Add Conversion (ft)	New Gage Height (ft)
(9) Newaukum River near Chehalis, WA	10.5	191.94	202.5
(19) Skookumchuck River near Bucoda, WA	13.5	198.15	211.5
(23) Chehalis River at Porter, WA	21.0	27.11	48.0

Conversion Example #2
National Weather Service Revised Flood Stage Designations (rounded to nearest half foot)

Stream Gaging Station	Old NWS Flood Stage (ft)	New NWS Flood Stage (ft)
(3) Chehalis River near Doty, WA	13.0	318.0
(9) Newaukum River near Chehalis, WA	10.5	202.5
(13) Chehalis River at Centralia, WA	65.0	168.5
(14) Skookumchuck River at Centralia, WA	85.0	189.0
(19) Skookumchuck River near Bucoda, WA	13.5	211.5
(20) Chehalis River near Grand Mound, WA	14.0	141.0
(23) Chehalis River at Porter, WA	21.0	48.0
(24) Satsop River near Satsop, WA	34.0	38.0
(27) Wynoochee River above Black Creek near Montesano, WA	18.0	42.5

More Information:

Please contact Scott Boettcher (Staff, Chehalis River Basin Flood Authority; 360/480-6600; scottb@sbgh-partners.com) or go to https://www.ezview.wa.gov/site/alias_1492/37257/Chehalis-Basin-Gage-Height-Conversion-Project.aspx.

