

5/27/2016

24-hour

Developed Conditions Model #1 Analysis Points (AMAFCA White Paper Methodolgy - BHI 2015)										
Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)
		Unbulked	Bulked					Unbulked	Bulked	
AP1 (QR3_15)						AP6 (PW_VRW3)				
2	1.8%	759	772	61		2	4.7%	1,721	1,802	208
10	2.7%	1,525	1,566	120		10	8.1%	3,467	3,748	394
100	3.6%	2,840	2,942	211		100	11.9%	6,217	6,957	668
AP2 (QR3_20)						AP7 (PW14_VRW3)				
2	3.2%	791	817	71		2	6.9%	1,815	1,940	231
10	4.6%	1,512	1,581	136		10	10.6%	3,693	4,085	434
100	6.8%	2,651	2,832	234		100	16.1%	6,619	7,685	734
AP3 (QR3_24)- QRP						AP8 (VR_TV1_PW)				
2	6.0%	1,228	1,301	116		2	6.9%	1,855	1,983	242
10	9.9%	2,395	2,632	222		10	10.6%	3,797	4,199	454
100	13.2%	4,288	4,853	379		100	16.1%	6,802	7,897	766
AP4 (QR3_25_PW4)						AP9 (VR_TV1_PW_SEV)				
2	11.1%	1,273	1,414	125		2	7.5%	1,866	2,005	245
10	17.7%	2,473	2,910	238		10	10.8%	3,824	4,237	461
100	22.4%	4,381	5,363	406		100	13.1%	6,853	7,750	776
AP5 (PW1_12)						AP10 (SWINBURNE_INFLOW)				
2	6.0%	1,692	1,794	200		2	8.1%	1,931	2,087	296
10	8.4%	3,395	3,680	379		10	11.1%	3,907	4,340	557
100	12.1%	6,085	6,821	643		100	14.9%	6,951	7,987	941

* Bulking Factors were updated on 3/24/16, values provided by Tetra Tech in the AMAFCA comment/response letter for DCM#2

* Bulking factors provided on 5/13/16 by Tetra Tech. SJG confirmed/edited as needed to match Tetra tech's numbers. Highlighted yellow if confirmed/edited.

6-hr storms

6-hr storms

24-hr storms

1999 Developed Conditions Analysis Points AHYMO						2015 Developed Conditions Model #1 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)						2015 Developed Conditions Model #3 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)				
Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac- ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)
		Unbulked	Bulked					Unbulked	Bulked					Unbulked	Bulked	
Concentration Point 4						AP2 (QR3_20)						AP2 (QR3_20)				
2	--	540	870	48		2	3.2%	737	761	52		2	3.20%	791	817	71
5	--	930	1,680	76		5	4.0%	--	--	--		5	4.00%	1,189	1,236	107
10	--	1,280	2,300	99		10	4.6%	1,431	1,497	103		10	4.60%	1,512	1,581	136
25	--	1,780	3,380	132		25	5.5%	--	--	--		25	5.50%	1,938	2,044	174
50	--	2,160	2,380	157		50	6.1%	--	--	--		50	6.10%	2,279	2,417	203
100	--	2,560	2,820	184		100	6.8%	2,531	2,703	187		100	6.80%	2,651	2,832	234
Concentration Point 2							AP4 (QR3_25_PW4)						AP4 (QR3_25_PW4)			
2	--	610	980	66		2	11.1%	1,182	1,313	92		2	11.10%	1,273	1,414	125
5	--	1,070	1,930	106		5	13.6%	--	--	--		5	13.60%	1,940	2,203	188
10	--	1,480	2,680	139		10	17.7%	2,350	2,765	183		10	17.70%	2,473	2,910	238
25	--	2,110	4,010	185		25	18.8%	--	--	--		25	18.80%	3,181	3,779	303
50	--	2,550	2,800	221		50	20.7%	--	--	--		50	20.70%	3,754	4,531	353
100	--	2,990	3,290	258		100	22.4%	4,191	5,130	327		100	22.40%	4,381	5,363	406
Concentration Point 1							AP5 (PW1_12)						AP5 (PW1_12)			
2	--	870	1,370	120		2	6.0%	1,564	1,658	148		2	6.00%	1,692	1,794	200
5	--	1,530	2,750	192		5	7.4%	--	--	--		5	7.40%	2,634	2,829	299
10	--	2,120	3,820	250		10	8.4%	3,209	3,479	292		10	8.40%	3,395	3,680	379
25	--	3,130	5,950	334		25	9.5%	--	--	--		25	9.50%	4,393	4,810	482
50	--	3,770	4,150	397		50	10.9%	--	--	--		50	10.90%	5,200	5,766	560
100	--	4,460	4,910	465		100	12.1%	5,824	6,528	521		100	12.10%	6,085	6,821	643
Concentration Point L							AP9 (VR_TVI_PW_SEV)						AP9 (VR_TVI_PW_SEV)			
2	--	910	1,460	142		2	7.5%	1,709	1,837	183		2	7.50%	1,866	2,005	245
5	--	1,610	3,000	227		5	9.4%	--	--	--		5	9.40%	2,950	3,228	365
10	--	2,220	4,000	296		10	10.8%	3,592	3,980	358		10	10.80%	3,824	4,237	461
25	--	3,350	6,370	395		25	11.0%	--	--	--		25	11.00%	4,955	5,499	584
50	--	4,070	4,480	472		50	11.7%	--	--	--		50	11.70%	5,864	6,550	677
100	--	4,810	5,290	551		100	13.1%	6,556	7,415	631		100	13.10%	6,853	7,750	776
Concentration Point 0							AP10 (SWINBURNE_INFLOW)						AP10 (SWINBURNE_INFLOW)			
2	--	970	1,540	188		2	8.1%	1,772	1,915	220		2	8.10%	1,931	2,087	296
5	--	1,680	3,020	295		5	9.8%	--	--	--		5	9.80%	3,026	3,322	441
10	--	2,310	4,160	380		10	11.1%	3,672	4,079	433		10	11.10%	3,907	4,340	557
25	--	3,470	6,590	498		25	12.7%	--	--	--		25	12.70%	5,046	5,686	706
50	--	4,200	4,620	587		50	13.9%	--	--	--		50	13.90%	5,960	6,788	820
100	--	4,950	5,450	680		100	14.9%	6,653	7,645	765		100	14.90%	6,951	7,987	941

* Bulking Factors were updated on 11/2/15, values provided by Tetra Tech. Additional bulking factors for 24 hr storm will need to be obtained.

* Bulking factors provided on 5/13/16 by Tetra Tech. SJG confirmed/edited as needed to match Tetra tech's numbers. Highlighted yellow if confirmed/edited.

WBCA - DCM#1 Peak Discharge Summary for all 24-hr Events

5/27/2016

DCM#1

DCM#1 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR9_P	0.3345	214	0	0	29	4	137	11
	QR9_I	0.2966	190	186	14	362	25	600	38
	QR9	0.6311	404	186	14	382	28	724	49
	QR7_P	0.284053	182	0	0	13	2	81	8
	QR7_I	0.1862	119	109	9	213	15	353	24
	QR7	0.470253	301	109	9	220	18	424	32
	QR8_P	0.2071	133	0	0	10	2	58	6
	QR8_I	0.1122	72	64	5	125	9	207	15
	QR8	0.3193	204	64	5	130	11	258	20
	QR7_9	1.420653	909	357	28	729	57	1,396	101
	RT.QR8	1.420653	909	353	28	714	56	1,349	101
	QR4_P	0.2437	156	0	0	13	2	69	7
	QR4_I	0.2249	144	117	10	228	19	378	29
	QR4	0.4686	300	117	11	236	21	439	36
	QR6_I	0.1436	92	87	7	169	12	279	19
	QR6_P	0.137	88	0	0	11	2	54	5
	QR6	0.2806	180	87	7	177	13	328	23
	QR1_I	0.1372	88	91	6	176	11	292	18
	QR1_P	0.1318	84	0	0	4	1	34	3
	QR1	0.269	172	91	6	178	12	319	21
	RT.QR1	0.269	172	90	6	177	12	317	21
	QR3_P	0.1003	64	0	0	4	1	29	3
	QR3_I	0.0952	61	63	4	123	8	203	12
	QR3	0.1955	125	63	4	125	9	228	15
	RT.QR3	0.1955	125	63	4	124	9	227	15
	QR2_I	0.0325	21	25	2	48	3	79	4
	QR2_P	0.0312	20	0	0	2	0	11	1
	QR2	0.0637	41	25	2	49	3	89	5
	QR3_6	1.2774	818	369	30	737	58	1,354	100
	QR15_P	0.0668	43	0	0	6	1	26	2
	QR15_I	0.0627	40	37	3	72	5	119	8
	QR15	0.1295	83	37	3	76	6	142	10
AP1	QR3_15	2.827553	1,810	759	61	1,525	120	2,840	211
	RT.QR4	2.827553	1,810	683	60	1,296	117	2,276	202
	QR20_I	0.2242	143	109	10	212	19	351	29
	QR20_P	0.0961	62	0	0	6	1	28	3
	QR20	0.3203	205	109	11	216	19	376	32
AP2	QR3_20	3.147853	2,015	791	71	1,512	136	2,651	234
	RT.QR20	3.147853	2,015	789	71	1,506	136	2,635	234
	QR23_I	0.238	152	134	11	261	20	432	31
	QR23_P	0.2265	145	0	0	5	1	45	5
	QR23	0.4645	297	134	11	262	21	468	36
	QR24_P	0.2066	132	0	0	5	1	43	4
	QR24_I	0.1995	128	119	9	231	17	383	26
	QR24	0.4061	260	119	9	232	18	417	30

WBCA - DCM#1 Peak Discharge Summary for all 24-hr Events

DCM#1

DCM#1 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR21_I	0.1826	117	84	9	163	15	271	24
	QR21_P	0.1435	92	0	0	10	2	43	5
	QR21	0.3261	209	84	9	171	17	310	28
	RT.QR21	0.3261	209	84	9	171	17	310	28
	QR26_I	0.1547	99	90	7	175	13	289	20
	QR26_P	0.0797	51	0	0	7	1	30	3
	QR26	0.2344	150	90	7	179	14	317	23
	QR25_P	0.1312	84	0	0	1	0	18	2
	QR25_I	0.1024	66	75	5	145	9	240	13
	QR25	0.2336	150	75	5	145	9	251	15
	QR27_I	0.0925	59	53	4	103	8	170	12
	QR27_P	0.0478	31	0	0	4	1	18	2
	QR27	0.1403	90	53	4	106	8	186	14
AP3-QRP	QR3_24	4.952853	3,170	1,228	116	2,395	222	4,288	379
	RT.QR24	4.952853	3,170	1,216	116	2,359	221	4,178	378
	PW4_P	0.2187	140	0	0	0	0	10	2
	PW4_I	0.2035	130	136	9	265	17	439	26
	PW4	0.4222	270	136	9	265	17	441	28
AP4	QR3_25_PW4	5.375053	3,440	1,273	125	2,473	238	4,381	406
	RT.PW4	5.375053	3,440	1,261	125	2,442	238	4,293	404
	PW3_P	0.1919	123	0	0	16	2	87	6
	PW3_I	0.1536	98	117	7	227	13	376	20
	PW3	0.3455	221	117	7	237	15	454	26
	PW2_I	0.0511	33	41	2	80	4	132	7
	PW2_P	0.0494	32	0	0	5	1	26	2
	PW2	0.1005	64	41	2	83	5	156	8
	QR26_PW3	0.446	285	158	10	319	19	609	34
	RT.PW3	0.446	285	155	10	311	19	582	34
	PW7_I	0.2944	188	196	14	382	24	633	38
	PW7_P	0.1809	116	0	0	16	2	79	6
	PW7	0.4753	304	196	14	394	26	704	44
	PW6_I	0.2457	157	144	11	280	20	464	32
	PW6_P	0.2093	134	3	1	36	4	122	9
	PW6	0.455	291	145	12	312	24	581	41
	PW1_I	0.0684	44	51	3	100	6	166	9
	PW1_P	0.0352	23	0	0	4	0	17	1
	PW1	0.1036	66	51	3	102	6	181	10
	PW3_PW7	1.4799	947	521	39	1,072	76	1,965	129
	RT.PW7	1.4799	947	519	39	1,067	76	1,952	129
	PW10_I	0.2594	166	179	12	348	21	577	34
	PW10_P	0.1486	95	0	0	5	1	40	3
	PW10	0.408	261	179	12	350	22	608	37
	PW12_I	0.2062	132	134	10	262	17	433	27
	PW12_P	0.1395	89	0	0	15	2	65	5
	PW12	0.3457	221	134	10	272	19	493	32
	PW5_I	0.1171	75	87	5	170	10	281	15

