

APPENDIX C

U.S. ARMY CORPS OF ENGINEERS

CHERRY CREEK RESERVOIR INFLOW AND OUTFLOW DATA

WY 2018

Cherry Creek Reservoir - Daily Inflow/Outflow Data – October 2017

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF*	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Oct2017	47.60	5549.23	11920	816.9	13.29	71.21	4.08
02Oct2017	59.50	5549.22	11911	816.6	12.50	71.01	6.12
03Oct2017	45.62	5549.20	11890	816.0	9.32	72.60	0.00
04Oct2017	37.69	5549.16	11858	814.8	5.95	74.58	0.00
05Oct2017	41.65	5549.12	11819	813.6	6.55	77.55	1.36
06Oct2017	45.62	5549.07	11777	812.1	12.10	77.95	0.00
07Oct2017	41.65	5549.01	11731	810.3	12.30	76.76	0.00
08Oct2017	51.57	5548.95	11692	808.5	15.47	77.75	10.11
09Oct2017	150.74	5549.01	11754	810.3	15.07	80.93	16.88
10Oct2017	120.99	5549.07	11790	812.1	9.72	79.34	0.00
11Oct2017	89.26	5549.08	11797	812.4	6.94	80.73	0.00
12Oct2017	61.49	5549.06	11776	811.8	7.54	79.14	0.00
13Oct2017	47.60	5549.03	11751	810.9	7.54	69.42	0.00
14Oct2017	31.74	5549.00	11728	810.0	7.54	58.91	0.00
15Oct2017	37.69	5548.98	11711	809.4	7.54	58.91	0.00
16Oct2017	39.67	5548.96	11695	808.8	7.54	58.91	0.00
17Oct2017	39.67	5548.94	11684	808.2	7.54	53.36	0.00
18Oct2017	43.64	5548.94	11684	808.2	7.54	44.63	0.00
19Oct2017	43.64	5548.94	11684	808.2	7.54	45.02	0.00
20Oct2017	41.65	5548.94	11683	808.2	7.54	45.82	0.00
21Oct2017	37.69	5548.93	11677	807.9	7.54	47.60	0.00
22Oct2017	35.70	5548.92	11669	807.6	7.54	47.60	0.00
23Oct2017	41.65	5548.92	11667	807.6	7.54	47.40	0.00
24Oct2017	41.65	5548.92	11665	807.6	7.54	49.59	0.00
25Oct2017	41.65	5548.91	11664	807.3	7.54	49.39	0.00
26Oct2017	41.65	5548.91	11662	807.3	7.54	46.61	0.00
27Oct2017	43.64	5548.91	11661	807.3	7.54	46.02	0.00
28Oct2017	43.64	5548.91	11661	807.3	7.54	44.83	0.00
29Oct2017	43.64	5548.91	11660	807.3	7.54	45.42	0.00
30Oct2017	53.55	5548.93	11687	807.9	7.54	22.81	0.00
31Oct2017	51.57	5548.99	11731	809.7	7.93	0.56	0.00

