

Average Daily Water Usage at CFS Alert - 8AC-ALT---- (formerly 3BC-ALT1015)

Year [yr]	Month [mo]	Days [day]	Average Daily Intake (Usage) [m3/day]	Maximum Daily Intake [m3/day]	Average Daily Returned [m3/day]	Maximum Daily Return [m3/day]	Average Daily Utilized (Consumed) [m3/day]	Maximum Daily Utilized (Consumed) [m3/day]	Metered [Y/N]	Quantity Utilized [m3]
2016	JAN	31	424	515	349	449	75	125	Y	13,153
2016	FEB	29	475	648	385	577	90	124	Y	13,785
2016	MAR	31	432	530	364	447	68	133	Y	13,387
2016	APR	30	494	757	424	665	70	108	Y	14,823
2016	MAY	31	666	785	590	713	75	109	Y	20,631
2016	JUN	30	643	817	578	737	65	117	Y	19,283
2016	JUL	31	645	749	573	679	71	102	Y*	19,983
2016	AUG	31	572	693	506	572	65	121	Y*	17,719
2016	SEP	30	555	644	462	544	93	202	Y	16,654
2016	OCT	31	560	666	488	561	72	109	Y	17,363
2016	NOV	30	569	677	482	583	87	121	Y	17,082
2016	DEC	31	430	584	361	495	68	202	Y	13,327
Annual Average [m3/day]:			539	672	464	585	75	131	Total	197,191
Observed Minimum [m3/day]:			424	515	349	447	65	102	Annual	
Observed Maximum [m3/day]:			666	817	590	737	93	202	[m3]:	

Month	Jan.	Year	2016
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Day	Raw #1												
	S	TR	Supply			Return					Station		Σ
	PSI	PSI	PSI	Flow m ³ /d	read m ³	total m ³	PSI	0 ^F	Flow m ³ /d	Read m ³	Total m ³		
1				486		383			384		318	65	1
2				478		499			392		442	57	1
3				467		452			405		387	65	1
4				480		515			351		449	66	1
5				523		506			447		449	57	1
6				400		493			305		419	74	2
7				392		334			328		268	66	
8				396		455			259		368	87	2
9				394		415			278		338	77	2
10				398		433			319		350	83	2
11				395		321			326		260	61	2
12				361		384			325		311	73	2
13				294		375			287		325	50	1
14				381		355			321		322	33	1
15				416		457			284		342	115	1
16				440		422			293		324	98	1
17				420		469			329		344	125	1
18				394		340			259		276	64	1
19				401		393			382		319	74	1
20				440		439			382		376	63	2
21				444		454			361		375	79	2
22				434		441			349		384	57	2
23				445		443			329		382	61	2
24				471		493			372		412	81	2
25				467		433			370		339	94	2
26				408		406			299		328	78	2
27				382		390			332		313	77	1
28				389		395			320		314	81	1
29				440		399			322		328	71	1
30				444		492			297		383	109	1
31				413		367			333		287	80	1
Total						13,153					10,832	2,321	
Avg				422		424			334		349	75	
Min				294		321			259		260	33	
Max				523		515			447		449	125	

Day	Distribution Loop												
	S	TR	Supply				Return				Station Use m ³		Σ
	PSI	PSI	PSI	Flow m ³ /d	Read m ³	Total m ³	PSI	0 ^F	Flow m ³ /d	Read m ³	Total m ³		
1	25	30		439		430			313		317	113	1
2	27	29		487		511			370		387	124	1
3	22	26		481		497			387		389	108	2
4	26	30		471		426			316		344	82	2
5	28	28		447		455			364		385	70	2
6	22	24		459		493			376		418	75	2
7	27	28		478		476			381		392	84	2
8	27	29		460		410			368		324	86	2
9	26	28		437		462			335		362	100	2
10	28	29		432		407			329		338	69	2
11	22	24		458		441			344		355	86	2
12	26	26		475		444			338		357	87	2
13	26	26		471		533			322		422	111	2
14	26	28		473		373			361		301	72	2
15	26	25		476		481			324		384	97	2
16	26	28		514		471			385		383	88	2
17	26	28		518		538			395		424	114	2
18	26	28		497		488			399		392	96	2
19	26	28		494		474			424		375	99	2
20	24	26		507		515			408		423	92	2
21	24	26		507		532			395		427	105	2
22	28	26		507		460			401		368	92	2
23	22	26		435		447			336		344	103	2
24	24	28		448		434			346		335	99	2
25	24	28		518		450			446		346	104	2
26				693		648			511		569	79	
27				459		648			346		577	71	
28	26	24		432		429			355		369	60	2
29				425		412			363		356	56	
30													
31													
Total						13,785					11,163	2,622	
Avg				479		475			370		385	90	
Min				425		373			313		301	56	
Max				693		648			511		577	124	