WBCA - DCM#1 Peak Discharge Summary for all 24-hr Events

DCM#1

DCM#1 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW5_P	0.0635	41	0	0	0	0	9	1
	PW5	0.1806	116	87	5	170	10	286	16
	PW5.1_I	0.0097	6	9	1	18	1	29	1
	PW5.1_P	0.0068	4	0	0	0	0	0	0
	PW5.1	0.0165	11	9	1	18	1	29	1
	PW5_5.1	0.1971	126	94	6	184	11	309	17
	RT.PW5	0.1971	126	94	6	183	11	308	18
	PW9_I	0.0738	47	54	3	104	6	173	10
	PW9_P	0.0465	30	0	0	2	0	15	1
	PW9	0.1203	77	54	3	105	6	185	11
	PW9.1_I	0.0056	4	6	0	11	1	18	1
	PW9.1_P	0.0039	2	0	0	0	0	0	0
	PW9.1	0.0095	6	6	0	11	1	18	1
	PW9_9.1	0.1298	83	57	4	112	7	196	12
	PW5_9	0.3269	209	145	10	288	18	497	29
	RT.PW9	0.3269	209	144	10	287	18	495	29
	PW8_I	0.072	46	46	3	90	6	150	9
	PW8_P	0.06108	39	0	0	0	0	6	1
	PW8	0.13308	85	46	3	90	6	153	10
	PW10.2_I	0.0089	6	6	0	12	1	19	1
	PW10.2_P	0.0055	4	0	0	0	0	0	0
	PW10.2	0.0144	9	6	0	12	1	19	1
	PW10.1_I	0.0037	2	4	0	7	0	12	1
	PW10.1_P	0.0021	1	0	0	0	0	0	0
	PW10.1	0.0058	4	4	0	7	0	12	1
AP5	PW1_12	8.088833	5,177	1,692	200	3,395	379	6,085	643
	RT.PW10	8.088833	5,177	1,685	200	3,378	378	6,037	641
	VRW3_I	0.1758	113	112	8	219	15	363	23
	VRW3_P	0.1745	112	0	0	4	1	39	4
AP6	PW_VRW3	8.439133	5,401	1,721	208	3,467	394	6,217	668
	VRW3	0.3503	224	112	8	220	15	393	26
	RT.VRW3	8.439133	5,401	1,716	208	3,456	393	6,181	666
	PW15_I	0.2323	149	150	11	292	19	484	30
	PW15_P	0.1688	108	0	0	0	0	7	1
	PW15	0.4011	257	150	11	292	19	485	31
	PW14.1_I	0.1245	80	80	6	155	10	257	16
	PW14.1_P	0.0879	56	0	0	3	1	22	2
	PW14.1	0.2124	136	80	6	156	11	275	18
	PW13_I	0.0313	20	20	2	38	3	64	4
	PW13_P	0.0238	15	0	0	1	0	5	1
	PW13	0.0551	35	20	2	39	3	68	5
	PW14.2_I	0.0149	10	10	1	20	1	33	2
	PW14.2_P	0.0095	6	0	0	0	0	1	0
	PW14.2	0.0244	16	10	1	20	1	34	2
	PW13_14.2	0.0795	51	30	2	58	4	101	7
	RT.PW13	0.0795	51	30	2	58	4	100	7

WBCA - DCM#1 Peak Discharge Summary for all 24-hr Events

DCM#1

DCM#1 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW13_14.1	0.2919	187	85	8	179	15	335	25
	RT.PW14.1	0.2919	187	85	8	179	15	334	25
	PW14_I	0.0692	44	45	3	88	6	146	9
	PW14_P	0.0499	32	0	0	0	0	2	0
	PW14	0.1191	76	45	3	88	6	146	9
	PW15.1_I	0.0144	9	13	1	26	1	43	2
	PW15.1_P	0.0089	6	0	0	0	0	0	0
	PW15.1	0.0233	15	13	1	26	1	43	2
AP7	PW14_VRW3	9.274533	5,936	1,815	231	3,693	434	6,619	734
	RT.PW14	9.274533	5,936	1,813	231	3,687	434	6,597	733
	VR5_I	0.1379	88	80	6	155	11	257	18
	VR5_P	0.1197	77	0	0	0	0	10	1
	VR5	0.2576	165	80	6	155	12	263	19
	TVI1_I	0.05	32	33	2	64	4	106	7
	TVI1_P	0.0459	29	0	0	0	0	2	0
	TVI1	0.0959	61	33	2	64	4	106	7
	TVI1.1_I	0.0487	31	36	2	71	4	117	6
	TVI1.1_P	0.0149	10	0	0	0	0	2	0
	TVI1.1	0.0636	41	36	2	71	4	119	7
	TVI_TOTAL	0.1595	102	68	5	133	8	222	13
	RT.TVI	0.1595	102	68	5	133	8	221	13
AP8	VR_TVI_PW	9.691633	6,203	1,855	242	3,797	454	6,802	766
	RT.VR5	9.691633	6,203	1,855	242	3,795	454	6,796	766
	SEV1_P	0.0904	58	0	0	0	0	3	1
	SEV1_I	0.0792	51	52	4	101	7	167	10
	SEV1	0.1696	109	52	4	101	7	168	11
AP9	VR_TVI_PW_SEV	9.861233	6,311	1,866	245	3,824	461	6,853	776
	RT.SEV1	9.861233	6,311	1,865	246	3,824	461	6,850	777
	VRW1_I	0.1758	113	116	8	225	15	373	23
	VRW1_P	0.1559	100	0	0	8	1	50	4
	VRW1	0.3317	212	116	8	229	16	415	27
	PW11_I	0.0825	53	58	4	112	7	185	11
	PW11_P	0.0444	28	2	0	15	1	41	3
	PW11	0.1269	81	59	4	126	8	226	13
	RT.PW11	0.1269	81	59	4	125	8	225	13
	RT.PW11A	0.1269	81	58	4	125	8	223	13
	PW11_VRW1	0.4586	294	161	12	339	24	623	40
	RT.VRW1	0.4586	294	161	12	338	24	622	40
	VRW2_I	0.1139	73	73	5	141	9	234	15
	VRW2_P	0.0864	55	0	0	1	0	15	2
	VRW2	0.2003	128	73	5	141	10	245	16
	RT.VRW2	0.2003	128	72	5	141	10	245	16
	RT.VRW2A	0.6589	422	230	18	476	33	865	56
	VR2_I	0.1377	88	90	6	176	11	291	18
	VR2_P	0.1126	72	0	0	1	0	15	2
	VR2	0.2503	160	90	6	176	12	300	20

WBCA - DCM#1 Peak Discharge Summary for all 24-hr Events

DCM#1

DCM#1 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	VRW1_2_VR2	0.9092	582	308	24	633	45	1,144	76
	RT.VR2	0.9092	582	308	24	633	45	1,141	76
	VR4_I	0.1367	87	71	6	138	11	229	18
	VR4_P	0.1165	75	1	0	14	2	51	5
	VR4	0.2532	162	71	7	149	13	277	22
	VR1_I	0.0497	32	36	2	70	4	116	6
	VR1_P	0.036	23	0	0	5	1	20	1
	VR1	0.0857	55	36	2	74	5	135	8
	VRW_VR1_4	1.2481	799	402	33	834	63	1,515	106
	VR3_I	0.1746	112	107	8	209	14	346	23
	VR3_P	0.153	98	0	0	4	1	33	3
	VR3	0.3276	210	107	8	210	15	371	26
	VR6_P	0.1236	79	5	1	32	3	88	7
	VR6_I	0.0691	44	37	3	73	6	121	9
	VR6	0.1927	123	41	4	103	9	207	16
	Las Ventanas Dam	1.7684	1,132	51	45	64	87	72	148
	RT.LVDD	1.7684	1,132	51	45	64	87	72	148
	VR7_I	0.1062	68	59	5	115	9	190	14
	VR7_P	0.0886	57	0	0	0	0	10	1
	VR7	0.1948	125	59	5	115	9	197	15
	Little Window Dam	0.1948	125	16	5	24	9	30	15
	LVDD_LWD	1.9632	1,256	66	50	87	96	102	163
	RT.LWD	1.9632	1,256	66	50	87	96	102	163
	SEV2_P	0.0476	30	0	0	0	0	2	0
	SEV2_I	0.0076	5	6	0	12	1	20	1
	SEV2	0.0552	35	6	0	12	1	20	1
AP10	SWINBURNE_INFLOW	11.87963	7,603	1,931	296	3,907	557	6,951	941