*Storage on 30Sep2017 = 11943 AF

Cherry Creek Reservoir - Daily Inflow/Outflow Data – November 2017

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Nov2017	26.00	5549.04	11775	811.2	3.77	0.14	0.00
02Nov2017	25.00	5549.10	11820	813.0	3.77	0.02	0.00
03Nov2017	24.00	5549.15	11864	814.5	3.77	0.00	0.00
04Nov2017	24.00	5549.20	11909	816.0	3.77	0.00	0.00
05Nov2017	25.00	5549.26	11955	817.8	3.77	0.00	0.00
05Nov2017	24.00	5549.31	12000	819.3	3.77	0.00	0.00
06Nov2017	24.00	5549.36	12044	820.8	3.77	0.00	2.05
07Nov2017	25.00	5549.42	12090	822.6	3.77	0.00	0.00
08Nov2017	27.00	5549.47	12123	824.1	3.77	0.10	0.00
09Nov2017	24.00	5549.48	12130	824.4	3.77	19.64	0.00
10Nov2017	22.00	5549.48	12132	824.4	3.77	41.65	0.00
11Nov2017	23.00	5549.49	12135	824.7	3.77	41.06	0.00
12Nov2017	24.00	5549.49	12142	824.7	3.77	40.66	0.00
13Nov2017	24.00	5549.50	12148	825.0	3.77	39.47	0.00
14Nov2017	26.00	5549.51	12154	825.3	3.77	39.27	0.00
15Nov2017	28.00	5549.51	12158	825.3	3.77	45.02	0.00
16Nov2017	28.00	5549.52	12163	825.6	3.77	55.14	15.14
17Nov2017	28.00	5549.53	12167	825.9	3.77	54.74	0.00
18Nov2017	28.00	5549.53	12171	825.9	3.77	54.55	0.00
19Nov2017	27.00	5549.53	12173	825.9	3.77	55.14	0.00
20Nov2017	26.00	5549.54	12174	826.2	3.77	55.74	0.00
21Nov2017	26.00	5549.53	12174	825.9	3.77	54.35	0.00
22Nov2017	26.00	5549.53	12173	825.9	3.77	55.74	0.00
23Nov2017	25.00	5549.53	12173	825.9	3.77	55.93	0.00
24Nov2017	25.00	5549.53	12171	825.9	3.77	55.54	0.00
25Nov2017	25.00	5549.53	12170	825.9	3.77	57.32	0.00
26Nov2017	25.00	5549.53	12169	825.9	3.77	57.12	0.00
27Nov2017	25.00	5549.53	12167	825.9	3.77	57.72	0.00
28Nov2017	26.00	5549.53	12165	825.9	3.77	57.32	0.00
29Nov2017	28.00	5549.52	12159	825.6	3.77	58.91	0.00
30Nov2017	27.00	5549.51	12154	825.3	1.98	60.89	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – December 2017