Month	Mar	Year	2016	#####
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Day	Raw #1	Distribution Loop #2											Station	Σ
	S	TR	Supply				Return							
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³			
1	24	26		450		445			391		422	23	2	
2	24	26		451		442			375		380	62	2	
3	24	26		445		451			385		377	74	2	
4				501		477			404		403	74		
5	24	26		493		505			333		429	76	2	
6	24	26		489		496			407		429	67	2	
7	24	26		496		483			358		415	68	2	
8	25	26		450		436			353		368	68	2	
9	25	26		447		442			380		374	68	2	
10	24	26		449		462			375		380	82	2	
11	24	26		442		449			382		377	72	2	
12	24	26		435		407			376		343	64	2	
13	24	26		421		420			375		350	70	2	
14	24	26		358		428			310		360	68	2	
15	24	26		367		477			269		344	133	2	
16	24	26		373		308			269		276	32	2	
17	24	26		369		378			301		303	75	2	
18	24	26		365		358			304		286	72	2	
19	25	26		357		340			340		278	62	2	
20	24	26		361		361			297		295	66	2	
21	24	26		518		530			416		447	83	2	
22	24	26		439		512			356		441	71	2	
23	24	26		426		425			356		356	69	2	
24	24	26		428		434			349		365	69	2	
25	24	26		439		398			361		340	58	2	
26	24	26		423		425			355		366	59	2	
27	24	26		430		406			328		343	63	2	
28	24	26		420		418			357		352	66	2	
29	24	26		409		459			312		387	72	2	
30	24	26		399		413			352		350	63	2	
31	24	26		402		402			332		341	61	2	
Total						13,387						11,277	2,110	
Avg						427						364	68	
Min						357						276	23	
Max						518						447	133	

Month April			Year 2016			P Page 2 of 4 - PLANT PHYSICAL CHECKS								
Day	Raw #1		Distribution Loop #2											
	S	TR	Supply				Return					Station	Duty HL	
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³	Use m³		
1	24	24		405		400			384		346	54	1	
2	24	24		415		382			360		335	47	1	
3	24	24		414		420			338		352	68	1	
4	24	24		440		424			361		356	68	1	
5	24	24		432		453			354		379	74	1	
6	24	24		414		435			361		370	65	1	
7	24	24		428		409			353		345	64	1	
8	24	24		433		443			351		367	76	1	
9	24	24		432		392			345		333	59	1	
10	25	25		435		429			353		364	65	1	
11	25	25		437		469			338		387	82	1	
12	25	25		534		499			389		429	70	1	
13	24	25		530		552			428		459	93	1	
14	23	22		517		535			431		448	87	1	
15	20	22		517		520			412		446	74	1	
16	22	21		523		469			422		414	55	1	
17	22	22		527		505			446		427	78	1	
18				510		575			450		486	89	1	
19	24	22		469		444			331		363	81	1	
20	22	20		440		438			337		349	89	1	
21	22	22		448		473			365		377	96	1	
22	24	25		454		406			390		324	82	1	
23	24	24		447		435			359		354	81	1	
24	24	25		668		638			598		548	90	1	
25	24	25		683		757			567		649	108	1	
26	24	24		653		674			581		586	88	1	
27	24	24		655		753			579		664	89	1	
28	27	24		641		463			583		411	52	1	
29	29	27		590		590			365		665	-75	1	
30	30	29		442		441			337		377	64	1	
31														
Total						14,823					12,710	2,113		
Avg				498		494			409		424	70		
Min				405		382			331		324	-75		
Max				683		757			598		665	108		