Project: DCM#1 Simulation Run: WBCA_DEV_100YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 100_YR
 Compute Time: 17May2016, 19:59:54 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	136.9	01Jan2015, 06:21	10.9
QR9_I	0.2966	599.8	01Jan2015, 06:16	38.4
QR9	0.6311	724.2	01Jan2015, 06:17	49.4
QR7_P	0.284053	81.4	01Jan2015, 06:25	7.5
QR7_I	0.1862	353.4	01Jan2015, 06:18	24.1
QR7	0.470253	424.4	01Jan2015, 06:19	31.6
QR8_P	0.2071	57.8	01Jan2015, 06:26	5.5
QR8_I	0.1122	206.7	01Jan2015, 06:19	14.5
QR8	0.3193	257.5	01Jan2015, 06:21	20.0
QR7_9	1.420653	1396.3	01Jan2015, 06:18	101.0
RT.QR8	1.420653	1348.5	01Jan2015, 06:20	100.5
QR4_P	0.2437	69.0	01Jan2015, 06:29	6.9
QR4_I	0.2249	378.1	01Jan2015, 06:22	29.1
QR4	0.4686	439.4	01Jan2015, 06:23	36.1
QR6_I	0.1436	279.2	01Jan2015, 06:17	18.6
QR6_P	0.1370	54.0	01Jan2015, 06:23	4.5
QR6	0.2806	328.2	01Jan2015, 06:18	23.1
QR1_I	0.1372	291.9	01Jan2015, 06:15	17.8
QR1_P	0.1318	33.7	01Jan2015, 06:21	3.0
QR1	0.2690	319.1	01Jan2015, 06:16	20.8
RT.QR1	0.2690	317.3	01Jan2015, 06:17	20.7
QR3_P	0.1003	28.9	01Jan2015, 06:21	2.5
QR3_I	0.0952	203.4	01Jan2015, 06:15	12.3
QR3	0.1955	227.5	01Jan2015, 06:16	14.8
RT.QR3	0.1955	226.7	01Jan2015, 06:19	14.8
QR2_I	0.0325	79.3	01Jan2015, 06:12	4.2
QR2_P	0.0312	11.4	01Jan2015, 06:16	0.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	89.1	01Jan2015, 06:12	5.0
QR3_6	1.2774	1353.6	01Jan2015, 06:19	99.7
QR15_P	0.0668	25.6	01Jan2015, 06:24	2.2
QR15_I	0.0627	118.7	01Jan2015, 06:18	8.1
QR15	0.1295	142.0	01Jan2015, 06:19	10.3
QR3_15	2.827553	2840.1	01Jan2015, 06:19	210.5
RT.QR4	2.827553	2276.4	01Jan2015, 06:24	202.0
QR20_I	0.2242	351.0	01Jan2015, 06:25	29.0
QR20_P	0.0961	28.0	01Jan2015, 06:32	2.9
QR20	0.3203	376.1	01Jan2015, 06:25	32.0
QR3_20	3.147853	2651.4	01Jan2015, 06:24	233.9
RT.QR20	3.147853	2635.1	01Jan2015, 06:28	233.7
QR23_I	0.2380	432.0	01Jan2015, 06:19	30.8
QR23_P	0.2265	44.8	01Jan2015, 06:28	4.7
QR23	0.4645	468.3	01Jan2015, 06:20	35.6
QR24_P	0.2066	42.8	01Jan2015, 06:26	4.3
QR24_I	0.1995	382.5	01Jan2015, 06:18	25.8
QR24	0.4061	416.6	01Jan2015, 06:19	30.2
QR21_I	0.1826	270.7	01Jan2015, 06:27	23.7
QR21_P	0.1435	43.4	01Jan2015, 06:35	4.7
QR21	0.3261	310.4	01Jan2015, 06:28	28.4
RT.QR21	0.3261	310.1	01Jan2015, 06:31	28.4
QR26_I	0.1547	289.4	01Jan2015, 06:19	20.0
QR26_P	0.0797	30.3	01Jan2015, 06:24	2.6
QR26	0.2344	316.9	01Jan2015, 06:19	22.7
QR25_P	0.1312	18.4	01Jan2015, 06:21	1.9
QR25_I	0.1024	239.7	01Jan2015, 06:13	13.3
QR25	0.2336	251.4	01Jan2015, 06:13	15.2
QR27_I	0.0925	170.4	01Jan2015, 06:19	12.0
QR27_P	0.0478	17.9	01Jan2015, 06:25	1.6
QR27	0.1403	186.4	01Jan2015, 06:20	13.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	4287.5	01Jan2015, 06:25	379.1
RT.QR24	4.952853	4177.6	01Jan2015, 06:32	377.7
PW4_P	0.2187	9.5	01Jan2015, 06:34	1.5
PW4_I	0.2035	439.1	01Jan2015, 06:15	26.4
PW4	0.4222	441.3	01Jan2015, 06:15	27.9
QR3_25_PW4	5.375053	4381.4	01Jan2015, 06:31	405.6
RT.PW4	5.375053	4292.5	01Jan2015, 06:39	404.4
PW3_P	0.1919	86.5	01Jan2015, 06:15	5.9
PW3_I	0.1536	376.1	01Jan2015, 06:12	19.9
PW3	0.3455	454.1	01Jan2015, 06:12	25.8
PW2_I	0.0511	132.2	01Jan2015, 06:10	6.6
PW2_P	0.0494	26.0	01Jan2015, 06:14	1.6
PW2	0.1005	155.9	01Jan2015, 06:11	8.2
QR26_PW3	0.4460	608.6	01Jan2015, 06:12	34.0
RT.PW3	0.4460	582.3	01Jan2015, 06:20	33.8
PW7_I	0.2944	632.7	01Jan2015, 06:15	38.1
PW7_P	0.1809	78.9	01Jan2015, 06:19	5.9
PW7	0.4753	704.1	01Jan2015, 06:15	44.1
PW6_I	0.2457	464.4	01Jan2015, 06:18	31.8
PW6_P	0.2093	121.9	01Jan2015, 06:22	9.4
PW6	0.4550	580.7	01Jan2015, 06:19	41.2
PW1_I	0.0684	165.5	01Jan2015, 06:12	8.9
PW1_P	0.0352	17.3	01Jan2015, 06:16	1.2
PW1	0.1036	181.0	01Jan2015, 06:12	10.0
PW3_PW7	1.4799	1965.1	01Jan2015, 06:18	129.1
RT.PW7	1.4799	1952.2	01Jan2015, 06:21	129.1
PW10_I	0.2594	576.5	01Jan2015, 06:14	33.6
PW10_P	0.1486	39.6	01Jan2015, 06:20	3.4
PW10	0.4080	608.3	01Jan2015, 06:14	37.0
PW12_I	0.2062	433.4	01Jan2015, 06:15	26.7
PW12_P	0.1395	65.1	01Jan2015, 06:20	4.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	492.9	01Jan2015, 06:16	31.6
PW5_I	0.1171	280.6	01Jan2015, 06:12	15.2
PW5_P	0.0635	9.1	01Jan2015, 06:20	0.9
PW5	0.1806	285.9	01Jan2015, 06:12	16.1
PW5.1_I	0.0097	29.0	01Jan2015, 06:08	1.3
PW5.1_P	0.0068	0.3	01Jan2015, 06:30	0.0
PW5.1	0.0165	29.0	01Jan2015, 06:08	1.3
PW5_5.1	0.1971	309.0	01Jan2015, 06:12	17.4
RT.PW5	0.1971	307.9	01Jan2015, 06:15	17.5
PW9_I	0.0738	172.8	01Jan2015, 06:13	9.6
PW9_P	0.0465	14.6	01Jan2015, 06:18	1.1
PW9	0.1203	185.0	01Jan2015, 06:13	10.7
PW9.1_I	0.0056	18.1	01Jan2015, 06:06	0.7
PW9.1_P	0.0039	0.3	01Jan2015, 06:19	0.0
PW9.1	0.0095	18.1	01Jan2015, 06:06	0.8
PW9_9.1	0.1298	195.7	01Jan2015, 06:12	11.5
PW5_9	0.3269	496.6	01Jan2015, 06:15	28.9
RT.PW9	0.3269	494.9	01Jan2015, 06:18	28.9
PW8_I	0.0720	149.6	01Jan2015, 06:16	9.3
PW8_P	0.06108	5.7	01Jan2015, 06:28	0.7
PW8	0.13308	152.7	01Jan2015, 06:16	10.0
PW10.2_I	0.0089	19.0	01Jan2015, 06:15	1.2
PW10.2_P	0.0055	0.2	01Jan2015, 06:35	0.0
PW10.2	0.0144	19.1	01Jan2015, 06:15	1.2
PW10.1_I	0.0037	12.2	01Jan2015, 06:06	0.5
PW10.1_P	0.0021	0.1	01Jan2015, 06:29	0.0
PW10.1	0.0058	12.2	01Jan2015, 06:06	0.5
PW1_12	8.088833	6084.8	01Jan2015, 06:31	642.7
RT.PW10	8.088833	6036.5	01Jan2015, 06:35	641.1
VRW3_I	0.1758	362.5	01Jan2015, 06:16	22.8
VRW3_P	0.1745	38.6	01Jan2015, 06:23	3.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	6217.4	01Jan2015, 06:34	667.5
VRW3	0.3503	392.9	01Jan2015, 06:16	26.4
RT.VRW3	8.439133	6181.1	01Jan2015, 06:38	666.4
PW15_I	0.2323	484.0	01Jan2015, 06:15	30.1
PW15_P	0.1688	7.2	01Jan2015, 06:35	1.2
PW15	0.4011	485.4	01Jan2015, 06:16	31.3
PW14.1_I	0.1245	256.8	01Jan2015, 06:16	16.1
PW14.1_P	0.0879	21.9	01Jan2015, 06:23	2.0
PW14.1	0.2124	274.6	01Jan2015, 06:16	18.1
PW13_I	0.0313	63.7	01Jan2015, 06:16	4.1
PW13_P	0.0238	5.2	01Jan2015, 06:24	0.5
PW13	0.0551	67.7	01Jan2015, 06:17	4.6
PW14.2_I	0.0149	33.0	01Jan2015, 06:14	1.9
PW14.2_P	0.0095	1.1	01Jan2015, 06:24	0.1
PW14.2	0.0244	33.7	01Jan2015, 06:14	2.1
PW13_14.2	0.0795	100.7	01Jan2015, 06:16	6.6
RT.PW13	0.0795	100.2	01Jan2015, 06:26	6.7
PW13_14.1	0.2919	335.0	01Jan2015, 06:20	24.8
RT.PW14.1	0.2919	333.5	01Jan2015, 06:23	24.8
PW14_I	0.0692	145.6	01Jan2015, 06:15	9.0
PW14_P	0.0499	1.7	01Jan2015, 06:37	0.3
PW14	0.1191	145.8	01Jan2015, 06:15	9.3
PW15.1_I	0.0144	43.0	01Jan2015, 06:08	1.9
PW15.1_P	0.0089	0.4	01Jan2015, 06:23	0.1
PW15.1	0.0233	43.0	01Jan2015, 06:08	1.9
PW14_VRW3	9.274533	6619.3	01Jan2015, 06:36	733.7
RT.PW14	9.274533	6596.5	01Jan2015, 06:38	733.0
VR5_I	0.1379	257.2	01Jan2015, 06:19	17.9
VR5_P	0.1197	10.4	01Jan2015, 06:32	1.4
VR5	0.2576	263.3	01Jan2015, 06:19	19.3
TVI1_I	0.0500	106.0	01Jan2015, 06:15	6.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	1.6	01Jan2015, 06:37	0.3
TVI1	0.0959	106.2	01Jan2015, 06:15	6.8
TVI1.1_I	0.0487	117.3	01Jan2015, 06:12	6.3
TVI1.1_P	0.0149	2.1	01Jan2015, 06:20	0.2
TVI1.1	0.0636	118.6	01Jan2015, 06:12	6.5
TVI_TOTAL	0.1595	221.5	01Jan2015, 06:13	13.3
RT.TVI	0.1595	221.1	01Jan2015, 06:14	13.3
VR_TVI_PW	9.691633	6801.9	01Jan2015, 06:36	765.5
RT.VR5	9.691633	6795.9	01Jan2015, 06:38	765.5
SEV1_P	0.0904	3.1	01Jan2015, 06:37	0.5
SEV1_I	0.0792	167.3	01Jan2015, 06:15	10.3
SEV1	0.1696	167.7	01Jan2015, 06:15	10.8
VR_TVI_PW_SEV	9.861233	6852.6	01Jan2015, 06:38	776.3
RT.SEV1	9.861233	6849.9	01Jan2015, 06:40	776.5
VRW1_I	0.1758	372.5	01Jan2015, 06:15	22.8
VRW1_P	0.1559	49.7	01Jan2015, 06:21	4.1
VRW1	0.3317	414.8	01Jan2015, 06:16	26.9
PW11_I	0.0825	185.0	01Jan2015, 06:14	10.7
PW11_P	0.0444	41.4	01Jan2015, 06:16	2.5
PW11	0.1269	225.5	01Jan2015, 06:14	13.2
RT.PW11	0.1269	224.8	01Jan2015, 06:18	13.2
RT.PW11A	0.1269	224.4	01Jan2015, 06:19	13.2
PW11_VRW1	0.4586	631.3	01Jan2015, 06:17	40.1
RT.VRW1	0.4586	630.5	01Jan2015, 06:18	40.1
VRW2_I	0.1139	234.1	01Jan2015, 06:16	14.8
VRW2_P	0.0864	14.7	01Jan2015, 06:24	1.5
VRW2	0.2003	244.7	01Jan2015, 06:16	16.3
RT.VRW2	0.2003	244.5	01Jan2015, 06:18	16.3
RT.VRW2A	0.6589	874.0	01Jan2015, 06:19	56.4
VR2_I	0.1377	290.7	01Jan2015, 06:15	17.8
VR2_P	0.1126	14.7	01Jan2015, 06:25	1.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	299.8	01Jan2015, 06:15	19.5
VRW1_2_VR2	0.9092	1161.8	01Jan2015, 06:18	75.9
RT.VR2	0.9092	1159.0	01Jan2015, 06:20	75.9
VR4_I	0.1367	228.5	01Jan2015, 06:22	17.7
VR4_P	0.1165	51.1	01Jan2015, 06:28	4.6
VR4	0.2532	276.5	01Jan2015, 06:23	22.3
VR1_I	0.0497	115.9	01Jan2015, 06:13	6.4
VR1_P	0.0360	20.4	01Jan2015, 06:16	1.3
VR1	0.0857	134.9	01Jan2015, 06:13	7.8
VRW_VR1_4	1.2481	1533.4	01Jan2015, 06:19	106.0
VR3_I	0.1746	345.7	01Jan2015, 06:17	22.6
VR3_P	0.1530	32.6	01Jan2015, 06:25	3.2
VR3	0.3276	371.3	01Jan2015, 06:17	25.8
VR6_P	0.1236	88.2	01Jan2015, 06:24	7.0
VR6_I	0.0691	120.6	01Jan2015, 06:21	9.0
VR6	0.1927	207.0	01Jan2015, 06:22	15.9
Las Ventanas Dam	1.7684	72.3	01Jan2015, 07:50	147.8
RT.LVDD	1.7684	72.3	01Jan2015, 07:53	147.8
VR7_I	0.1062	190.0	01Jan2015, 06:20	13.8
VR7_P	0.0886	10.2	01Jan2015, 06:32	1.3
VR7	0.1948	196.9	01Jan2015, 06:20	15.0
Little Window Dam	0.1948	30.3	01Jan2015, 07:06	15.0
LVDD_LWD	1.9632	102.1	01Jan2015, 07:20	162.8
RT.LWD	1.9632	102.1	01Jan2015, 07:21	162.8
SEV2_P	0.0476	1.8	01Jan2015, 06:32	0.3
SEV2_I	0.0076	19.6	01Jan2015, 06:10	1.0
SEV2	0.0552	19.7	01Jan2015, 06:11	1.3
SWINBURNE_INFLOW	1.879633	6951.4	01Jan2015, 06:40	940.6

