

Daily Average Flow and Spill (in Kcfs)

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Upper Columbia Projects

Date	Grand Coulee		Chief Joseph		Wells		Rocky Reach		Rock Island		Wanapum		Priest Rapids	
	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
04/05/2019	56.5	0.0	56.2	0.0	56.8	0.0	55.0	5.2	58.2	2.2	65.2	7.8	68.2	0.0
04/06/2019	50.5	0.0	56.1	0.0	58.0	0.0	52.5	0.0	57.3	0.1	76.8	3.3	67.6	0.0
04/07/2019	47.4	0.0	45.8	0.0	53.8	0.0	52.9	4.1	55.9	0.3	63.0	20.2	67.3	0.0
04/08/2019	62.6	0.0	61.1	0.0	70.2	0.0	71.5	1.0	74.0	0.0	67.2	3.7	67.5	0.0
04/09/2019	57.0	0.0	56.0	0.0	60.4	6.4	58.8	6.6	63.5	0.1	69.0	7.5	67.8	0.0
04/10/2019	62.0	0.0	58.3	0.0	60.2	6.0	60.5	0.0	65.5	0.0	74.9	4.6	67.9	0.0
04/11/2019	49.8	0.0	56.3	0.0	61.9	5.1	60.6	0.1	66.9	0.0	70.0	0.0	67.8	0.0
04/12/2019	53.9	0.0	52.1	0.0	59.2	4.9	56.3	0.5	60.0	0.0	61.5	4.5	67.8	0.0
04/13/2019	57.3	0.0	57.5	0.0	56.9	5.1	57.7	0.0	62.9	0.0	74.3	0.0	67.8	0.0
04/14/2019	46.6	0.0	43.0	0.0	54.1	4.9	52.8	0.0	56.1	0.0	66.2	15.7	67.7	0.0
04/15/2019	61.6	0.0	63.8	0.0	72.8	7.7	71.9	0.0	77.1	0.0	78.0	12.9	68.9	0.0
04/16/2019	87.1	0.0	85.0	0.0	87.9	7.1	82.9	0.0	89.4	0.0	80.5	0.0	84.4	0.0
04/17/2019	86.9	0.0	86.3	0.0	89.8	7.0	82.8	0.0	86.8	9.3	73.5	12.9	73.0	0.0
04/18/2019	89.8	0.0	88.0	0.0	90.8	7.1	88.0	0.0	96.3	9.1	99.7	0.0	84.4	0.0

- Data not available or incorrect

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Snake Basin Projects

Date	Dworshak		Brownlee		Hells Canyon		Lower Granite		Little Goose		Lower Monumental		Ice Harbor	
	Flow	Spill	Inflow	Inflow	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill
04/05/2019	5.0	0.0			73.5	42.6	73.1	42.8	72.8	44.2	76.7	53.0		
04/06/2019	1.8	0.0			80.2	42.4	79.2	43.2	80.0	44.2	86.0	62.3		
04/07/2019	1.6	0.0			85.2	42.3	83.6	43.8	83.5	44.0	87.8	63.5		
04/08/2019	1.6	0.0			119.2	45.0	114.5	47.2	115.8	44.1	120.3	86.2		
04/09/2019	1.6	0.0			158.6	57.8	152.0	63.0	153.0	53.4	157.9	104.5		
04/10/2019	1.6	0.0			194.7	85.4	196.4	118.8	203.5	95.0	206.9	152.6		
04/11/2019	1.6	0.0			165.3	58.2	159.8	69.4	166.9	57.8	173.9	120.9		
04/12/2019	1.6	0.0			135.0	45.8	132.8	48.0	136.4	41.7	147.1	94.2		
04/13/2019	1.6	0.0			123.0	41.7	121.3	47.1	124.0	41.3	129.7	84.8		
04/14/2019	1.6	0.0			114.5	42.4	110.3	47.1	109.7	40.6	114.6	80.2		
04/15/2019	9.8	0.0			113.5	42.1	110.8	48.4	113.9	40.6	120.8	83.1		
04/16/2019	10.1	0.0			110.3	42.4	107.5	48.4	107.1	41.5	113.9	79.8		
04/17/2019	10.1	0.0			105.7	42.3	103.6	47.7	102.8	40.8	110.2	80.9		
04/18/2019	10.1	0.0			102.2	41.8	100.8	47.2	101.7	40.8	108.9	80.4		

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Mid - Columbia Projects

Date	McNary		John Day		The Dalles		Bonneville		PH1	PH2
	Flow	Spill	Flow	Spill	Flow	Spill	Flow	Spill		
04/05/2019	149.0	0.0	162.0	0.0	162.5	0.0	175.9	1.4	67.2	98.0
04/06/2019	163.9	0.0	187.7	0.0	189.1	0.0	209.8	1.4	97.2	101.6
04/07/2019	173.8	0.0	200.1	0.0	201.1	0.0	217.9	1.5	102.9	103.7
04/08/2019	178.2	10.1	187.6	0.0	193.6	0.0	228.4	1.4	106.4	111.4
04/09/2019	230.3	65.6	223.4	18.9	231.7	15.3	261.2	11.8	110.8	127.7
04/10/2019	304.8	173.4	343.4	141.0	334.0	134.1	356.4	138.4	100.8	103.5
04/11/2019	285.7	172.3	325.7	130.5	324.8	136.1	367.0	140.6	111.2	102.8
04/12/2019	248.7	164.6	294.2	124.5	290.8	138.7	331.0	114.9	103.1	100.6
04/13/2019	216.4	143.2	242.3	120.7	235.8	134.2	277.8	113.6	55.2	96.7
04/14/2019	205.4	130.7	228.0	120.6	227.6	131.0	256.5	113.1	34.2	96.8
04/15/2019	204.1	130.6	234.9	121.5	225.0	122.2	255.2	113.0	45.8	84.0
04/16/2019	207.9	133.1	208.7	122.6	200.3	117.1	219.2	113.2	9.3	84.4
04/17/2019	199.7	127.3	216.9	123.2	202.4	108.3	231.2	114.0	20.3	84.5
04/18/2019	198.0	126.0	214.4	122.8	208.6	107.6	231.9	115.3	15.3	89.0

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