Month May		Year 2016		P Page 2 of 4 - PLANT PHYSICAL CHECKS									
Day	Raw #1		Distribution Loop #2										
	S	TR	Supply				Return					Station Use m³	Duty HL
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³		
1	28	27		650	791,264	437			580	680008	328	109	2
2	26	24		675	791,974	710			562	680688	680	30	2
3	26	24		687	792,643	669			539	681273	585	84	2
4	24	25		703	793,317	674			577	681843	570	104	2
5	24	25		707	794,008	691			582	682428	585	106	2
6	20	22		674	794,681	673			599	683027	599	74	2
7	21	20		691	795,407	726			575	683,648	621	105	2
8	20	22		691	796,109	702			579	684,248	600	102	2
9	21	18		688	796,775	666			564	684,829	581	85	2
10	18	20		663	797,458	683			587	685,433	604	79	2
11	18	20		668	798,117	659			556	686,016	583	76	2
12	21	21		671	798,769	652			595	686,595	579	73	2
13	18	20		679	799,441	672			572	687,201	606	66	2
14	18	20		668	800,091	650			599	687,796	595	55	2
15	18	20		671	800,876	785			590	688,509	713	72	2
16	18	20		672	801,425	549			589	689,007	498	51	2
17	18	20		656	802,095	670			598	689,606	599	71	2
18	18	20		666	802,773	678			590	690,220	614	64	2
19	18	20		661	803,508	735			596	690,875	655	80	2
20	18	20		677	804,162	654			578	691,440	565	89	2
21	18	20		668	804,838	676			586	692,041	601	75	2
22	18	20		663	805,520	682			583	692,658	617	65	2
23	18	20		669	806,170	650			591	693,251	593	57	2
24	18	20		659	806,744	574			565	693,769	518	56	2
25	20	22		661	807,453	709			550	694,409	640	69	2
26	20	22		656	808,097	644			563	694,980	571	73	2
27	20	22		659	808,739	642			599	695,564	584	58	2
28	18	22		671	809,417	678			565	696,180	616	62	2
29	18	20		692	810,091	674			599	696,783	603	71	2
30		18		693	810,752	661			593	697,362	579	82	2
31		20		678	811,458	706			592	697,974	612	94	2
Total						20,631					18,294	2,337	
Avg				674		666			580		590	75	
Min				650		437			539		328	30	
Max				707		785			599		713	109	

Month		6	Year	2016		P Page 2 of 4 - PLANT PHYSICAL CHECKS									
Day	Raw #1		Distribution Loop #2												
	S	TR	Supply				Return					Station Use m³	Duty HL		
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³				
1	18	20		672	812,110	434			588	698552	334	100	1		
2	18	20		642	812,772	662			603	699161	609	53	1		
3	18	20		650	813,438	666			591	699771	610	56	1		
4	16	20		636	814,065	627			594	700351	580	47	1		
5	14	22		648	814,732	667			580	700962	611	56	1		
6	18	22		658	815,373	641			593	701545	583	58	1		
7	18	22		692	816,013	640			570	702,112	567	73	1		
8	18	20		695	816,686	673			586	702,693	581	92	1		
9	19	20		699	817,431	745			588	703,329	636	109	1		
10	18	20		677	818,093	662			591	703,897	568	94	1		
11	18	20		672	818,736	438			573	704,446	549	-111	1		
12	18	20		688	819,439	703			572	705,044	598	105	1		
13	18	20		691	820,102	663			575	705,604	560	103	1		
14	16	20		670	820,815	713			599	706,217	613	100	1		
15	16	20		686	821,497	682			566	706,809	592	90	1		
16	16	20		696	822,166	669			547	707,394	585	84	1		
17	18	22		695	822,914	748			574	708,025	631	117	1		
18	18	22		658	823,560	646			575	708,586	561	85	1		
19	18	20		669	824,216	656			557	709,166	580	76	1		
20	18	20		622	824,819	603			603	709,721	555	48	1		
21	18	20		667	825,636	817			566	710,458	737	80	1		
22	16	20		643	826,127	491			581	710,907	449	42	1		
23	16	20		665	826,811	684			591	711,489	582	102	1		
24	16	20		621	827,445	472			594	712,046	557	-85	1		
25	18	20		626	828,103	658			592	712,633	587	71	1		
26	18	20		639	828,719	616			576	713,198	565	51	1		
27	16	20		656	829,390	671			564	713,808	610	61	1		
28	18	22		634	830,055	665			566	714,418	610	55	1		
29	18	20		659	830,698	643			499	714,998	580	63	1		
30	18	20		689	831,326	628			528	715,558	560	68	1		
Total						19,283						17,340	1,943		
Avg						664						578	65		
Min						621						334	-111		
Max						699						737	117		