Project: DCM#1 Simulation Run: WBCA_DEV_50YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 50_YR
Compute Time: 17May2016, 19:50:22 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	96.5	01Jan2015, 06:22	8.4
QR9_I	0.2966	525.7	01Jan2015, 06:16	34.2
QR9	0.6311	610.6	01Jan2015, 06:17	42.6
QR7_P	0.284053	54.8	01Jan2015, 06:26	5.6
QR7_I	0.1862	309.7	01Jan2015, 06:18	21.5
QR7	0.470253	355.1	01Jan2015, 06:19	27.1
QR8_P	0.2071	38.9	01Jan2015, 06:27	4.1
QR8_I	0.1122	181.2	01Jan2015, 06:19	12.9
QR8	0.3193	213.6	01Jan2015, 06:20	17.0
QR7_9	1.420653	1171.7	01Jan2015, 06:18	86.7
RT.QR8	1.420653	1136.2	01Jan2015, 06:20	86.3
QR4_P	0.2437	47.5	01Jan2015, 06:31	5.2
QR4_I	0.2249	331.3	01Jan2015, 06:22	25.9
QR4	0.4686	371.9	01Jan2015, 06:23	31.2
QR6_I	0.1436	244.7	01Jan2015, 06:17	16.6
QR6_P	0.1370	38.1	01Jan2015, 06:24	3.5
QR6	0.2806	278.3	01Jan2015, 06:18	20.0
QR1_I	0.1372	255.9	01Jan2015, 06:15	15.8
QR1_P	0.1318	21.6	01Jan2015, 06:23	2.2
QR1	0.2690	271.8	01Jan2015, 06:15	18.0
RT.QR1	0.2690	270.4	01Jan2015, 06:17	18.0
QR3_P	0.1003	19.0	01Jan2015, 06:22	1.8
QR3_I	0.0952	178.3	01Jan2015, 06:15	11.0
QR3	0.1955	192.9	01Jan2015, 06:15	12.8
RT.QR3	0.1955	192.2	01Jan2015, 06:19	12.8
QR2_I	0.0325	69.6	01Jan2015, 06:12	3.7
QR2_P	0.0312	7.6	01Jan2015, 06:17	0.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	75.6	01Jan2015, 06:12	4.4
QR3_6	1.2774	1148.6	01Jan2015, 06:19	86.3
QR15_P	0.0668	18.1	01Jan2015, 06:25	1.7
QR15_I	0.0627	104.0	01Jan2015, 06:18	7.2
QR15	0.1295	120.0	01Jan2015, 06:19	8.9
QR3_15	2.827553	2401.3	01Jan2015, 06:19	181.6
RT.QR4	2.827553	1953.9	01Jan2015, 06:25	175.1
QR20_I	0.2242	307.6	01Jan2015, 06:25	25.8
QR20_P	0.0961	19.6	01Jan2015, 06:33	2.2
QR20	0.3203	324.7	01Jan2015, 06:25	28.1
QR3_20	3.147853	2278.5	01Jan2015, 06:25	203.1
RT.QR20	3.147853	2266.4	01Jan2015, 06:28	202.9
QR23_I	0.2380	378.6	01Jan2015, 06:19	27.4
QR23_P	0.2265	28.4	01Jan2015, 06:30	3.4
QR23	0.4645	399.8	01Jan2015, 06:20	30.9
QR24_P	0.2066	27.0	01Jan2015, 06:27	3.1
QR24_I	0.1995	335.3	01Jan2015, 06:18	23.0
QR24	0.4061	354.7	01Jan2015, 06:18	26.1
QR21_I	0.1826	237.2	01Jan2015, 06:27	21.0
QR21_P	0.1435	30.9	01Jan2015, 06:35	3.6
QR21	0.3261	264.7	01Jan2015, 06:28	24.7
RT.QR21	0.3261	264.5	01Jan2015, 06:31	24.7
QR26_I	0.1547	253.7	01Jan2015, 06:19	17.8
QR26_P	0.0797	21.4	01Jan2015, 06:25	2.0
QR26	0.2344	272.6	01Jan2015, 06:19	19.8
QR25_P	0.1312	10.2	01Jan2015, 06:24	1.3
QR25_I	0.1024	210.1	01Jan2015, 06:13	11.8
QR25	0.2336	214.9	01Jan2015, 06:13	13.1
QR27_I	0.0925	149.4	01Jan2015, 06:19	10.7
QR27_P	0.0478	12.6	01Jan2015, 06:26	1.2
QR27	0.1403	160.3	01Jan2015, 06:20	11.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3662.1	01Jan2015, 06:25	329.4
RT.QR24	4.952853	3583.2	01Jan2015, 06:32	328.3
PW4_P	0.2187	3.8	01Jan2015, 06:39	0.9
PW4_I	0.2035	385.0	01Jan2015, 06:15	23.5
PW4	0.4222	385.2	01Jan2015, 06:15	24.4
QR3_25_PW4	5.375053	3753.8	01Jan2015, 06:31	352.7
RT.PW4	5.375053	3688.0	01Jan2015, 06:39	351.8
PW3_P	0.1919	59.6	01Jan2015, 06:16	4.5
PW3_I	0.1536	329.8	01Jan2015, 06:12	17.7
PW3	0.3455	381.1	01Jan2015, 06:12	22.2
PW2_I	0.0511	115.9	01Jan2015, 06:10	5.9
PW2_P	0.0494	18.2	01Jan2015, 06:14	1.2
PW2	0.1005	131.9	01Jan2015, 06:11	7.1
QR26_PW3	0.4460	511.7	01Jan2015, 06:12	29.3
RT.PW3	0.4460	492.4	01Jan2015, 06:20	29.2
PW7_I	0.2944	554.7	01Jan2015, 06:15	33.9
PW7_P	0.1809	55.5	01Jan2015, 06:20	4.6
PW7	0.4753	603.2	01Jan2015, 06:15	38.5
PW6_I	0.2457	407.1	01Jan2015, 06:18	28.3
PW6_P	0.2093	91.6	01Jan2015, 06:23	7.5
PW6	0.4550	493.3	01Jan2015, 06:19	35.8
PW1_I	0.0684	145.1	01Jan2015, 06:12	7.9
PW1_P	0.0352	12.1	01Jan2015, 06:16	0.9
PW1	0.1036	155.5	01Jan2015, 06:12	8.8
PW3_PW7	1.4799	1673.0	01Jan2015, 06:18	112.3
RT.PW7	1.4799	1663.1	01Jan2015, 06:21	112.2
PW10_I	0.2594	505.4	01Jan2015, 06:14	29.9
PW10_P	0.1486	25.3	01Jan2015, 06:21	2.5
PW10	0.4080	524.0	01Jan2015, 06:14	32.4
PW12_I	0.2062	379.9	01Jan2015, 06:15	23.8
PW12_P	0.1395	46.5	01Jan2015, 06:20	3.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	421.2	01Jan2015, 06:16	27.5
PW5_I	0.1171	246.0	01Jan2015, 06:12	13.5
PW5_P	0.0635	5.0	01Jan2015, 06:23	0.6
PW5	0.1806	248.1	01Jan2015, 06:12	14.1
PW5.1_I	0.0097	25.4	01Jan2015, 06:08	1.1
PW5.1_P	0.0068	0.1	01Jan2015, 06:34	0.0
PW5.1	0.0165	25.4	01Jan2015, 06:08	1.1
PW5_5.1	0.1971	268.3	01Jan2015, 06:12	15.3
RT.PW5	0.1971	267.5	01Jan2015, 06:16	15.3
PW9_I	0.0738	151.5	01Jan2015, 06:13	8.5
PW9_P	0.0465	9.5	01Jan2015, 06:19	0.8
PW9	0.1203	158.9	01Jan2015, 06:13	9.4
PW9.1_I	0.0056	15.9	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.1	01Jan2015, 06:31	0.0
PW9.1	0.0095	15.9	01Jan2015, 06:06	0.7
PW9_9.1	0.1298	168.3	01Jan2015, 06:12	10.0
PW5_9	0.3269	429.1	01Jan2015, 06:15	25.3
RT.PW9	0.3269	427.3	01Jan2015, 06:18	25.4
PW8_I	0.0720	131.1	01Jan2015, 06:16	8.3
PW8_P	0.06108	3.0	01Jan2015, 06:33	0.5
PW8	0.13308	132.2	01Jan2015, 06:16	8.8
PW10.2_I	0.0089	16.7	01Jan2015, 06:15	1.0
PW10.2_P	0.0055	0.1	01Jan2015, 06:39	0.0
PW10.2	0.0144	16.7	01Jan2015, 06:15	1.0
PW10.1_I	0.0037	10.7	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 06:32	0.0
PW10.1	0.0058	10.7	01Jan2015, 06:06	0.4
PW1_12	8.088833	5199.7	01Jan2015, 06:31	559.6
RT.PW10	8.088833	5165.1	01Jan2015, 06:35	558.4
VRW3_I	0.1758	317.8	01Jan2015, 06:16	20.3
VRW3_P	0.1745	24.2	01Jan2015, 06:24	2.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	5315.4	01Jan2015, 06:34	581.3
VRW3	0.3503	335.0	01Jan2015, 06:16	22.9
RT.VRW3	8.439133	5290.0	01Jan2015, 06:39	580.5
PW15_I	0.2323	424.3	01Jan2015, 06:15	26.8
PW15_P	0.1688	2.9	01Jan2015, 06:40	0.7
PW15	0.4011	424.3	01Jan2015, 06:15	27.5
PW14.1_I	0.1245	225.1	01Jan2015, 06:16	14.3
PW14.1_P	0.0879	14.1	01Jan2015, 06:24	1.5
PW14.1	0.2124	235.7	01Jan2015, 06:16	15.8
PW13_I	0.0313	55.8	01Jan2015, 06:16	3.6
PW13_P	0.0238	3.3	01Jan2015, 06:25	0.4
PW13	0.0551	58.1	01Jan2015, 06:17	4.0
PW14.2_I	0.0149	29.0	01Jan2015, 06:14	1.7
PW14.2_P	0.0095	0.6	01Jan2015, 06:28	0.1
PW14.2	0.0244	29.2	01Jan2015, 06:14	1.8
PW13_14.2	0.0795	86.6	01Jan2015, 06:16	5.8
RT.PW13	0.0795	86.2	01Jan2015, 06:27	5.9
PW13_14.1	0.2919	284.0	01Jan2015, 06:21	21.7
RT.PW14.1	0.2919	283.0	01Jan2015, 06:23	21.7
PW14_I	0.0692	127.6	01Jan2015, 06:15	8.0
PW14_P	0.0499	0.6	01Jan2015, 06:43	0.2
PW14	0.1191	127.6	01Jan2015, 06:15	8.1
PW15.1_I	0.0144	37.7	01Jan2015, 06:08	1.7
PW15.1_P	0.0089	0.2	01Jan2015, 06:33	0.0
PW15.1	0.0233	37.7	01Jan2015, 06:08	1.7
PW14_VRW3	9.274533	5663.5	01Jan2015, 06:36	639.4
RT.PW14	9.274533	5647.4	01Jan2015, 06:38	638.9
VR5_I	0.1379	225.5	01Jan2015, 06:19	15.9
VR5_P	0.1197	5.5	01Jan2015, 06:37	0.9
VR5	0.2576	227.7	01Jan2015, 06:19	16.8
TVI1_I	0.0500	93.0	01Jan2015, 06:15	5.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	0.5	01Jan2015, 06:42	0.2
TVI1	0.0959	93.0	01Jan2015, 06:15	5.9
TVI1.1_I	0.0487	102.8	01Jan2015, 06:12	5.6
TVI1.1_P	0.0149	1.2	01Jan2015, 06:23	0.1
TVI1.1	0.0636	103.3	01Jan2015, 06:12	5.8
TVI_TOTAL	0.1595	193.4	01Jan2015, 06:13	11.7
RT.TVI	0.1595	193.0	01Jan2015, 06:14	11.7
VR_TVI_PW	9.691633	5821.7	01Jan2015, 06:37	667.4
RT.VR5	9.691633	5817.1	01Jan2015, 06:39	667.4
SEV1_P	0.0904	1.0	01Jan2015, 06:42	0.3
SEV1_I	0.0792	146.7	01Jan2015, 06:15	9.1
SEV1	0.1696	146.7	01Jan2015, 06:15	9.4
VR_TVI_PW_SEV	9.861233	5863.9	01Jan2015, 06:38	676.8
RT.SEV1	9.861233	5862.6	01Jan2015, 06:40	677.0
VRW1_I	0.1758	326.6	01Jan2015, 06:15	20.3
VRW1_P	0.1559	33.2	01Jan2015, 06:22	3.1
VRW1	0.3317	353.1	01Jan2015, 06:16	23.3
PW11_I	0.0825	162.2	01Jan2015, 06:14	9.5
PW11_P	0.0444	32.3	01Jan2015, 06:16	2.0
PW11	0.1269	193.6	01Jan2015, 06:14	11.6
RT.PW11	0.1269	193.2	01Jan2015, 06:18	11.6
RT.PW11A	0.1269	192.8	01Jan2015, 06:19	11.6
PW11_VRW1	0.4586	537.6	01Jan2015, 06:17	34.9
RT.VRW1	0.4586	536.9	01Jan2015, 06:18	35.0
VRW2_I	0.1139	205.2	01Jan2015, 06:16	13.1
VRW2_P	0.0864	8.8	01Jan2015, 06:26	1.1
VRW2	0.2003	210.6	01Jan2015, 06:16	14.2
RT.VRW2	0.2003	210.4	01Jan2015, 06:18	14.2
RT.VRW2A	0.6589	746.7	01Jan2015, 06:19	49.2
VR2_I	0.1377	254.9	01Jan2015, 06:15	15.9
VR2_P	0.1126	8.2	01Jan2015, 06:28	1.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	258.7	01Jan2015, 06:15	17.0
VRW1_2_VR2	0.9092	992.9	01Jan2015, 06:18	66.1
RT.VR2	0.9092	991.4	01Jan2015, 06:20	66.2
VR4_I	0.1367	200.2	01Jan2015, 06:22	15.8
VR4_P	0.1165	37.6	01Jan2015, 06:28	3.6
VR4	0.2532	235.0	01Jan2015, 06:23	19.4
VR1_I	0.0497	101.6	01Jan2015, 06:13	5.7
VR1_P	0.0360	14.8	01Jan2015, 06:17	1.1
VR1	0.0857	115.0	01Jan2015, 06:13	6.8
VRW_VR1_4	1.2481	1309.5	01Jan2015, 06:20	92.3
VR3_I	0.1746	303.0	01Jan2015, 06:17	20.1
VR3_P	0.1530	20.6	01Jan2015, 06:26	2.3
VR3	0.3276	317.6	01Jan2015, 06:17	22.4
VR6_P	0.1236	68.9	01Jan2015, 06:25	5.7
VR6_I	0.0691	105.7	01Jan2015, 06:21	8.0
VR6	0.1927	172.9	01Jan2015, 06:22	13.7
Las Ventanas Dam	1.7684	70.0	01Jan2015, 07:44	128.4
RT.LVDD	1.7684	70.0	01Jan2015, 07:47	128.4
VR7_I	0.1062	166.5	01Jan2015, 06:20	12.2
VR7_P	0.0886	5.8	01Jan2015, 06:35	0.9
VR7	0.1948	169.7	01Jan2015, 06:20	13.1
Little Window Dam	0.1948	28.6	01Jan2015, 07:03	13.1
LVDD_LWD	1.9632	98.2	01Jan2015, 07:19	141.6
RT.LWD	1.9632	98.2	01Jan2015, 07:20	141.6
SEV2_P	0.0476	0.6	01Jan2015, 06:36	0.2
SEV2_I	0.0076	17.2	01Jan2015, 06:10	0.9
SEV2	0.0552	17.2	01Jan2015, 06:10	1.0
SWINBURNE_INFLOW	11.879633	5959.7	01Jan2015, 06:40	819.6