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Dec2017	53.55	5549.51	12149	825.3	1.98	61.49	0.00
02Dec2017	53.55	5549.50	12144	825.0	1.98	62.68	0.00
03Dec2017	53.55	5549.49	12139	824.7	1.98	63.07	0.00
04Dec2017	53.55	5549.49	12134	824.7	1.98	61.69	0.00
05Dec2017	51.57	5549.48	12123	824.4	1.98	65.65	0.00
06Dec2017	47.60	5549.46	12103	823.8	1.98	70.21	0.00
07Dec2017	49.59	5549.43	12085	822.9	1.98	71.01	0.00
08Dec2017	55.54	5549.42	12074	822.6	1.98	70.21	0.00
09Dec2017	55.54	5549.40	12063	822.0	1.98	70.02	0.00
10Dec2017	55.54	5549.39	12052	821.7	1.98	70.02	0.00
11Dec2017	53.55	5549.38	12046	821.4	1.98	66.25	0.00
12Dec2017	49.59	5549.38	12047	821.4	1.98	60.89	0.00
13Dec2017	51.57	5549.38	12049	821.4	1.98	61.29	3.42
14Dec2017	51.57	5549.39	12051	821.7	1.98	61.88	0.00
15Dec2017	51.57	5549.39	12053	821.7	1.98	61.88	0.00
16Dec2017	51.57	5549.39	12056	821.7	1.98	63.67	0.00
17Dec2017	51.57	5549.39	12058	821.7	1.98	63.47	0.00
18Dec2017	51.57	5549.40	12061	822.0	1.98	61.69	0.00
19Dec2017	51.57	5549.40	12064	822.0	1.98	61.69	0.00
20Dec2017	51.57	5549.41	12068	822.3	1.98	60.50	0.00
21Dec2017	53.55	5549.41	12071	822.3	1.98	60.69	0.00
22Dec2017	53.55	5549.41	12074	822.3	1.98	58.91	0.00
23Dec2017	53.55	5549.42	12077	822.6	1.98	58.12	0.00
24Dec2017	49.59	5549.42	12078	822.6	1.98	57.72	0.00
25Dec2017	45.62	5549.42	12075	822.6	1.98	56.73	0.00
26Dec2017	43.64	5549.41	12070	822.3	1.98	57.52	0.00
27Dec2017	45.62	5549.41	12067	822.3	1.98	56.53	0.00
28Dec2017	49.59	5549.41	12068	822.3	1.98	56.93	0.00
29Dec2017	51.57	5549.41	12069	822.3	1.98	56.73	0.00
30Dec2017	51.57	5549.41	12071	822.3	1.98	57.12	0.00
31Dec2017	49.59	5549.41	12071	822.3	1.79	57.12	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – January 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Jan2018	49.59	5549.41	12071	822.3	1.79	56.93	0.00
02Jan2018	49.59	5549.41	12071	822.3	1.79	56.73	0.00
03Jan2018	49.59	5549.41	12070	822.3	1.79	56.93	0.00
04Jan2018	47.60	5549.40	12062	822.0	1.79	66.64	0.00
05Jan2018	43.64	5549.38	12046	821.4	1.79	72.79	0.00
06Jan2018	43.64	5549.36	12029	820.8	1.79	72.40	0.00
07Jan2018	43.64	5549.35	12014	820.5	1.79	72.60	0.00
08Jan2018	49.59	5549.33	12004	819.9	1.79	72.40	0.00
09Jan2018	53.55	5549.32	11999	819.6	1.79	72.00	4.10
10Jan2018	51.57	5549.32	11999	819.6	1.79	62.88	0.00
11Jan2018	51.57	5549.33	12004	819.9	1.79	57.32	0.00
12Jan2018	51.57	5549.33	12008	819.9	1.79	57.12	0.00
13Jan2018	49.59	5549.34	12012	820.2	1.79	56.73	0.00
14Jan2018	15.87	5549.34	12013	820.2	1.79	56.33	0.00
15Jan2018	3.97	5549.34	12013	820.2	1.79	56.53	0.00
16Jan2018	3.97	5549.34	12013	820.2	1.79	56.13	0.00
17Jan2018	3.97	5549.34	12013	820.2	1.79	55.93	0.00
18Jan2018	33.72	5549.34	12013	820.2	1.79	55.93	0.00
19Jan2018	47.60	5549.34	12013	820.2	1.79	55.93	0.00
20Jan2018	87.27	5549.39	12054	821.7	1.79	56.33	11.64
21Jan2018	47.60	5549.39	12054	821.7	1.79	56.73	0.00
22Jan2018	49.59	5549.39	12057	821.7	1.79	55.93	0.00
23Jan2018	49.59	5549.40	12061	822.0	1.79	56.13	0.00
24Jan2018	49.59	5549.42	12090	822.6	1.79	23.80	0.00
25Jan2018	51.57	5549.48	12139	824.4	1.79	0.14	0.00
26Jan2018	43.64	5549.53	12180	825.9	1.79	0.12	0.00
27Jan2018	43.64	5549.58	12222	827.4	1.79	0.12	0.00
28Jan2018	43.64	5549.63	12264	828.9	1.79	0.06	0.00
29Jan2018	43.64	5549.68	12306	830.4	1.79	0.04	0.00
30Jan2018	41.65	5549.73	12347	831.9	1.98	0.06	0.00
31Jan2018	39.67	5549.78	12385	833.4	1.98	0.06	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – February 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Feb2018	39.67	5549.82	12423	834.6	1.98	0.08	0.00
02Feb2018	39.67	5549.87	12458	836.1	1.98	0.08	0.00
03Feb2018	35.70	5549.91	12491	837.3	1.98	0.04	0.00
04Feb2018	35.70	5549.95	12525	838.5	1.98	0.06	0.00
05Feb2018	37.69	5549.99	12560	839.7	1.98	0.08	0.00
06Feb2018	35.70	5550.03	12584	840.8	1.98	11.15	0.00
07Feb2018	35.70	5550.04	12589	841.1	1.98	27.97	0.00
08Feb2018	37.69	5550.04	12597	841.1	1.98	27.37	0.00
09Feb2018	53.55	5550.07	12621	841.9	1.98	27.57	7.02
10Feb2018	39.67	5550.08	12630	842.2	1.98	28.17	0.00