Month		Year		P Page 2 of 4 - PLANT PHYSICAL CHECKS									
		Raw #1		Distribution Loop #2									
Day	S	TR	Supply				Return					Station	Duty HL
	PSI	PSI	PSI	Flow m ³ /d	Read m ³	Total m ³	PSI	0 ^F	Flow m ³ /d	Read m ³	Total m ³	Use m ³	
1	18	20		648	831,925	441			594	716100	339	102	2
2	18	20		640	832,591	666			587	716703	603	63	2
3	20	20		640	833,195	604			595	717250	547	57	2
4	18	20		668	833,939	744			580	717910	660	84	2
5	18	20		671	834,622	683			571	718504	594	89	2
6	18	20		677	835,336	714			579	719128	624	90	2
7	12	20		651	836,000	664			591	719,725	597	67	2
8	12	18		751	836,604	604			591	720,286	561	43	2
9	16	18		630	837,113	509			616	720,741	455	54	2
10	18	20		641	837,817	704			605	721,361	620	84	2
11	18	20		652	838,566	749			563	722,040	679	70	2
12	18	20		643	839,217	651			558	722,604	564	87	2
13	16	18		653	839,909	692			564	723,214	610	82	2
14	20	20		632	840,541	632			541	723,787	573	59	2
15	20	20		659	841,201	660			591	724,381	594	66	2
16	20	20		650	841,798	597			602	724,934	553	44	2
17	20	20											2
18	18	20											2
19	20	20											2
20	20	20											2
21	20	20											2
22	20	22											2
23	18	20											2
24	23	25											2
25	23	24											2
26	23	26											2
27	20	27											2
28	18	20											2
29	18	20											2
30	17	20											1
31	18	20											1
Total						10,314					9,173	1,141	
Avg				657		645			583		573	71	
Min				630		441			541		339	43	
Max				751		749			616		679	102	

NOTE: Flow Meters N/S

Day	Raw #1		Distribution Loop #2										
	S	TR	Supply				Return					Station	Duty HL
	PSI	PSI	PSI	Flow m ³ /d	Read m ³	Total m ³	PSI	0 ^F	Flow m ³ /d	Read m ³	Total m ³	Use m ³	
1	22	22											1
2	18	20											1
3	20	22											1
4	21	22											1
5	16	20											1
6	20	22											1
7	20	22											1
8	20	21											1
9	20	22											1
10	22	24		596	4,859	596			546	395	546	50	1
11	22	24		614	5,441	582			500	903	508	74	1
12	18	20		549	6,035	594			489	1,418	515	79	1
13	24	26		581	6,539	504			520	1,863	445	59	1
14	16	22		605	7,139	600			514	2,387	524	76	1
15	22	23		597	7,796	657			493	2,947	560	97	1
16	22	24		554	8,382	586			519	3,453	506	80	1
17	22	22		590	8,967	585			481	3,952	499	86	1
18	23	24		593	9,486	519			528	4,401	449	70	1
19	24	22		630	10,179	693			453	4,973	572	121	1
20	22	22		654	10,379	200			503	5,498	525	-325	1
21	55	58		631	10,960	581			504	5,994	496	85	1
22	22	22		604	11,570	610			493	6,506	512	98	1
23	22	22		580	12,101	531			467	6,947	441	90	2
24	22	22		617	12,724	623			511	7,470	523	100	1
25	20	22		619	13,327	603			390	7,985	515	88	1
26	20	22		607	13,899	572			485	8,466	481	91	1
27	21	20		614	14,528	629			645	8,988	522	107	1
28	10	12		570	15,098	570			528	9,539	551	19	1
29	20	22		588	15,703	605			494	10,023	484	121	1
30	17	20		592	16,272	569			498	10,506	483	86	1
31	21	24		575	16,838	566			458	10,984	478	88	1
Total						12,575					11,135	1,440	
Avg				598		572			501		506	65	
Min				549		200			390		441	-325	
Max				654		693			645		572	121	