Project: DCM#1 Simulation Run: WBCA_DEV_25YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 25_YR
 Compute Time: 17May2016, 19:58:28 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	63.3	01Jan2015, 06:23	6.2
QR9_I	0.2966	455.3	01Jan2015, 06:16	30.1
QR9	0.6311	508.1	01Jan2015, 06:17	36.3
QR7_P	0.284053	33.6	01Jan2015, 06:27	4.0
QR7_I	0.1862	268.2	01Jan2015, 06:18	18.9
QR7	0.470253	293.7	01Jan2015, 06:19	22.9
QR8_P	0.2071	24.0	01Jan2015, 06:29	2.9
QR8_I	0.1122	156.8	01Jan2015, 06:19	11.4
QR8	0.3193	175.2	01Jan2015, 06:20	14.3
QR7_9	1.420653	971.2	01Jan2015, 06:18	73.5
RT.QR8	1.420653	945.4	01Jan2015, 06:20	73.3
QR4_P	0.2437	30.2	01Jan2015, 06:32	3.8
QR4_I	0.2249	286.8	01Jan2015, 06:22	22.8
QR4	0.4686	310.9	01Jan2015, 06:23	26.6
QR6_I	0.1436	211.9	01Jan2015, 06:17	14.6
QR6_P	0.1370	25.0	01Jan2015, 06:25	2.5
QR6	0.2806	232.9	01Jan2015, 06:18	17.1
QR1_I	0.1372	221.7	01Jan2015, 06:15	13.9
QR1_P	0.1318	12.4	01Jan2015, 06:25	1.5
QR1	0.2690	229.4	01Jan2015, 06:15	15.4
RT.QR1	0.2690	228.3	01Jan2015, 06:17	15.4
QR3_P	0.1003	11.2	01Jan2015, 06:24	1.3
QR3_I	0.0952	154.5	01Jan2015, 06:15	9.7
QR3	0.1955	162.1	01Jan2015, 06:15	10.9
RT.QR3	0.1955	161.5	01Jan2015, 06:19	10.9
QR2_I	0.0325	60.3	01Jan2015, 06:12	3.3
QR2_P	0.0312	4.5	01Jan2015, 06:18	0.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	63.5	01Jan2015, 06:12	3.7
QR3_6	1.2774	963.5	01Jan2015, 06:19	73.8
QR15_P	0.0668	11.9	01Jan2015, 06:26	1.2
QR15_I	0.0627	90.1	01Jan2015, 06:18	6.4
QR15	0.1295	100.1	01Jan2015, 06:19	7.6
QR3_15	2.827553	2007.1	01Jan2015, 06:19	154.7
RT.QR4	2.827553	1660.9	01Jan2015, 06:25	149.9
QR20_I	0.2242	266.2	01Jan2015, 06:25	22.8
QR20_P	0.0961	12.8	01Jan2015, 06:35	1.6
QR20	0.3203	276.8	01Jan2015, 06:25	24.4
QR3_20	3.147853	1937.7	01Jan2015, 06:25	174.2
RT.QR20	3.147853	1927.9	01Jan2015, 06:28	174.1
QR23_I	0.2380	327.7	01Jan2015, 06:19	24.2
QR23_P	0.2265	16.1	01Jan2015, 06:32	2.3
QR23	0.4645	338.0	01Jan2015, 06:20	26.5
QR24_P	0.2066	15.2	01Jan2015, 06:30	2.1
QR24_I	0.1995	290.3	01Jan2015, 06:18	20.2
QR24	0.4061	299.5	01Jan2015, 06:18	22.4
QR21_I	0.1826	205.2	01Jan2015, 06:27	18.5
QR21_P	0.1435	20.6	01Jan2015, 06:37	2.7
QR21	0.3261	222.8	01Jan2015, 06:28	21.2
RT.QR21	0.3261	222.7	01Jan2015, 06:31	21.2
QR26_I	0.1547	219.7	01Jan2015, 06:19	15.7
QR26_P	0.0797	14.1	01Jan2015, 06:26	1.5
QR26	0.2344	231.5	01Jan2015, 06:19	17.2
QR25_P	0.1312	4.8	01Jan2015, 06:31	0.8
QR25_I	0.1024	182.1	01Jan2015, 06:13	10.4
QR25	0.2336	183.1	01Jan2015, 06:13	11.2
QR27_I	0.0925	129.3	01Jan2015, 06:19	9.4
QR27_P	0.0478	8.3	01Jan2015, 06:27	0.9
QR27	0.1403	136.2	01Jan2015, 06:20	10.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3094.3	01Jan2015, 06:25	282.8
RT.QR24	4.952853	3037.2	01Jan2015, 06:32	282.1
PW4_P	0.2187	0.7	01Jan2015, 07:05	0.4
PW4_I	0.2035	333.6	01Jan2015, 06:15	20.7
PW4	0.4222	333.6	01Jan2015, 06:15	21.1
QR3_25_PW4	5.375053	3181.1	01Jan2015, 06:31	303.2
RT.PW4	5.375053	3133.1	01Jan2015, 06:39	302.6
PW3_P	0.1919	37.8	01Jan2015, 06:17	3.3
PW3_I	0.1536	285.9	01Jan2015, 06:12	15.6
PW3	0.3455	316.0	01Jan2015, 06:12	18.9
PW2_I	0.0511	100.5	01Jan2015, 06:10	5.2
PW2_P	0.0494	11.8	01Jan2015, 06:15	0.9
PW2	0.1005	110.1	01Jan2015, 06:11	6.1
QR26_PW3	0.4460	425.0	01Jan2015, 06:12	25.0
RT.PW3	0.4460	411.4	01Jan2015, 06:20	24.9
PW7_I	0.2944	480.6	01Jan2015, 06:15	29.9
PW7_P	0.1809	36.3	01Jan2015, 06:21	3.4
PW7	0.4753	510.5	01Jan2015, 06:15	33.2
PW6_I	0.2457	352.5	01Jan2015, 06:18	24.9
PW6_P	0.2093	65.5	01Jan2015, 06:23	5.8
PW6	0.4550	412.9	01Jan2015, 06:19	30.7
PW1_I	0.0684	125.8	01Jan2015, 06:12	6.9
PW1_P	0.0352	7.9	01Jan2015, 06:17	0.7
PW1	0.1036	132.1	01Jan2015, 06:12	7.6
PW3_PW7	1.4799	1405.9	01Jan2015, 06:18	96.5
RT.PW7	1.4799	1398.5	01Jan2015, 06:21	96.4
PW10_I	0.2594	437.9	01Jan2015, 06:14	26.3
PW10_P	0.1486	14.4	01Jan2015, 06:23	1.7
PW10	0.4080	446.9	01Jan2015, 06:14	28.0
PW12_I	0.2062	329.1	01Jan2015, 06:15	20.9
PW12_P	0.1395	31.0	01Jan2015, 06:21	2.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	355.3	01Jan2015, 06:16	23.7
PW5_I	0.1171	213.2	01Jan2015, 06:12	11.9
PW5_P	0.0635	2.3	01Jan2015, 06:31	0.4
PW5	0.1806	213.6	01Jan2015, 06:12	12.3
PW5.1_I	0.0097	22.0	01Jan2015, 06:08	1.0
PW5.1_P	0.0068	0.0	01Jan2015, 07:03	0.0
PW5.1	0.0165	22.0	01Jan2015, 06:08	1.0
PW5_5.1	0.1971	231.2	01Jan2015, 06:12	13.3
RT.PW5	0.1971	230.7	01Jan2015, 06:16	13.3
PW9_I	0.0738	131.3	01Jan2015, 06:13	7.5
PW9_P	0.0465	5.6	01Jan2015, 06:20	0.6
PW9	0.1203	135.1	01Jan2015, 06:13	8.1
PW9.1_I	0.0056	13.8	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.0	01Jan2015, 06:33	0.0
PW9.1	0.0095	13.8	01Jan2015, 06:06	0.6
PW9_9.1	0.1298	143.3	01Jan2015, 06:12	8.7
PW5_9	0.3269	367.2	01Jan2015, 06:15	22.0
RT.PW9	0.3269	365.2	01Jan2015, 06:18	22.0
PW8_I	0.0720	113.6	01Jan2015, 06:16	7.3
PW8_P	0.06108	1.2	01Jan2015, 06:38	0.3
PW8	0.13308	113.7	01Jan2015, 06:16	7.6
PW10.2_I	0.0089	14.5	01Jan2015, 06:15	0.9
PW10.2_P	0.0055	0.0	01Jan2015, 07:05	0.0
PW10.2	0.0144	14.5	01Jan2015, 06:15	0.9
PW10.1_I	0.0037	9.3	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 07:02	0.0
PW10.1	0.0058	9.3	01Jan2015, 06:06	0.4
PW1_12	8.088833	4392.8	01Jan2015, 06:32	481.7
RT.PW10	8.088833	4368.1	01Jan2015, 06:36	480.9
VRW3_I	0.1758	275.3	01Jan2015, 06:16	17.8
VRW3_P	0.1745	13.5	01Jan2015, 06:27	1.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	4490.7	01Jan2015, 06:35	500.5
VRW3	0.3503	283.2	01Jan2015, 06:16	19.6
RT.VRW3	8.439133	4472.5	01Jan2015, 06:39	499.9
PW15_I	0.2323	367.5	01Jan2015, 06:15	23.6
PW15_P	0.1688	0.5	01Jan2015, 07:06	0.3
PW15	0.4011	367.5	01Jan2015, 06:15	23.9
PW14.1_I	0.1245	195.0	01Jan2015, 06:16	12.6
PW14.1_P	0.0879	8.1	01Jan2015, 06:26	1.0
PW14.1	0.2124	200.2	01Jan2015, 06:16	13.6
PW13_I	0.0313	48.3	01Jan2015, 06:16	3.2
PW13_P	0.0238	1.8	01Jan2015, 06:28	0.2
PW13	0.0551	49.4	01Jan2015, 06:16	3.4
PW14.2_I	0.0149	25.1	01Jan2015, 06:14	1.5
PW14.2_P	0.0095	0.3	01Jan2015, 06:35	0.1
PW14.2	0.0244	25.1	01Jan2015, 06:14	1.6
PW13_14.2	0.0795	73.9	01Jan2015, 06:16	5.0
RT.PW13	0.0795	73.6	01Jan2015, 06:27	5.1
PW13_14.1	0.2919	237.4	01Jan2015, 06:21	18.7
RT.PW14.1	0.2919	236.7	01Jan2015, 06:23	18.7
PW14_I	0.0692	110.5	01Jan2015, 06:15	7.0
PW14_P	0.0499	0.1	01Jan2015, 07:12	0.1
PW14	0.1191	110.5	01Jan2015, 06:15	7.1
PW15.1_I	0.0144	32.7	01Jan2015, 06:08	1.5
PW15.1_P	0.0089	0.0	01Jan2015, 07:01	0.0
PW15.1	0.0233	32.7	01Jan2015, 06:08	1.5
PW14_VRW3	9.274533	4784.3	01Jan2015, 06:36	551.1
RT.PW14	9.274533	4773.6	01Jan2015, 06:38	550.7
VR5_I	0.1379	195.3	01Jan2015, 06:19	14.0
VR5_P	0.1197	2.2	01Jan2015, 06:41	0.5
VR5	0.2576	195.6	01Jan2015, 06:19	14.5
TVI1_I	0.0500	80.5	01Jan2015, 06:15	5.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	0.1	01Jan2015, 07:11	0.1
TVI1	0.0959	80.5	01Jan2015, 06:15	5.1
TVI1.1_I	0.0487	89.1	01Jan2015, 06:12	4.9
TVI1.1_P	0.0149	0.5	01Jan2015, 06:31	0.1
TVI1.1	0.0636	89.2	01Jan2015, 06:12	5.0
TVI_TOTAL	0.1595	167.2	01Jan2015, 06:13	10.2
RT.TVI	0.1595	166.9	01Jan2015, 06:14	10.2
VR_TVI_PW	9.691633	4919.8	01Jan2015, 06:37	575.5
RT.VR5	9.691633	4916.0	01Jan2015, 06:39	575.5
SEV1_P	0.0904	0.1	01Jan2015, 07:12	0.1
SEV1_I	0.0792	127.0	01Jan2015, 06:15	8.0
SEV1	0.1696	127.0	01Jan2015, 06:15	8.2
VR_TVI_PW_SEV	9.861233	4954.5	01Jan2015, 06:39	583.6
RT.SEV1	9.861233	4953.3	01Jan2015, 06:40	583.8
VRW1_I	0.1758	282.9	01Jan2015, 06:15	17.8
VRW1_P	0.1559	20.2	01Jan2015, 06:23	2.2
VRW1	0.3317	297.2	01Jan2015, 06:16	20.0
PW11_I	0.0825	140.5	01Jan2015, 06:14	8.4
PW11_P	0.0444	24.3	01Jan2015, 06:16	1.6
PW11	0.1269	163.9	01Jan2015, 06:14	10.0
RT.PW11	0.1269	163.4	01Jan2015, 06:18	10.0
RT.PW11A	0.1269	163.0	01Jan2015, 06:19	10.0
PW11_VRW1	0.4586	451.7	01Jan2015, 06:17	30.1
RT.VRW1	0.4586	450.9	01Jan2015, 06:18	30.1
VRW2_I	0.1139	177.7	01Jan2015, 06:16	11.6
VRW2_P	0.0864	4.5	01Jan2015, 06:31	0.7
VRW2	0.2003	179.8	01Jan2015, 06:16	12.3
RT.VRW2	0.2003	179.5	01Jan2015, 06:18	12.3
RT.VRW2A	0.6589	629.9	01Jan2015, 06:19	42.4
VR2_I	0.1377	220.8	01Jan2015, 06:15	14.0
VR2_P	0.1126	3.9	01Jan2015, 06:34	0.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	221.7	01Jan2015, 06:15	14.7
VRW1_2_VR2	0.9092	839.6	01Jan2015, 06:18	57.0
RT.VR2	0.9092	838.7	01Jan2015, 06:20	57.1
VR4_I	0.1367	173.3	01Jan2015, 06:22	13.9
VR4_P	0.1165	26.2	01Jan2015, 06:29	2.8
VR4	0.2532	196.9	01Jan2015, 06:23	16.6
VR1_I	0.0497	88.1	01Jan2015, 06:13	5.0
VR1_P	0.0360	10.0	01Jan2015, 06:17	0.8
VR1	0.0857	96.8	01Jan2015, 06:13	5.8
VRW_VR1_4	1.2481	1105.6	01Jan2015, 06:20	79.5
VR3_I	0.1746	262.4	01Jan2015, 06:17	17.7
VR3_P	0.1530	11.5	01Jan2015, 06:29	1.6
VR3	0.3276	269.2	01Jan2015, 06:17	19.3
VR6_P	0.1236	51.9	01Jan2015, 06:25	4.5
VR6_I	0.0691	91.5	01Jan2015, 06:21	7.0
VR6	0.1927	141.7	01Jan2015, 06:22	11.6
Las Ventanas Dam	1.7684	67.6	01Jan2015, 07:42	110.4
RT.LVDD	1.7684	67.6	01Jan2015, 07:45	110.4
VR7_I	0.1062	144.2	01Jan2015, 06:20	10.8
VR7_P	0.0886	2.8	01Jan2015, 06:39	0.5
VR7	0.1948	145.1	01Jan2015, 06:20	11.3
Little Window Dam	0.1948	27.0	01Jan2015, 07:00	11.3
LVDD_LWD	1.9632	94.3	01Jan2015, 07:15	121.7
RT.LWD	1.9632	94.3	01Jan2015, 07:16	121.7
SEV2_P	0.0476	0.1	01Jan2015, 07:06	0.1
SEV2_I	0.0076	14.9	01Jan2015, 06:11	0.8
SEV2	0.0552	14.9	01Jan2015, 06:11	0.8
SWINBURNE_INFLOW	11.879633	5045.9	01Jan2015, 06:40	706.3