11Feb2018	35.70	5550.09	12637	842.4	1.98	28.56	0.00
12Feb2018	37.69	5550.10	12644	842.7	1.98	28.76	0.00
13Feb2018	39.67	5550.11	12655	843.0	1.98	28.56	0.00
14Feb2018	41.65	5550.12	12666	843.2	1.98	28.36	0.70
15Feb2018	39.67	5550.14	12677	843.8	1.98	28.36	0.00
16Feb2018	39.67	5550.15	12686	844.1	1.98	27.97	0.00
17Feb2018	37.69	5550.16	12695	844.3	1.98	27.77	0.00
18Feb2018	37.69	5550.17	12703	844.6	1.98	27.77	7.04
19Feb2018	37.69	5550.18	12712	844.9	1.98	28.56	0.00
20Feb2018	37.69	5550.19	12720	845.1	1.98	28.36	0.00
21Feb2018	37.69	5550.20	12728	845.4	1.98	27.37	1.41
22Feb2018	37.69	5550.21	12737	845.7	1.98	27.97	0.00
23Feb2018	37.69	5550.22	12744	845.9	1.98	27.57	0.00
24Feb2018	35.70	5550.22	12751	845.9	1.98	26.18	0.00
25Feb2018	35.70	5550.23	12757	846.2	1.98	27.77	0.00
26Feb2018	35.70	5550.24	12762	846.5	1.98	27.77	0.00
27Feb2018	35.70	5550.24	12767	846.5	1.98	27.77	0.00
28Feb2018	35.70	5550.25	12772	846.8	2.78	27.77	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – March 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Mar2018	37.69	5550.25	12777	846.8	5.16	27.97	0.00
02Mar2018	35.70	5550.26	12780	847.0	4.96	27.77	0.00
03Mar2018	35.70	5550.26	12779	847.0	8.73	25.79	0.00
04Mar2018	23.80	5550.25	12762	846.8	12.69	24.99	0.00
05Mar2018	27.77	5550.23	12755	846.2	6.55	24.99	0.00
06Mar2018	31.74	5550.23	12754	846.2	4.56	24.79	0.00
07Mar2018	29.75	5550.23	12754	846.2	2.78	25.39	0.00
08Mar2018	29.75	5550.23	12754	846.2	2.78	25.59	0.00
09Mar2018	31.74	5550.23	12754	846.2	3.97	25.39	0.00
10Mar2018	31.74	5550.23	12754	846.2	4.76	25.39	0.00
12Mar2018	31.74	5550.23	12754	846.2	3.57	25.39	0.00
13Mar2018	31.74	5550.23	12754	846.2	4.96	25.39	0.00
14Mar2018	31.74	5550.23	12754	846.2	3.17	25.39	0.00
15Mar2018	31.74	5550.23	12754	846.2	3.37	25.39	6.35
16Mar2018	31.74	5550.23	12754	846.2	6.55	25.39	0.71
17Mar2018	35.70	5550.23	12754	846.2	7.74	25.39	0.00
18Mar2018	83.31	5550.23	12804	846.2	5.36	26.58	33.14
19Mar2018	87.27	5550.33	12859	848.9	4.96	26.38	0.00
20Mar2018	105.12	5550.42	12928	851.3	7.93	25.39	0.00
21Mar2018	63.47	5550.46	12959	852.4	4.96	25.39	0.00
22Mar2018	55.54	5550.49	12983	853.2	3.97	25.39	0.00
23Mar2018	49.59	5550.51	12996	853.8	7.74	25.19	0.00
24Mar2018	41.65	5550.52	13001	854.0	7.93	25.39	0.00
25Mar2018	35.70	5550.52	13002	854.0	5.95	25.59	0.00
26Mar2018	63.47	5550.53	13032	854.3	5.75	26.58	28.48
27Mar2018	144.79	5550.66	13141	857.8	8.33	26.78	11.44
28Mar2018	138.84	5550.78	13246	861.1	5.75	26.98	9.33
29Mar2018	136.86	5550.89	13323	864.0	7.54	53.55	2.88
30Mar2018	85.29	5550.90	13325	864.3	6.74	74.58	0.00
31Mar2018	59.50	5550.88	13301	863.8	5.95	76.17	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – April 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Apr2018	49.59	5550.84	13265	862.7	8.73	75.17	0.00
02Apr2018	49.59	5550.79	13228	861.3	11.31	74.38	0.00
03Apr2018	45.62	5550.75	13185	860.3	11.90	76.76	0.00
04Apr2018	45.62	5550.70	13143	858.9	12.10	77.16	0.00
05Apr2018	43.64	5550.65	13100	860.3	12.30	74.98	0.00
06Apr2018	47.60	5550.61	13081	856.5	12.50	51.97	1.43
07Apr2018	45.62	5550.61	13083	856.5	13.49	31.34	0.00
08Apr2018	53.55	5550.62	13094	856.7	14.28	31.54	0.71
09Apr2018	49.59	5550.64	13108	857.3	7.34	30.94	5.72
10Apr2018	39.67	5550.65	13113	860.3	6.55	29.95	0.00
11Apr2018	41.65	5550.65	13115	860.3	10.31	29.36	0.00
12Apr2018	59.50	5550.67	13134	858.1	11.90	29.75	0.72
13Apr2018	107.11	5550.73	13196	859.7	17.26	30.74	18.63
14Apr2018	83.31	5550.79	13236	861.3	15.07	31.54	0.00
15Apr2018	63.47	5550.82	13261	862.1	10.31	31.34	0.00
16Apr2018	55.54	5550.84	13280	862.7	7.54	30.74	0.00
17Apr2018	39.67	5550.83	13260	862.4	7.93	54.55	0.00
18Apr2018	43.64	5550.78	13213	861.1	15.07	76.56	0.00
19Apr2018	45.62	5550.72	13164	859.4	19.83	76.76	0.00
20Apr2018	47.60	5550.67	13125	858.1	13.09	75.97	9.30
21Apr2018	103.14	5550.68	13145	858.4	7.74	78.15	10.01
22Apr2018	83.31	5550.69	13145	858.6	7.93	78.74	0.00
23Apr2018	65.45	5550.67	13128	858.1	7.54	77.55	0.72
24Apr2018	65.45	5550.65	13111	860.3	9.32	76.76	11.47