NOTE: Flow Meters N/S

Month Oct.		Year		2016		P Page 2 of 4 - PLANT PHYSICAL CHECKS									
Day	Raw #1		Distribution Loop #2												
	S	TR	Supply				Return					Station Use m³	Duty HL		
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³				
1	14	20		649	34,677	589			484	25917	480	109	1		
2	14	22		501	35,310	633			472	26441	524	109	1		
3	12	20		604	35,943	633			487	26976	535	98	1		
4	12	20		592	36,398	455			488	27362	386	69	1		
5	12	20		573	37,013	615			480	27883	521	94	1		
6	14	24		581	37,590	577			493	28372	489	88	1		
7	14	22		594	38,200	610			491	28,884	512	98	1		
8	12	20		574	38,731	531			491	29,344	460	71	1		
9	12	20		572	39,348	617			483	29,874	530	87	1		
10	14	35		583	39,831	483			482	30,296	422	61	1		
11	12	24		627	40,441	438			490	30,817	521	-83	1		
12	14	20		585	41,013	572			499	31,310	493	79	1		
13	12	22		624	41,602	589			517	31,821	511	78	1		
14	12	22		596	42,197	595			498	32,336	515	80	1		
15	14	20		570	42,737	540			495	32,806	470	70	1		
16	14	21		588	43,288	551			494	33,283	477	74	1		
17	14	20		606	43,917	629			492	33,820	537	92	1		
18	14	20		573	44,413	496			496	34,248	428	68	1		
19	12	20		571	44,985	572			460	34,738	490	82	1		
20	15	24		599	45,651	666			432	35,299	561	105	1		
21	12	20		583	46,199	548			456	35,765	466	82	1		
22	12	20		587	46,684	485			472	36,183	418	67	1		
23	12	20		554	47,207	523			479	36,635	452	71	1		
24	20	20		559	47,837	472			472	37,178	543	-71	1		
25	12	20		519	48,393	556			459	37,670	492	64	1		
26	20	25		552	48,985	592			482	38,161	491	101	1		
27	15	28		565	49,550	565			475	38,647	486	79	1		
28	12	22		576	50,085	535			447	39,098	451	84	1		
29	14	22		581	50,582	497			471	39,523	425	72	1		
30	12	20		587	51,145	563			488	40,011	488	75	1		
31	16	20		563	51,781	636			477	40,556	545	91	1		
Total						17,363					15,119	2,244			
Avg				580		560			481		488	72			
Min				501		438			432		386	-83			
Max				649		666			517		561	109			