Project: DCM#1 Simulation Run: WBCA_DEV_10YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 10_YR
Compute Time: 17May2016, 20:00:35 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	28.6	01Jan2015, 06:25	3.6
QR9_I	0.2966	362.0	01Jan2015, 06:16	24.5
QR9	0.6311	382.3	01Jan2015, 06:17	28.1
QR7_P	0.284053	13.2	01Jan2015, 06:32	2.2
QR7_I	0.1862	213.3	01Jan2015, 06:18	15.4
QR7	0.470253	220.4	01Jan2015, 06:19	17.5
QR8_P	0.2071	9.5	01Jan2015, 06:34	1.6
QR8_I	0.1122	124.7	01Jan2015, 06:19	9.3
QR8	0.3193	130.0	01Jan2015, 06:20	10.8
QR7_9	1.420653	729.1	01Jan2015, 06:18	56.5
RT.QR8	1.420653	713.5	01Jan2015, 06:20	56.3
QR4_P	0.2437	12.8	01Jan2015, 06:36	2.1
QR4_I	0.2249	228.1	01Jan2015, 06:22	18.6
QR4	0.4686	236.2	01Jan2015, 06:23	20.7
QR6_I	0.1436	168.5	01Jan2015, 06:17	11.9
QR6_P	0.1370	11.4	01Jan2015, 06:27	1.5
QR6	0.2806	176.7	01Jan2015, 06:18	13.3
QR1_I	0.1372	176.3	01Jan2015, 06:15	11.3
QR1_P	0.1318	4.2	01Jan2015, 06:33	0.8
QR1	0.2690	177.6	01Jan2015, 06:15	12.1
RT.QR1	0.2690	176.8	01Jan2015, 06:17	12.1
QR3_P	0.1003	4.0	01Jan2015, 06:30	0.7
QR3_I	0.0952	122.9	01Jan2015, 06:15	7.9
QR3	0.1955	124.5	01Jan2015, 06:15	8.5
RT.QR3	0.1955	124.0	01Jan2015, 06:18	8.5
QR2_I	0.0325	48.0	01Jan2015, 06:12	2.7
QR2_P	0.0312	1.7	01Jan2015, 06:23	0.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	48.7	01Jan2015, 06:12	2.9
QR3_6	1.2774	737.1	01Jan2015, 06:18	57.5
QR15_P	0.0668	5.5	01Jan2015, 06:28	0.7
QR15_I	0.0627	71.6	01Jan2015, 06:18	5.2
QR15	0.1295	75.5	01Jan2015, 06:19	5.9
QR3_15	2.827553	1525.2	01Jan2015, 06:19	119.7
RT.QR4	2.827553	1295.8	01Jan2015, 06:25	116.7
QR20_I	0.2242	211.7	01Jan2015, 06:25	18.5
QR20_P	0.0961	5.7	01Jan2015, 06:38	0.9
QR20	0.3203	215.8	01Jan2015, 06:25	19.4
QR3_20	3.147853	1511.6	01Jan2015, 06:25	136.2
RT.QR20	3.147853	1505.7	01Jan2015, 06:29	136.1
QR23_I	0.2380	260.7	01Jan2015, 06:20	19.7
QR23_P	0.2265	5.1	01Jan2015, 06:40	1.1
QR23	0.4645	262.3	01Jan2015, 06:20	20.8
QR24_P	0.2066	4.8	01Jan2015, 06:38	1.0
QR24_I	0.1995	230.9	01Jan2015, 06:18	16.5
QR24	0.4061	232.2	01Jan2015, 06:18	17.5
QR21_I	0.1826	163.2	01Jan2015, 06:27	15.1
QR21_P	0.1435	9.7	01Jan2015, 06:40	1.5
QR21	0.3261	170.6	01Jan2015, 06:28	16.6
RT.QR21	0.3261	170.5	01Jan2015, 06:31	16.6
QR26_I	0.1547	174.8	01Jan2015, 06:19	12.8
QR26_P	0.0797	6.5	01Jan2015, 06:29	0.9
QR26	0.2344	179.4	01Jan2015, 06:19	13.6
QR25_P	0.1312	0.7	01Jan2015, 06:41	0.3
QR25_I	0.1024	144.9	01Jan2015, 06:13	8.5
QR25	0.2336	144.9	01Jan2015, 06:13	8.8
QR27_I	0.0925	102.8	01Jan2015, 06:19	7.6
QR27_P	0.0478	3.8	01Jan2015, 06:29	0.5
QR27	0.1403	105.5	01Jan2015, 06:19	8.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	2394.7	01Jan2015, 06:25	221.6
RT.QR24	4.952853	2358.9	01Jan2015, 06:32	221.1
PW4_P	0.2187	0.1	02Jan2015, 00:00	0.1
PW4_I	0.2035	265.4	01Jan2015, 06:15	16.8
PW4	0.4222	265.4	01Jan2015, 06:15	16.9
QR3_25_PW4	5.375053	2472.6	01Jan2015, 06:31	238.0
RT.PW4	5.375053	2442.4	01Jan2015, 06:39	237.6
PW3_P	0.1919	15.8	01Jan2015, 06:20	1.9
PW3_I	0.1536	227.4	01Jan2015, 06:12	12.7
PW3	0.3455	237.1	01Jan2015, 06:12	14.5
PW2_I	0.0511	79.9	01Jan2015, 06:10	4.2
PW2_P	0.0494	5.1	01Jan2015, 06:17	0.5
PW2	0.1005	83.3	01Jan2015, 06:11	4.8
QR26_PW3	0.4460	319.4	01Jan2015, 06:12	19.3
RT.PW3	0.4460	311.3	01Jan2015, 06:20	19.3
PW7_I	0.2944	382.3	01Jan2015, 06:15	24.3
PW7_P	0.1809	16.3	01Jan2015, 06:23	2.0
PW7	0.4753	393.5	01Jan2015, 06:15	26.3
PW6_I	0.2457	280.3	01Jan2015, 06:18	20.3
PW6_P	0.2093	36.0	01Jan2015, 06:25	3.7
PW6	0.4550	311.7	01Jan2015, 06:19	24.0
PW1_I	0.0684	100.0	01Jan2015, 06:12	5.6
PW1_P	0.0352	3.5	01Jan2015, 06:19	0.4
PW1	0.1036	102.3	01Jan2015, 06:12	6.0
PW3_PW7	1.4799	1071.6	01Jan2015, 06:18	75.5
RT.PW7	1.4799	1066.9	01Jan2015, 06:21	75.5
PW10_I	0.2594	348.3	01Jan2015, 06:14	21.4
PW10_P	0.1486	4.8	01Jan2015, 06:31	0.9
PW10	0.4080	349.7	01Jan2015, 06:14	22.3
PW12_I	0.2062	261.7	01Jan2015, 06:15	17.0
PW12_P	0.1395	14.7	01Jan2015, 06:23	1.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	272.4	01Jan2015, 06:16	18.7
PW5_I	0.1171	169.5	01Jan2015, 06:12	9.7
PW5_P	0.0635	0.4	01Jan2015, 06:40	0.2
PW5	0.1806	169.5	01Jan2015, 06:12	9.8
PW5.1_I	0.0097	17.5	01Jan2015, 06:08	0.8
PW5.1_P	0.0068	0.0	02Jan2015, 00:00	0.0
PW5.1	0.0165	17.5	01Jan2015, 06:08	0.8
PW5_5.1	0.1971	183.6	01Jan2015, 06:12	10.6
RT.PW5	0.1971	183.2	01Jan2015, 06:16	10.7
PW9_I	0.0738	104.4	01Jan2015, 06:13	6.1
PW9_P	0.0465	2.0	01Jan2015, 06:26	0.3
PW9	0.1203	105.2	01Jan2015, 06:13	6.4
PW9.1_I	0.0056	10.9	01Jan2015, 06:06	0.5
PW9.1_P	0.0039	0.0	02Jan2015, 00:00	0.0
PW9.1	0.0095	10.9	01Jan2015, 06:06	0.5
PW9_9.1	0.1298	111.9	01Jan2015, 06:12	6.9
PW5_9	0.3269	288.3	01Jan2015, 06:15	17.6
RT.PW9	0.3269	287.0	01Jan2015, 06:19	17.6
PW8_I	0.0720	90.4	01Jan2015, 06:16	5.9
PW8_P	0.06108	0.1	01Jan2015, 07:11	0.1
PW8	0.13308	90.4	01Jan2015, 06:16	6.0
PW10.2_I	0.0089	11.5	01Jan2015, 06:15	0.7
PW10.2_P	0.0055	0.0	02Jan2015, 00:00	0.0
PW10.2	0.0144	11.5	01Jan2015, 06:15	0.7
PW10.1_I	0.0037	7.4	01Jan2015, 06:06	0.3
PW10.1_P	0.0021	0.0	02Jan2015, 00:00	0.0
PW10.1	0.0058	7.4	01Jan2015, 06:06	0.3
PW1_12	8.088833	3394.7	01Jan2015, 06:33	378.8
RT.PW10	8.088833	3378.3	01Jan2015, 06:37	378.3
VRW3_I	0.1758	218.9	01Jan2015, 06:16	14.5
VRW3_P	0.1745	4.3	01Jan2015, 06:36	0.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	3467.3	01Jan2015, 06:36	393.7
VRW3	0.3503	219.9	01Jan2015, 06:16	15.4
RT.VRW3	8.439133	3456.0	01Jan2015, 06:40	393.4
PW15_I	0.2323	292.2	01Jan2015, 06:16	19.2
PW15_P	0.1688	0.1	02Jan2015, 00:00	0.0
PW15	0.4011	292.2	01Jan2015, 06:16	19.2
PW14.1_I	0.1245	155.1	01Jan2015, 06:16	10.3
PW14.1_P	0.0879	2.8	01Jan2015, 06:34	0.5
PW14.1	0.2124	156.0	01Jan2015, 06:16	10.8
PW13_I	0.0313	38.4	01Jan2015, 06:16	2.6
PW13_P	0.0238	0.6	01Jan2015, 06:36	0.1
PW13	0.0551	38.6	01Jan2015, 06:16	2.7
PW14.2_I	0.0149	20.0	01Jan2015, 06:14	1.2
PW14.2_P	0.0095	0.0	01Jan2015, 07:04	0.0
PW14.2	0.0244	20.0	01Jan2015, 06:14	1.2
PW13_14.2	0.0795	58.1	01Jan2015, 06:15	4.0
RT.PW13	0.0795	57.8	01Jan2015, 06:28	4.0
PW13_14.1	0.2919	179.1	01Jan2015, 06:20	14.8
RT.PW14.1	0.2919	179.0	01Jan2015, 06:23	14.8
PW14_I	0.0692	87.9	01Jan2015, 06:15	5.7
PW14_P	0.0499	0.0	02Jan2015, 00:00	0.0
PW14	0.1191	87.9	01Jan2015, 06:15	5.7
PW15.1_I	0.0144	26.0	01Jan2015, 06:08	1.2
PW15.1_P	0.0089	0.0	02Jan2015, 00:00	0.0
PW15.1	0.0233	26.0	01Jan2015, 06:08	1.2
PW14_VRW3	9.274533	3693.1	01Jan2015, 06:37	434.4
RT.PW14	9.274533	3686.5	01Jan2015, 06:39	434.2
VR5_I	0.1379	155.3	01Jan2015, 06:19	11.4
VR5_P	0.1197	0.2	01Jan2015, 07:16	0.2
VR5	0.2576	155.3	01Jan2015, 06:19	11.6
TVI1_I	0.0500	64.0	01Jan2015, 06:15	4.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	0.0	02Jan2015, 00:00	0.0
TVI1	0.0959	64.0	01Jan2015, 06:15	4.1
TVI1.1_I	0.0487	70.9	01Jan2015, 06:12	4.0
TVI1.1_P	0.0149	0.1	01Jan2015, 06:40	0.0
TVI1.1	0.0636	70.9	01Jan2015, 06:12	4.1
TVI_TOTAL	0.1595	132.8	01Jan2015, 06:13	8.2
RT.TVI	0.1595	132.6	01Jan2015, 06:14	8.2
VR_TVI_PW	9.691633	3796.7	01Jan2015, 06:37	453.9
RT.VR5	9.691633	3794.6	01Jan2015, 06:40	453.9
SEV1_P	0.0904	0.0	02Jan2015, 00:00	0.0
SEV1_I	0.0792	101.0	01Jan2015, 06:15	6.5
SEV1	0.1696	101.0	01Jan2015, 06:15	6.6
VR_TVI_PW_SEV	9.861233	3824.4	01Jan2015, 06:39	460.5
RT.SEV1	9.861233	3823.7	01Jan2015, 06:41	460.7
VRW1_I	0.1758	225.0	01Jan2015, 06:15	14.5
VRW1_P	0.1559	7.7	01Jan2015, 06:28	1.2
VRW1	0.3317	228.6	01Jan2015, 06:15	15.7
PW11_I	0.0825	111.8	01Jan2015, 06:14	6.8
PW11_P	0.0444	14.7	01Jan2015, 06:17	1.1
PW11	0.1269	125.6	01Jan2015, 06:14	7.9
RT.PW11	0.1269	125.2	01Jan2015, 06:19	8.0
RT.PW11A	0.1269	125.1	01Jan2015, 06:20	8.0
PW11_VRW1	0.4586	344.1	01Jan2015, 06:17	23.7
RT.VRW1	0.4586	343.8	01Jan2015, 06:19	23.7
VRW2_I	0.1139	141.4	01Jan2015, 06:16	9.4
VRW2_P	0.0864	1.1	01Jan2015, 06:40	0.3
VRW2	0.2003	141.4	01Jan2015, 06:16	9.7
RT.VRW2	0.2003	141.2	01Jan2015, 06:18	9.7
RT.VRW2A	0.6589	483.8	01Jan2015, 06:19	33.4
VR2_I	0.1377	175.6	01Jan2015, 06:15	11.4
VR2_P	0.1126	0.6	01Jan2015, 06:45	0.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	175.6	01Jan2015, 06:15	11.6
VRW1_2_VR2	0.9092	648.4	01Jan2015, 06:18	45.0
RT.VR2	0.9092	648.2	01Jan2015, 06:20	45.0
VR4_I	0.1367	137.8	01Jan2015, 06:22	11.3
VR4_P	0.1165	13.7	01Jan2015, 06:31	1.7
VR4	0.2532	149.3	01Jan2015, 06:23	13.0
VR1_I	0.0497	70.1	01Jan2015, 06:13	4.1
VR1_P	0.0360	4.9	01Jan2015, 06:19	0.5
VR1	0.0857	73.8	01Jan2015, 06:13	4.6
VRW_VR1_4	1.2481	851.0	01Jan2015, 06:20	62.6
VR3_I	0.1746	208.7	01Jan2015, 06:17	14.4
VR3_P	0.1530	3.6	01Jan2015, 06:37	0.8
VR3	0.3276	209.6	01Jan2015, 06:17	15.2
VR6_P	0.1236	31.7	01Jan2015, 06:26	3.1
VR6_I	0.0691	72.8	01Jan2015, 06:21	5.7
VR6	0.1927	102.7	01Jan2015, 06:23	8.8
Las Ventanas Dam	1.7684	64.0	01Jan2015, 07:34	86.6
RT.LVDD	1.7684	64.0	01Jan2015, 07:37	86.6
VR7_I	0.1062	114.7	01Jan2015, 06:20	8.8
VR7_P	0.0886	0.4	01Jan2015, 06:55	0.2
VR7	0.1948	114.7	01Jan2015, 06:20	9.0
Little Window Dam	0.1948	24.1	01Jan2015, 06:57	9.0
LVDD_LWD	1.9632	87.2	01Jan2015, 07:11	95.6
RT.LWD	1.9632	87.2	01Jan2015, 07:12	95.6
SEV2_P	0.0476	0.0	02Jan2015, 00:00	0.0
SEV2_I	0.0076	11.8	01Jan2015, 06:11	0.6
SEV2	0.0552	11.8	01Jan2015, 06:11	0.6
SWINBURNE_INFLOW	11.879633	3907.0	01Jan2015, 06:41	556.8