25Apr2018	67.44	5550.63	13093	857.0	9.12	78.35	0.00
26Apr2018	61.49	5550.61	13073	856.5	5.95	77.55	0.00
27Apr2018	53.55	5550.58	13046	855.7	5.95	78.74	0.00
28Apr2018	51.57	5550.54	13017	854.6	5.95	78.15	0.00
29Apr2018	51.57	5550.51	12987	853.8	5.95	78.35	0.00
30Apr2018	55.54	5550.49	12976	853.2	5.95	63.27	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – May 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow	Pool Elevation	Reservoir Storage	Reservoir Surface Area	Evaporative Loss	Reservoir Outflow	Precipitation
	AF/day	ft	AF	Acres	AF/day	AF/day	AF/day
01May2018	47.60	5550.49	12976	853.2	10.12	41.65	0.00
02May2018	111.07	5550.53	13041	854.3	10.12	43.24	37.73
03May2018	323.31	5550.81	13317	861.9	10.12	45.02	59.61
04May2018	281.65	5551.12	13551	870.2	10.12	40.86	0.00
05May2018	142.81	5551.25	13648	873.8	10.12	40.46	0.00
06May2018	119.01	5551.33	13719	875.9	10.12	40.46	0.00
07May2018	77.36	5551.38	13749	877.3	10.12	40.26	0.00
08May2018	65.45	5551.39	13743	877.5	10.12	74.78	0.00
09May2018	53.55	5551.33	13695	875.9	10.12	103.34	0.00
10May2018	45.62	5551.27	13638	874.3	10.12	103.14	0.00
11May2018	39.67	5551.20	13577	872.4	10.12	99.97	0.00
12May2018	43.64	5551.13	13519	870.5	10.12	103.74	0.73
13May2018	43.64	5551.07	13461	868.9	10.12	104.93	2.17
14May2018	79.34	5551.03	13439	867.8	10.12	106.31	10.85
15May2018	75.37	5551.01	13414	867.3	10.12	105.12	4.34
16May2018	55.54	5550.96	13368	865.9	10.12	104.13	0.00
17May2018	43.64	5550.90	13310	864.3	10.12	103.54	0.00
18May2018	39.67	5550.82	13249	862.1	10.12	103.34	0.72
19May2018	43.64	5550.76	13192	860.5	10.12	102.35	7.17
20May2018	43.64	5550.69	13135	858.6	10.12	102.15	0.00
21May2018	41.65	5550.62	13076	856.7	10.12	100.36	0.00
22May2018	33.72	5550.55	13010	854.9	10.12	99.97	0.71
23May2018	75.37	5550.16	12695	844.3	10.12	343.14	0.00
24May2018	47.60	5550.16	12695	844.3	10.12	37.49	0.00
25May2018	47.60	5550.16	12694	844.3	10.12	37.29	0.00
26May2018	41.65	5550.15	12687	844.1	10.12	37.69	0.00
27May2018	27.77	5550.13	12666	843.5	10.12	37.69	0.70
28May2018	95.21	5550.14	12713	843.8	10.12	40.07	28.83
29May2018	95.21	5550.23	12761	846.2	10.12	38.88	1.41
30May2018	83.31	5550.27	12795	847.3	10.12	37.69	0.71
31May2018	43.64	5550.28	12793	847.6	9.92	37.69	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – June 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
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Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Jun2018	23.80	5550.25	12765	846.8	13.69	38.28	0.00
02Jun2018	27.77	5550.22	12741	845.9	13.69	38.68	0.00
03Jun2018	31.74	5550.20	12721	845.4	13.69	39.27	0.00
04Jun2018	31.74	5550.17	12700	844.6	13.69	39.87	0.00
05Jun2018	25.79	5550.15	12680	844.1	13.69	35.50	0.00
06Jun2018	21.82	5550.12	12660	843.2	13.69	31.74	0.00
07Jun2018	19.83	5550.10	12638	842.7	13.69	31.74	0.00
08Jun2018	15.87	5550.07	12612	841.9	13.69	31.93	0.00
09Jun2018	13.88	5550.04	12583	841.1	13.69	32.53	0.00
10Jun2018	11.90	5550.00	12554	840.0	13.69	32.33	0.00
11Jun2018	9.92	5549.97	12523	839.1	13.69	32.33	0.00
12Jun2018	13.88	5549.94	12506	838.2	13.69	18.09	0.00
13Jun2018	13.88	5549.93	12497	837.9	13.69	8.39	0.00
14Jun2018	13.88	5549.92	12489	837.6	13.69	8.47	0.00
15Jun2018	17.85	5549.91	12484	837.3	13.69	8.61	0.00
16Jun2018	23.80	5549.91	12484	837.3	13.69	8.65	0.00
17Jun2018	59.50	5549.93	12520	837.9	13.69	9.64	56.56
18Jun2018	138.84	5550.06	12635	841.6	13.69	8.77	1.40
19Jun2018	105.12	5550.17	12718	844.6	13.69	9.04	5.63
20Jun2018	65.45	5550.23	12754	846.2	13.69	17.26	0.00
21Jun2018	39.67	5550.23	12750	846.2	13.69	29.75	0.00
22Jun2018	19.83	5550.20	12727	845.4	13.69	29.75	0.00
23Jun2018	29.75	5550.18	12714	844.9	13.69	29.95	0.00
24Jun2018	41.65	5550.18	12713	844.9	13.69	29.95	13.38
25Jun2018	47.60	5550.19	12718	845.1	13.69	29.75	0.00
26Jun2018	37.69	5550.18	12712	844.9	15.87	29.75	0.00
27Jun2018	15.87	5550.14	12667	843.8	17.85	50.18	0.00
28Jun2018	1.98	5550.06	12594	841.6	17.85	66.05	0.00
29Jun2018	0.00	5549.97	12514	839.1	19.83	64.86	0.00
30Jun2018	0.00	5549.87	12438	836.1	19.83	64.26	2.09

