

Historic Streamflow Volume Distributions

Historic ranges for discontinued streamflow forecast points and periods are provided in lieu of monthly forecasts.

** Most ranges use the historic period 1981-2015, except for Fern Ridge Lake Inflow which uses the period 1981-2010.*

Streamflow volumes are adjusted for reservoir storage and other diversions to best represent naturalized flows.

Willamette Basin Streamflow Points	Period	←-----Drier-----Conditions-----Wetter-----→							Standard	
		5 th	10 th	30 th	50 th	70 th	90 th	95 th	Mean	Deviation
		Percentile (KAF)	Percentile (KAF)	Percentile (KAF)	Percentile Median (KAF)	Percentile (KAF)	Percentile (KAF)	Percentile (KAF)	(KAF)	(KAF)
Hills Creek Reservoir Inflow	FEB-MAY	205	229	322	355	451	540	588	383	107
	MAR-MAY	152	171	252	277	313	395	477	289	83.5
Lookout Point Lake Inflow	FEB-MAY	561	613	885	959	1172	1426	1482	1011	265
	MAR-MAY	403	445	655	750	839	1011	1198	758	205
Fall Creek Lake Inflow	FEB-MAY	102	118	164	192	217	269	294	194	51.9
	MAR-MAY	66.5	80.9	112	147	157	205	229	140	42.4
	APR-JUN	47.6	62.3	80.1	96.6	117	168	179	104	36.7
	APR-SEP	55.6	65.4	95.0	103	129	184	193	115	39.0
	MAY-JUN	15.4	20.8	35.9	49.3	73.3	94.4	109.7	54.7	27.1
	MAY-SEP	23.4	27.2	47.1	69.4	83.0	111	124	65.6	29.5
	JUN-SEP	9.8	11.6	20.0	27.5	35.5	60.6	71.4	30.8	17.4
Cottage Grove Lake Inflow	FEB-MAY	44.1	49.7	68.1	82.6	100	123	131	84.6	26.3
	MAR-MAY	27.9	30.9	46.8	58.1	70.9	85.4	102	59.1	21.1
	APR-JUN	17.2	24.0	27.1	34.4	47.6	62.2	77.7	39.6	16.6
	APR-SEP	18.8	26.2	30.2	37.9	52.6	67.0	84.9	43.4	17.7
	MAY-JUN	6.2	7.9	11.4	16.1	24.5	36.3	41.8	19.2	10.5
	MAY-SEP	8.4	9.8	14.6	19.0	29.2	40.3	48.7	23.1	11.7
	JUN-SEP	3.9	4.6	6.2	8.5	12.1	16.9	29.4	10.3	6.2

Historic Streamflow Volume Distributions

Historic ranges for discontinued streamflow forecast points and periods are provided in lieu of monthly forecasts.

* Most ranges use the historic period 1981-2015, except for Fern Ridge Lake Inflow which uses the period 1981-2010.

Streamflow volumes are adjusted for reservoir storage and other diversions to best represent naturalized flows.

Willamette Basin Streamflow Points	Period	←-----Drier-----Conditions-----Wetter-----→							Standard	
		5 th	10 th	30 th	50 th	70 th	90 th	95 th	Mean	Deviation
		Percentile	Percentile	Percentile	Percentile	Percentile	Percentile	Percentile	(KAF)	(KAF)
		(KAF)	(KAF)	(KAF)	Median (KAF)	(KAF)	(KAF)	(KAF)	(KAF)	(KAF)
Dorena Lake Inflow	FEB-MAY	129	138	209	245	291	366	382	249	75.5
	MAR-MAY	83.0	95.8	142	176	214	266	307	180	60.9
	APR-JUN	61.3	77.3	94.3	115	161	219	228	131	50.9
	APR-SEP	68.9	83.9	105	120	170	233	244	141	52.7
	MAY-JUN	17.0	28.0	39.9	56.2	95.9	119	136	67.0	36.0
	MAY-SEP	27.5	33.5	49.8	69.6	103	133	155	76.8	37.7
	JUN-SEP	10.4	12.6	19.3	28.9	38.6	65.6	87.4	32.7	20.6
McKenzie R bl Trail Bridge	FEB-MAY	210	215	262	290	313	379	392	291	52.2
	MAR-MAY	160	164	207	226	242	288	298	225	39.4
Cougar Lake Inflow	FEB-MAY	169	189	248	284	318	395	420	284	69
	MAR-MAY	122	138	192	206	246	287	330	215	56
Blue Lake Inflow	FEB-MAY	82.2	98.8	130	158	179	223	244	158	44.4
	MAR-MAY	51.1	68.3	93.6	108	133	164	183	112	36.2
McKenzie R nr Vida	FEB-MAY	853	866	1137	1256	1445	1666	1877	1283	279
	MAR-MAY	603	667	866	922	1073	1248	1396	960	213
Fern Ridge Lake Inflow *	FEB-MAY	77.9	100	137	162	206	294	310	177	67.1
	MAR-MAY	40.2	51.4	78.2	95.3	127	169	206	107	47.6
	APR-JUN	15.0	22.6	32.6	45.2	65.6	98.6	119	52.6	28.2
	APR-SEP	9.6	16.2	24.7	37.4	62.4	92.8	117	46.5	29.5
	MAY-JUN	2.4	4.9	9.8	16.9	24.0	36.1	52.7	19.0	13.1

Historic Streamflow Volume Distributions

Historic ranges for discontinued streamflow forecast points and periods are provided in lieu of monthly forecasts.

* Most ranges use the historic period 1981-2015, except for Fern Ridge Lake Inflow which uses the period 1981-2010.

Streamflow volumes are adjusted for reservoir storage and other diversions to best represent naturalized flows.

Willamette Basin Streamflow Points	Period	←-----Drier-----Conditions-----Wetter-----→							Standard	
		5 th	10 th	30 th	50 th	70 th	90 th	95 th	Mean	Deviation
		Percentile (KAF)	Percentile (KAF)	Percentile (KAF)	Percentile Median (KAF)	Percentile (KAF)	Percentile (KAF)	Percentile (KAF)	(KAF)	(KAF)
Detroit Lake Inflow	FEB-MAY	444	505	634	740	828	970	1113	741	175
	MAR-MAY	308	372	470	558	625	759	829	550	141
North Santiam R at Mehama	FEB-MAY	667	724	933	1078	1280	1460	1676	1108	271
	MAR-MAY	434	542	690	811	927	1121	1246	812	218
Green Peter Lake Inflow	FEB-MAY	281	319	406	484	553	652	718	484	123
	MAR-MAY	171	227	297	350	405	501	550	351	103
Foster Lake Inflow	FEB-MAY	523	601	760	921	1089	1271	1412	930	244
	MAR-MAY	330	429	565	669	771	929	1075	666	197
South Santiam R at Waterloo	FEB-MAY	552	642	839	997	1152	1366	1476	1002	256
	MAR-MAY	341	443	606	708	843	1010	1149	714	211
Willamette R at Salem	FEB-MAY	4410	4864	6441	7327	8895	10633	11326	7605	2018
	MAR-MAY	2944	3360	4427	5176	6044	7337	8609	5314	1495
Scoggins Ck nr Gaston	FEB-JUL	19.5	26.5	32.0	37.8	45.1	65.6	75.7	41.7	15.2
	MAR-JUL	10.0	17.1	19.8	24.6	31.9	41.0	50.1	26.9	10.1
	APR-JUL	5.7	7.2	9.7	11.6	15.9	24.5	29.0	14.0	6.4
	MAY-JUL	1.0	2.6	4.0	5.2	7.8	11.0	12.9	6.0	3.3