Project: DCM#1 Simulation Run: WBCA_DEV_5YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 5_YR
Compute Time: 17May2016, 19:56:39 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	10.3	01Jan2015, 06:32	1.9
QR9_I	0.2966	286.3	01Jan2015, 06:16	19.9
QR9	0.6311	290.8	01Jan2015, 06:17	21.8
QR7_P	0.284053	3.6	01Jan2015, 06:41	1.0
QR7_I	0.1862	168.7	01Jan2015, 06:18	12.5
QR7	0.470253	169.1	01Jan2015, 06:18	13.5
QR8_P	0.2071	2.5	01Jan2015, 06:42	0.7
QR8_I	0.1122	98.6	01Jan2015, 06:19	7.5
QR8	0.3193	99.0	01Jan2015, 06:19	8.3
QR7_9	1.420653	556.5	01Jan2015, 06:18	43.6
RT.QR8	1.420653	547.2	01Jan2015, 06:19	43.5
QR4_P	0.2437	3.9	01Jan2015, 06:43	1.0
QR4_I	0.2249	180.3	01Jan2015, 06:22	15.1
QR4	0.4686	181.5	01Jan2015, 06:22	16.1
QR6_I	0.1436	133.3	01Jan2015, 06:18	9.6
QR6_P	0.1370	4.1	01Jan2015, 06:33	0.8
QR6	0.2806	135.2	01Jan2015, 06:18	10.4
QR1_I	0.1372	139.5	01Jan2015, 06:15	9.2
QR1_P	0.1318	0.7	01Jan2015, 06:43	0.3
QR1	0.2690	139.5	01Jan2015, 06:15	9.5
RT.QR1	0.2690	138.9	01Jan2015, 06:17	9.5
QR3_P	0.1003	0.9	01Jan2015, 06:39	0.3
QR3_I	0.0952	97.2	01Jan2015, 06:15	6.4
QR3	0.1955	97.2	01Jan2015, 06:15	6.7
RT.QR3	0.1955	96.9	01Jan2015, 06:18	6.7
QR2_I	0.0325	38.0	01Jan2015, 06:12	2.2
QR2_P	0.0312	0.5	01Jan2015, 06:34	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	38.0	01Jan2015, 06:12	2.3
QR3_6	1.2774	571.3	01Jan2015, 06:18	45.0
QR15_P	0.0668	2.0	01Jan2015, 06:34	0.4
QR15_I	0.0627	56.6	01Jan2015, 06:18	4.2
QR15	0.1295	57.6	01Jan2015, 06:19	4.6
QR3_15	2.827553	1174.9	01Jan2015, 06:19	93.1
RT.QR4	2.827553	1020.3	01Jan2015, 06:25	91.2
QR20_I	0.2242	167.4	01Jan2015, 06:25	15.0
QR20_P	0.0961	2.0	01Jan2015, 06:44	0.5
QR20	0.3203	168.3	01Jan2015, 06:25	15.5
QR3_20	3.147853	1188.6	01Jan2015, 06:25	106.7
RT.QR20	3.147853	1184.6	01Jan2015, 06:29	106.7
QR23_I	0.2380	206.2	01Jan2015, 06:20	16.0
QR23_P	0.2265	0.7	01Jan2015, 07:07	0.4
QR23	0.4645	206.2	01Jan2015, 06:20	16.4
QR24_P	0.2066	0.6	01Jan2015, 07:05	0.4
QR24_I	0.1995	182.6	01Jan2015, 06:18	13.4
QR24	0.4061	182.6	01Jan2015, 06:18	13.8
QR21_I	0.1826	129.0	01Jan2015, 06:27	12.3
QR21_P	0.1435	3.6	01Jan2015, 06:44	0.8
QR21	0.3261	131.0	01Jan2015, 06:27	13.1
RT.QR21	0.3261	131.0	01Jan2015, 06:31	13.1
QR26_I	0.1547	138.2	01Jan2015, 06:19	10.4
QR26_P	0.0797	2.4	01Jan2015, 06:35	0.5
QR26	0.2344	139.4	01Jan2015, 06:19	10.8
QR25_P	0.1312	0.1	02Jan2015, 00:00	0.1
QR25_I	0.1024	114.7	01Jan2015, 06:13	6.9
QR25	0.2336	114.7	01Jan2015, 06:13	6.9
QR27_I	0.0925	81.3	01Jan2015, 06:19	6.2
QR27_P	0.0478	1.4	01Jan2015, 06:35	0.3
QR27	0.1403	82.0	01Jan2015, 06:19	6.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1873.1	01Jan2015, 06:25	174.2
RT.QR24	4.952853	1849.6	01Jan2015, 06:32	173.9
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	210.0	01Jan2015, 06:15	13.7
PW4	0.4222	210.0	01Jan2015, 06:15	13.7
QR3_25_PW4	5.375053	1939.5	01Jan2015, 06:32	187.6
RT.PW4	5.375053	1918.1	01Jan2015, 06:39	187.4
PW3_P	0.1919	5.0	01Jan2015, 06:28	0.9
PW3_I	0.1536	180.1	01Jan2015, 06:12	10.3
PW3	0.3455	181.3	01Jan2015, 06:12	11.3
PW2_I	0.0511	63.2	01Jan2015, 06:10	3.4
PW2_P	0.0494	1.7	01Jan2015, 06:23	0.3
PW2	0.1005	63.8	01Jan2015, 06:11	3.7
QR26_PW3	0.4460	244.4	01Jan2015, 06:11	15.0
RT.PW3	0.4460	239.3	01Jan2015, 06:20	15.0
PW7_I	0.2944	302.5	01Jan2015, 06:15	19.8
PW7_P	0.1809	5.8	01Jan2015, 06:30	1.0
PW7	0.4753	304.9	01Jan2015, 06:15	20.8
PW6_I	0.2457	221.6	01Jan2015, 06:18	16.5
PW6_P	0.2093	17.4	01Jan2015, 06:27	2.2
PW6	0.4550	235.3	01Jan2015, 06:19	18.7
PW1_I	0.0684	79.2	01Jan2015, 06:12	4.6
PW1_P	0.0352	1.2	01Jan2015, 06:25	0.2
PW1	0.1036	79.6	01Jan2015, 06:12	4.8
PW3_PW7	1.4799	821.5	01Jan2015, 06:18	59.3
RT.PW7	1.4799	818.5	01Jan2015, 06:21	59.3
PW10_I	0.2594	275.6	01Jan2015, 06:14	17.4
PW10_P	0.1486	0.9	01Jan2015, 06:41	0.4
PW10	0.4080	275.6	01Jan2015, 06:14	17.8
PW12_I	0.2062	207.0	01Jan2015, 06:15	13.8
PW12_P	0.1395	5.6	01Jan2015, 06:28	0.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	209.7	01Jan2015, 06:16	14.8
PW5_I	0.1171	134.2	01Jan2015, 06:12	7.9
PW5_P	0.0635	0.0	02Jan2015, 00:00	0.0
PW5	0.1806	134.2	01Jan2015, 06:12	7.9
PW5.1_I	0.0097	13.9	01Jan2015, 06:08	0.7
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	13.9	01Jan2015, 06:08	0.7
PW5_5.1	0.1971	145.3	01Jan2015, 06:12	8.5
RT.PW5	0.1971	144.8	01Jan2015, 06:17	8.6
PW9_I	0.0738	82.7	01Jan2015, 06:13	5.0
PW9_P	0.0465	0.5	01Jan2015, 06:37	0.1
PW9	0.1203	82.7	01Jan2015, 06:13	5.1
PW9.1_I	0.0056	8.7	01Jan2015, 06:06	0.4
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	8.7	01Jan2015, 06:06	0.4
PW9_9.1	0.1298	88.1	01Jan2015, 06:12	5.5
PW5_9	0.3269	226.0	01Jan2015, 06:15	14.1
RT.PW9	0.3269	224.9	01Jan2015, 06:20	14.1
PW8_I	0.0720	71.5	01Jan2015, 06:16	4.8
PW8_P	0.06108	0.0	02Jan2015, 00:00	0.0
PW8	0.13308	71.5	01Jan2015, 06:16	4.8
PW10.2_I	0.0089	9.1	01Jan2015, 06:15	0.6
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	9.1	01Jan2015, 06:15	0.6
PW10.1_I	0.0037	5.9	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	5.9	01Jan2015, 06:06	0.2
PW1_12	8.088833	2633.9	01Jan2015, 06:34	299.0
RT.PW10	8.088833	2622.4	01Jan2015, 06:38	298.8
VRW3_I	0.1758	173.2	01Jan2015, 06:16	11.8
VRW3_P	0.1745	0.5	01Jan2015, 07:03	0.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	2686.0	01Jan2015, 06:37	310.9
VRW3	0.3503	173.2	01Jan2015, 06:16	12.1
RT.VRW3	8.439133	2678.1	01Jan2015, 06:41	310.7
PW15_I	0.2323	231.2	01Jan2015, 06:16	15.6
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	231.2	01Jan2015, 06:16	15.6
PW14.1_I	0.1245	122.7	01Jan2015, 06:16	8.4
PW14.1_P	0.0879	0.5	01Jan2015, 06:44	0.2
PW14.1	0.2124	122.7	01Jan2015, 06:16	8.6
PW13_I	0.0313	30.4	01Jan2015, 06:16	2.1
PW13_P	0.0238	0.1	01Jan2015, 07:03	0.0
PW13	0.0551	30.4	01Jan2015, 06:16	2.1
PW14.2_I	0.0149	15.8	01Jan2015, 06:14	1.0
PW14.2_P	0.0095	0.0	02Jan2015, 00:00	0.0
PW14.2	0.0244	15.8	01Jan2015, 06:14	1.0
PW13_14.2	0.0795	45.9	01Jan2015, 06:15	3.2
RT.PW13	0.0795	45.7	01Jan2015, 06:29	3.2
PW13_14.1	0.2919	136.3	01Jan2015, 06:19	11.8
RT.PW14.1	0.2919	136.2	01Jan2015, 06:22	11.8
PW14_I	0.0692	69.5	01Jan2015, 06:15	4.6
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	69.5	01Jan2015, 06:15	4.6
PW15.1_I	0.0144	20.6	01Jan2015, 06:08	1.0
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	20.6	01Jan2015, 06:08	1.0
PW14_VRW3	9.274533	2852.7	01Jan2015, 06:39	343.7
RT.PW14	9.274533	2848.8	01Jan2015, 06:40	343.6
VR5_I	0.1379	122.8	01Jan2015, 06:19	9.3
VR5_P	0.1197	0.0	02Jan2015, 00:00	0.0
VR5	0.2576	122.8	01Jan2015, 06:19	9.3
TVI1_I	0.0500	50.7	01Jan2015, 06:15	3.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	50.7	01Jan2015, 06:15	3.4
TVI1.1_I	0.0487	56.1	01Jan2015, 06:12	3.3
TVI1.1_P	0.0149	0.0	02Jan2015, 00:00	0.0
TVI1.1	0.0636	56.1	01Jan2015, 06:12	3.3
TVI_TOTAL	0.1595	105.1	01Jan2015, 06:13	6.6
RT.TVI	0.1595	104.8	01Jan2015, 06:14	6.6
VR_TVI_PW	9.691633	2930.3	01Jan2015, 06:39	359.5
RT.VR5	9.691633	2928.6	01Jan2015, 06:41	359.6
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	79.9	01Jan2015, 06:15	5.3
SEV1	0.1696	79.9	01Jan2015, 06:15	5.3
VR_TVI_PW_SEV	9.861233	2950.4	01Jan2015, 06:41	364.9
RT.SEV1	9.861233	2949.9	01Jan2015, 06:43	365.1
VRW1_I	0.1758	178.0	01Jan2015, 06:15	11.8
VRW1_P	0.1559	2.1	01Jan2015, 06:38	0.6
VRW1	0.3317	178.2	01Jan2015, 06:15	12.4
PW11_I	0.0825	88.5	01Jan2015, 06:14	5.5
PW11_P	0.0444	8.2	01Jan2015, 06:18	0.7
PW11	0.1269	95.8	01Jan2015, 06:14	6.3
RT.PW11	0.1269	95.6	01Jan2015, 06:19	6.3
RT.PW11A	0.1269	95.3	01Jan2015, 06:20	6.3
PW11_VRW1	0.4586	263.7	01Jan2015, 06:18	18.6
RT.VRW1	0.4586	263.5	01Jan2015, 06:19	18.7
VRW2_I	0.1139	111.8	01Jan2015, 06:16	7.6
VRW2_P	0.0864	0.1	01Jan2015, 08:27	0.1
VRW2	0.2003	111.8	01Jan2015, 06:16	7.7
RT.VRW2	0.2003	111.7	01Jan2015, 06:18	7.7
RT.VRW2A	0.6589	374.2	01Jan2015, 06:20	26.4
VR2_I	0.1377	138.9	01Jan2015, 06:15	9.2
VR2_P	0.1126	0.1	02Jan2015, 00:00	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	138.9	01Jan2015, 06:15	9.3
VRW1_2_VR2	0.9092	503.6	01Jan2015, 06:19	35.7
RT.VR2	0.9092	502.8	01Jan2015, 06:20	35.7
VR4_I	0.1367	108.9	01Jan2015, 06:22	9.2
VR4_P	0.1165	6.1	01Jan2015, 06:34	1.0
VR4	0.2532	113.4	01Jan2015, 06:23	10.2
VR1_I	0.0497	55.5	01Jan2015, 06:13	3.3
VR1_P	0.0360	1.9	01Jan2015, 06:22	0.3
VR1	0.0857	56.6	01Jan2015, 06:13	3.6
VRW_VR1_4	1.2481	657.1	01Jan2015, 06:20	49.5
VR3_I	0.1746	165.1	01Jan2015, 06:17	11.7
VR3_P	0.1530	0.5	01Jan2015, 07:04	0.3
VR3	0.3276	165.1	01Jan2015, 06:17	12.0
VR6_P	0.1236	17.9	01Jan2015, 06:28	2.0
VR6_I	0.0691	57.5	01Jan2015, 06:21	4.6
VR6	0.1927	73.8	01Jan2015, 06:23	6.6
Las Ventanas Dam	1.7684	58.1	01Jan2015, 07:31	68.1
RT.LVDD	1.7684	58.1	01Jan2015, 07:34	68.1
VR7_I	0.1062	90.7	01Jan2015, 06:20	7.1
VR7_P	0.0886	0.0	02Jan2015, 00:00	0.0
VR7	0.1948	90.7	01Jan2015, 06:20	7.2
Little Window Dam	0.1948	20.6	01Jan2015, 06:55	7.2
LVDD_LWD	1.9632	78.0	01Jan2015, 07:08	75.3
RT.LWD	1.9632	78.0	01Jan2015, 07:10	75.3
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	9.4	01Jan2015, 06:11	0.5
SEV2	0.0552	9.4	01Jan2015, 06:11	0.5
SWINBURNE_INFLOW	11.879633	3025.8	01Jan2015, 06:43	440.9