Cherry Creek Reservoir - Daily Inflow/Outflow Data – July 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Jul2018	3.97	5549.79	12366	833.7	17.85	63.87	0.00
02Jul2018	7.93	5549.72	12327	831.6	14.68	31.54	0.69
03Jul2018	17.85	5549.71	12321	831.3	14.68	7.16	0.00
04Jul2018	17.85	5549.71	12315	831.3	14.68	6.60	1.39
05Jul2018	17.85	5549.70	12309	831.0	14.68	6.72	9.70
06Jul2018	17.85	5549.69	12304	830.7	14.68	6.47	0.00
07Jul2018	21.82	5549.69	12302	830.7	14.68	6.47	2.77
08Jul2018	53.55	5549.71	12331	831.3	14.68	7.08	0.00
09Jul2018	25.79	5549.73	12332	831.9	14.68	6.51	0.00
10Jul2018	7.93	5549.71	12315	831.3	14.68	6.47	0.00
11Jul2018	5.95	5549.69	12298	830.7	14.68	6.53	0.00
12Jul2018	5.95	5549.67	12280	830.1	14.68	6.72	0.00
13Jul2018	7.93	5549.65	12263	829.5	14.68	6.72	0.00
14Jul2018	7.93	5549.63	12246	828.9	14.68	6.78	0.00
15Jul2018	71.40	5549.62	12294	828.6	14.68	8.13	37.98
16Jul2018	230.08	5549.90	12501	837.0	14.68	6.74	0.00
17Jul2018	226.12	5550.14	12684	843.8	14.68	26.58	0.00
18Jul2018	61.49	5550.14	12666	843.8	14.68	56.93	0.00
19Jul2018	27.77	5550.08	12615	842.2	14.68	57.92	0.00
20Jul2018	23.80	5550.01	12559	840.3	14.68	58.91	0.00
21Jul2018	21.82	5549.95	12502	838.5	14.68	58.12	0.00
22Jul2018	21.82	5549.88	12444	836.4	14.68	58.71	5.58
23Jul2018	47.60	5549.82	12412	834.6	14.68	60.50	9.04
24Jul2018	224.13	5549.97	12557	839.1	14.68	62.28	7.69
25Jul2018	105.12	5550.03	12582	840.8	14.68	61.69	23.12
26Jul2018	81.32	5550.03	12584	840.8	14.68	62.68	6.31
27Jul2018	65.45	5550.01	12555	840.3	14.68	91.24	0.00
28Jul2018	47.60	5549.94	12495	838.2	14.68	109.29	0.00
29Jul2018	25.79	5549.85	12414	835.5	14.68	110.48	0.00
30Jul2018	19.83	5549.74	12327	832.2	14.68	110.88	0.00
31Jul2018	3.97	5549.62	12225	828.6	13.88	111.87	0.00

