

Ohio River monthly average flows at Cincinnati, OH

River flow data from <ftp://www.lrd-wc.usace.army.mil/Monthly_hm/>

Assume: 1 ft³/sec = 0.0283m³/sec; 1 m³ = 1*10⁶ cm³; 1 cm³ = 1 mL

Mo-Yr	Measured flow, ft ³ /sec	Long-term of normal, %	Estimated normal flow, ft ³ /sec	Estimated normal flow, m ³ /sec	Estimated normal flow, m ³ /mo	Estimated normal flow, L/mo	C8 discharge to Ohio River in 1996, lbs
Jun-98	131,400	175	75086	2.12E+03	5.51E+09	5.51E+12	
Jul-98	94,452	211	44764	1.27E+03	3.39E+09	3.39E+12	
Aug-98	28,387	80	35484	1.00E+03	2.69E+09	2.69E+12	
Sep-98	21,200	74	28649	8.11E+02	2.10E+09	2.10E+12	
Oct-98	21,065	77	27357	7.74E+02	2.07E+09	2.07E+12	
Nov-98	21,400	40	53500	1.51E+03	3.92E+09	3.92E+12	
Dec-98	34,548	35	98709	2.79E+03	7.48E+09	7.48E+12	
Jan-99	178,190	131	136023	3.85E+03	1.03E+10	1.03E+13	
Feb-99	134,860	81	166494	4.71E+03	1.14E+10	1.14E+13	
Mar-99	180,260	85	212071	6.00E+03	1.61E+10	1.61E+13	
Apr-99	118000	66	178788	5.06E+03	1.31E+10	1.31E+13	
May-99	60226	49	122910	3.48E+03	9.32E+09	9.32E+12	
Total	1.02E+06		1.18E+06	3.34E+04	8.74E+10	8.74E+13	40600

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C8 discharge to Ohio River in 1996, kg	Estimated C8 concentration in Ohio River, kg/L	Estimated C8 concentration in Ohio River, mg/L	Estimated C8 concentration in Ohio River, ug/L
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18416	2.11E-10	2.11E-04	0.211
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