Month NOV		Year 2016		P Page 2 of 4 - PLANT PHYSICAL CHECKS									
Day	Raw #1		Distribution Loop #2										
	S	TR	Supply				Return						Duty HL
	PSI	PSI	PSI	Flow m³/d	Read m³	Total m³	PSI	0°F	Flow m³/d	Read m³	Total m³	2	
1	20	25		654	52,365	483			496	41053	380	103	2
2	20	25		599	52,950	585			561	41557	322	263	2
3	20	23		613	53,533	583			483	42053	312	271	2
4	20	24		586	54,118	585			479	42543	490	95	2
5	20	25		585	54,624	506			513	42975	432	74	2
6	20	22		572	55,203	579			500	43475	500	79	2
7	20	20		594	55,880	677			583	44,058	583	94	2
8	20	24		594	56,388	508			437	44,495	437	71	2
9	20	24		561	57,040	652			489	45,055	560	92	2
10	20	24		560	57,618	578			488	45,541	486	92	2
11	16	20		558	58,086	438			482	45,954	413	25	2
12	23	23		555	58,651	565			482	46,441	487	78	2
13	22	24		564	59,213	562			493	46,931	490	72	2
14	18	22		600	59,862	649			491	47,489	558	91	1
15	19	20		604	60,481	619			513	48,027	538	81	2
16	19	20		627	61,042	561			506	48,514	487	74	2
17	18	20		584	61,625	583			500	49,020	506	77	2
18	19	22		586	62,207	582			505	49,504	484	98	2
19	21	21		583	62,711	504			497	49,963	459	45	2
20	21	21		577	63,287	576			500	50,466	503	73	2
21	21	22		589	63,923	636			504	51,017	551	85	2
22	20	22		567	64,512	589			500	51,523	506	83	2
23	20	22		573	65,091	579			502	52,015	492	87	2
24	20	22		570	65,687	472			501	52,524	509	-37	2
25	20	22		568	66,266	579			494	53,017	493	86	2
26	20	22		580	66,767	501			495	53,450	433	68	2
27	20	22		580	67,349	582			497	53,955	505	77	2
28	19	21		559	67,965	616			491	54,494	539	77	2
29	19	22		602	68,547	582			492	54,996	502	80	2
30	20	21		574	69,118	571			476	55,498	502	69	2
Total						17,082						14,459	2,623
Avg						584						482	87
Min						555						312	-37
Max						654						583	271

Month Dec		Year 2015		P Page 2 of 4 - PLANT PHYSICAL CHECKS											
Day	Raw *1		Distribution Loop *2												
	S	TR	Supply				Return					Station Use m ³	Duty HL		
	PSI	PSI	PSI	Flow m ³ /d	Read m ³	Total m ³	PSI	0 ^F	Flow m ³ /d	Read m ³	Total m ³				
1	46	48		606	69,667	490			520	55979	380	110	1		
2	16	19		595	70,250	513			483	56480	324	189	2		
3	20	22		556	70,763	493			484	56925	422	71	2		
4	26	30		560	71,283	392			477	57376	409	-17	2		
5	25	26		577	71,949	373			473	57941	323	50	2		
6	50	61		561	72,461	391			475	58386	382	9	2		
7	20	21		584	72,950	451			488	58,824	433	18	2		
8	18	18		582	73,620	380			494	59,384	347	33	2		
9	20	18		576	74,145	426			473	59,845	397	29	2		
10	18	20		576	74,725	397			477	60,339	346	51	2		
11	18	20		592	75,275	457			466	60,816	355	102	2		
12	18	20		596	75,850	390			505	61,302	309	81	2		
13	18	20		583	76,447	427			502	61,805	352	75	2		
14	18	20		581	77,030	459			495	62,307	382	77	2		
15	18	20		578	77,597	407			500	62,788	341	66	2		
16	18	20		577	78,155	438			487	63,271	373	65	2		
17	18	20		672	78,737	393			493	63,778	342	51	2		
18	18	20		612	79,333	434			480	64,295	365	69	2		
19	18	20		639	80,010	403			449	64,866	310	93	2		
20	18	20		606	80,417	457			496	65,223	382	75	2		
21	18	20		591	81,075	486			507	65,793	377	109	2		
22	18	20		588	81,593	447			502	66,245	358	89	2		
23	18	20		581	82,336	446			497	66,890	349	97	2		
24	18	20		578	82,755	436			492	67,285	347	89	2		
25	18	20		574	83,313	389			491	67,734	342	47	2		
26	18	20		567	83,867	433			495	68,218	357	76	2		
27	18	20		639	84,483	425			426	68,758	357	68	2		
28	18	20		588	85,095	421			510	69,287	360	61	2		
29	18	20		584	85,666	434			498	69,779	364	70	2		
30	18	20		570	86,237	584			493	70,276	495	89	2		
31	18	20		611	86,822	255			514	70,788	224	31	2		
Total						13,327						11,204	2,123		
Avg						434	430						361	68	
Min						381	255						224	-17	
Max						566	584						495	189	