Cherry Creek Reservoir - Daily Inflow/Outflow Data – August 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE				USGS	KAPA	
	Reservoir Inflow AF/day	Pool Elevation ft	Reservoir Storage AF	Reservoir Surface Area Acres	Evaporative Loss AF/day	Reservoir Outflow AF/day	Precipitation AF/day
01Aug2018	1.98	5549.50	12122	825.0	14.28	112.07	0.00
02Aug2018	1.98	5549.37	12018	821.1	14.28	113.65	0.00
03Aug2018	23.80	5549.29	11981	818.7	14.28	50.38	17.74
04Aug2018	51.57	5549.33	12008	819.9	14.28	7.91	0.00
05Aug2018	51.57	5549.36	12036	820.8	14.28	7.99	0.00
06Aug2018	51.57	5549.39	12063	821.7	14.28	8.07	3.42
07Aug2018	43.64	5549.42	12083	822.6	14.28	7.99	0.00
08Aug2018	29.75	5549.42	12080	822.6	14.28	21.22	0.00
09Aug2018	17.85	5549.40	12056	822.0	14.28	28.76	0.00
10Aug2018	13.88	5549.37	12028	821.1	14.28	28.96	0.00
11Aug2018	9.92	5549.33	11997	819.9	14.28	28.96	0.00
12Aug2018	9.92	5549.29	11965	818.7	14.28	29.16	0.00
13Aug2018	9.92	5549.25	11934	817.5	14.28	29.55	0.00
14Aug2018	13.88	5549.22	11907	816.6	14.28	29.95	6.81
15Aug2018	15.87	5549.19	11881	815.7	14.28	29.95	0.00
16Aug2018	13.88	5549.15	11853	814.5	14.28	30.15	0.00
17Aug2018	13.88	5549.12	11826	813.6	14.28	30.55	0.00
18Aug2018	19.83	5549.09	11805	812.7	14.28	32.33	11.51
19Aug2018	65.45	5549.12	11829	813.6	14.28	30.35	0.00
20Aug2018	27.77	5549.11	11816	813.3	14.28	30.55	0.00
21Aug2018	39.67	5549.10	11815	813.0	14.28	30.55	7.45
22Aug2018	39.67	5549.10	11814	813.0	14.28	31.14	1.36
23Aug2018	25.79	5549.09	11799	812.7	14.28	31.34	0.00
24Aug2018	17.85	5549.06	11775	811.8	14.28	31.14	0.00
25Aug2018	15.87	5549.03	11752	810.9	14.28	31.14	0.00
26Aug2018	15.87	5549.00	11727	810.0	14.28	31.14	0.68
27Aug2018	5.95	5548.96	11692	808.8	14.28	31.54	0.00
28Aug2018	11.90	5548.93	11673	807.9	14.28	17.63	0.00
29Aug2018	17.85	5548.92	11667	807.6	14.28	7.48	0.00
30Aug2018	17.85	5548.91	11662	807.3	14.28	7.58	0.00
31Aug2018	19.83	5548.91	11658	807.3	13.88	7.70	0.67

Cherry Creek Reservoir - Daily Inflow/Outflow Data – September 2018

Reservoir inflow, pool elevation, storage and evaporative loss are from USACE data
Surface area calculated from USACE daily elevations and area/capacity tables.
Outflow is from USGS site 06713000, Cherry Creek below Cherry Creek Lake, CO
Precipitation load on daily precipitation at the KAPA site and reservoir surface area

Date	USACE					USGS	KAPA
	Reservoir Inflow	Pool Elevation	Reservoir Storage	Reservoir Surface Area	Evaporative Loss	Reservoir Outflow	Precipitation
	AF/day	ft	AF	Acres	AF/day	AF/day	AF/day
01Sep2018	17.85	5548.90	11654	807.0	11.70	7.64	0.00
02Sep2018	17.85	5548.90	11650	807.0	11.70	7.60	0.00
03Sep2018	17.85	5548.89	11646	806.7	11.70	7.64	1.34
04Sep2018	17.85	5548.89	11642	806.7	11.70	7.66	0.00
05Sep2018	67.44	5548.94	11687	808.2	11.70	14.92	33.00
06Sep2018	45.62	5548.96	11703	808.8	11.70	18.86	0.00
07Sep2018	37.69	5548.98	11711	809.4	11.70	18.88	0.00
08Sep2018	15.87	5548.96	11697	808.8	11.70	18.80	0.67
09Sep2018	15.87	5548.94	11682	808.2	11.70	18.88	0.00
10Sep2018	13.88	5548.92	11666	807.6	11.70	18.80	0.00
11Sep2018	11.90	5548.90	11649	807.0	11.70	18.86	0.00
12Sep2018	7.93	5548.88	11628	806.4	11.70	18.98	0.00
13Sep2018	7.93	5548.85	11605	805.5	11.70	18.96	0.00
14Sep2018	7.93	5548.82	11583	804.6	11.70	19.06	0.00
15Sep2018	7.93	5548.79	11560	803.7	11.70	19.40	0.00
16Sep2018	7.93	5548.76	11537	802.8	11.70	19.32	0.00
17Sep2018	7.93	5548.74	11518	802.2	11.70	19.12	0.00
18Sep2018	5.95	5548.71	11499	801.3	11.70	12.56	0.00
19Sep2018	37.69	5548.70	11515	801.0	11.70	8.79	0.00
20Sep2018	37.69	5548.75	11531	802.5	11.70	6.84	0.00
21Sep2018	11.90	5548.74	11523	802.2	11.70	6.98	0.00
22Sep2018	3.97	5548.72	11505	801.6	11.70	7.06	0.00
23Sep2018	5.95	5548.70	11490	801.0	11.70	7.08	0.00
24Sep2018	5.95	5548.68	11475	800.4	11.70	7.30	0.00
25Sep2018	5.95	5548.66	11459	799.8	11.70	7.58	0.00
26Sep2018	11.90	5548.64	11444	799.2	11.70	13.86	0.00
27Sep2018	17.85	5548.62	11430	798.6	11.70	18.29	0.00
28Sep2018	17.85	5548.61	11416	798.3	11.70	17.69	0.00
29Sep2018	17.85	5548.59	11403	797.7	11.70	17.79	0.00
30Sep2018	19.83	5548.57	11391	797.1	11.70	17.91	0.00

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