Project: DCM#1 Simulation Run: WBCA_DEV_2YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 2_YR
Compute Time: 17May2016, 19:59:12 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	0.4	01Jan2015, 08:16	0.4
QR9_I	0.2966	185.8	01Jan2015, 06:17	13.8
QR9	0.6311	185.8	01Jan2015, 06:17	14.2
QR7_P	0.284053	0.1	02Jan2015, 00:00	0.1
QR7_I	0.1862	109.4	01Jan2015, 06:18	8.6
QR7	0.470253	109.4	01Jan2015, 06:18	8.8
QR8_P	0.2071	0.1	02Jan2015, 00:00	0.1
QR8_I	0.1122	64.0	01Jan2015, 06:19	5.2
QR8	0.3193	64.0	01Jan2015, 06:19	5.3
QR7_9	1.420653	357.3	01Jan2015, 06:18	28.2
RT.QR8	1.420653	353.3	01Jan2015, 06:19	28.2
QR4_P	0.2437	0.1	02Jan2015, 00:00	0.1
QR4_I	0.2249	116.9	01Jan2015, 06:22	10.4
QR4	0.4686	116.9	01Jan2015, 06:22	10.6
QR6_I	0.1436	86.5	01Jan2015, 06:18	6.7
QR6_P	0.1370	0.1	01Jan2015, 08:17	0.2
QR6	0.2806	86.5	01Jan2015, 06:18	6.8
QR1_I	0.1372	90.5	01Jan2015, 06:15	6.4
QR1_P	0.1318	0.0	02Jan2015, 00:00	0.0
QR1	0.2690	90.5	01Jan2015, 06:15	6.4
RT.QR1	0.2690	90.3	01Jan2015, 06:17	6.4
QR3_P	0.1003	0.0	02Jan2015, 00:00	0.0
QR3_I	0.0952	63.1	01Jan2015, 06:15	4.4
QR3	0.1955	63.1	01Jan2015, 06:15	4.4
RT.QR3	0.1955	62.9	01Jan2015, 06:19	4.4
QR2_I	0.0325	24.7	01Jan2015, 06:12	1.5
QR2_P	0.0312	0.0	02Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	24.7	01Jan2015, 06:12	1.5
QR3_6	1.2774	368.8	01Jan2015, 06:18	29.8
QR15_P	0.0668	0.1	01Jan2015, 08:18	0.1
QR15_I	0.0627	36.7	01Jan2015, 06:19	2.9
QR15	0.1295	36.7	01Jan2015, 06:19	3.0
QR3_15	2.827553	758.5	01Jan2015, 06:19	60.9
RT.QR4	2.827553	682.9	01Jan2015, 06:26	60.1
QR20_I	0.2242	108.6	01Jan2015, 06:25	10.4
QR20_P	0.0961	0.1	01Jan2015, 09:09	0.1
QR20	0.3203	108.6	01Jan2015, 06:25	10.5
QR3_20	3.147853	791.3	01Jan2015, 06:26	70.6
RT.QR20	3.147853	789.3	01Jan2015, 06:29	70.5
QR23_I	0.2380	133.8	01Jan2015, 06:20	11.1
QR23_P	0.2265	0.0	02Jan2015, 00:02	0.0
QR23	0.4645	133.8	01Jan2015, 06:20	11.1
QR24_P	0.2066	0.0	02Jan2015, 00:02	0.0
QR24_I	0.1995	118.5	01Jan2015, 06:18	9.3
QR24	0.4061	118.5	01Jan2015, 06:18	9.3
QR21_I	0.1826	83.7	01Jan2015, 06:27	8.5
QR21_P	0.1435	0.2	01Jan2015, 08:35	0.2
QR21	0.3261	83.7	01Jan2015, 06:27	8.6
RT.QR21	0.3261	83.6	01Jan2015, 06:31	8.7
QR26_I	0.1547	89.7	01Jan2015, 06:19	7.2
QR26_P	0.0797	0.1	01Jan2015, 08:18	0.1
QR26	0.2344	89.7	01Jan2015, 06:19	7.3
QR25_P	0.1312	0.0	01Jan2015, 00:00	0.0
QR25_I	0.1024	74.5	01Jan2015, 06:13	4.8
QR25	0.2336	74.5	01Jan2015, 06:13	4.8
QR27_I	0.0925	52.8	01Jan2015, 06:19	4.3
QR27_P	0.0478	0.1	01Jan2015, 08:19	0.1
QR27	0.1403	52.8	01Jan2015, 06:19	4.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1227.8	01Jan2015, 06:26	115.9
RT.QR24	4.952853	1216.0	01Jan2015, 06:33	115.8
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	136.4	01Jan2015, 06:15	9.4
PW4	0.4222	136.4	01Jan2015, 06:15	9.4
QR3_25_PW4	5.375053	1272.7	01Jan2015, 06:32	125.3
RT.PW4	5.375053	1261.3	01Jan2015, 06:40	125.3
PW3_P	0.1919	0.1	01Jan2015, 09:02	0.2
PW3_I	0.1536	117.0	01Jan2015, 06:12	7.1
PW3	0.3455	117.0	01Jan2015, 06:12	7.3
PW2_I	0.0511	41.1	01Jan2015, 06:11	2.4
PW2_P	0.0494	0.1	01Jan2015, 08:05	0.1
PW2	0.1005	41.1	01Jan2015, 06:11	2.4
QR26_PW3	0.4460	157.7	01Jan2015, 06:11	9.7
RT.PW3	0.4460	155.1	01Jan2015, 06:20	9.7
PW7_I	0.2944	196.4	01Jan2015, 06:15	13.7
PW7_P	0.1809	0.2	01Jan2015, 08:12	0.2
PW7	0.4753	196.4	01Jan2015, 06:15	13.9
PW6_I	0.2457	143.8	01Jan2015, 06:19	11.4
PW6_P	0.2093	2.7	01Jan2015, 06:38	0.8
PW6	0.4550	144.7	01Jan2015, 06:19	12.2
PW1_I	0.0684	51.4	01Jan2015, 06:12	3.2
PW1_P	0.0352	0.0	01Jan2015, 08:07	0.0
PW1	0.1036	51.4	01Jan2015, 06:12	3.2
PW3_PW7	1.4799	521.3	01Jan2015, 06:18	39.0
RT.PW7	1.4799	518.7	01Jan2015, 06:21	39.0
PW10_I	0.2594	179.0	01Jan2015, 06:14	12.0
PW10_P	0.1486	0.0	02Jan2015, 00:00	0.0
PW10	0.4080	179.0	01Jan2015, 06:14	12.1
PW12_I	0.2062	134.3	01Jan2015, 06:15	9.6
PW12_P	0.1395	0.3	01Jan2015, 07:08	0.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12	0.3457	134.3	01Jan2015, 06:15	9.8
PW5_I	0.1171	87.1	01Jan2015, 06:12	5.4
PW5_P	0.0635	0.0	01Jan2015, 00:00	0.0
PW5	0.1806	87.1	01Jan2015, 06:12	5.4
PW5.1_I	0.0097	9.0	01Jan2015, 06:08	0.5
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	9.0	01Jan2015, 06:08	0.5
PW5_5.1	0.1971	94.4	01Jan2015, 06:12	5.9
RT.PW5	0.1971	94.0	01Jan2015, 06:18	5.9
PW9_I	0.0738	53.7	01Jan2015, 06:13	3.4
PW9_P	0.0465	0.0	02Jan2015, 00:00	0.0
PW9	0.1203	53.7	01Jan2015, 06:13	3.4
PW9.1_I	0.0056	5.6	01Jan2015, 06:07	0.3
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	5.6	01Jan2015, 06:07	0.3
PW9_9.1	0.1298	57.2	01Jan2015, 06:12	3.7
PW5_9	0.3269	145.0	01Jan2015, 06:16	9.6
RT.PW9	0.3269	144.4	01Jan2015, 06:21	9.7
PW8_I	0.0720	46.4	01Jan2015, 06:16	3.3
PW8_P	0.06108	0.0	01Jan2015, 00:00	0.0
PW8	0.13308	46.4	01Jan2015, 06:16	3.3
PW10.2_I	0.0089	5.9	01Jan2015, 06:15	0.4
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	5.9	01Jan2015, 06:15	0.4
PW10.1_I	0.0037	3.8	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	3.8	01Jan2015, 06:06	0.2
PW1_12	8.088833	1692.3	01Jan2015, 06:36	199.8
RT.PW10	8.088833	1684.6	01Jan2015, 06:40	199.8
VRW3_I	0.1758	112.4	01Jan2015, 06:16	8.2
VRW3_P	0.1745	0.0	02Jan2015, 00:01	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW_VRW3	8.439133	1720.7	01Jan2015, 06:40	207.9
VRW3	0.3503	112.4	01Jan2015, 06:16	8.2
RT.VRW3	8.439133	1715.7	01Jan2015, 06:44	207.9
PW15_I	0.2323	150.2	01Jan2015, 06:16	10.8
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	150.2	01Jan2015, 06:16	10.8
PW14.1_I	0.1245	79.7	01Jan2015, 06:16	5.8
PW14.1_P	0.0879	0.0	02Jan2015, 00:00	0.0
PW14.1	0.2124	79.7	01Jan2015, 06:16	5.8
PW13_I	0.0313	19.7	01Jan2015, 06:16	1.5
PW13_P	0.0238	0.0	02Jan2015, 00:01	0.0
PW13	0.0551	19.7	01Jan2015, 06:16	1.5
PW14.2_I	0.0149	10.3	01Jan2015, 06:14	0.7
PW14.2_P	0.0095	0.0	01Jan2015, 00:00	0.0
PW14.2	0.0244	10.3	01Jan2015, 06:14	0.7
PW13_14.2	0.0795	29.8	01Jan2015, 06:16	2.1
RT.PW13	0.0795	29.7	01Jan2015, 06:31	2.2
PW13_14.1	0.2919	84.9	01Jan2015, 06:17	8.0
RT.PW14.1	0.2919	84.7	01Jan2015, 06:20	8.0
PW14_I	0.0692	45.1	01Jan2015, 06:15	3.2
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	45.1	01Jan2015, 06:15	3.2
PW15.1_I	0.0144	13.4	01Jan2015, 06:08	0.7
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	13.4	01Jan2015, 06:08	0.7
PW14_VRW3	9.274533	1814.7	01Jan2015, 06:43	230.6
RT.PW14	9.274533	1812.5	01Jan2015, 06:44	230.6
VR5_I	0.1379	79.7	01Jan2015, 06:19	6.4
VR5_P	0.1197	0.0	01Jan2015, 00:00	0.0
VR5	0.2576	79.7	01Jan2015, 06:19	6.4
TVI1_I	0.0500	32.9	01Jan2015, 06:15	2.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	32.9	01Jan2015, 06:15	2.3
TVI1.1_I	0.0487	36.4	01Jan2015, 06:12	2.3
TVI1.1_P	0.0149	0.0	01Jan2015, 00:00	0.0
TVI1.1	0.0636	36.4	01Jan2015, 06:12	2.3
TVI_TOTAL	0.1595	68.2	01Jan2015, 06:13	4.6
RT.TVI	0.1595	68.1	01Jan2015, 06:15	4.6
VR_TVI_PW	9.691633	1855.4	01Jan2015, 06:43	241.5
RT.VR5	9.691633	1854.5	01Jan2015, 06:46	241.6
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	51.9	01Jan2015, 06:15	3.7
SEV1	0.1696	51.9	01Jan2015, 06:15	3.7
VR_TVI_PW_SEV	9.861233	1865.5	01Jan2015, 06:46	245.3
RT.SEV1	9.861233	1865.0	01Jan2015, 06:48	245.5
VRW1_I	0.1758	115.5	01Jan2015, 06:15	8.2
VRW1_P	0.1559	0.1	02Jan2015, 00:00	0.1
VRW1	0.3317	115.5	01Jan2015, 06:15	8.2
PW11_I	0.0825	57.5	01Jan2015, 06:14	3.8
PW11_P	0.0444	2.0	01Jan2015, 06:22	0.3
PW11	0.1269	58.8	01Jan2015, 06:14	4.1
RT.PW11	0.1269	58.7	01Jan2015, 06:20	4.2
RT.PW11A	0.1269	58.6	01Jan2015, 06:21	4.2
PW11_VRW1	0.4586	165.5	01Jan2015, 06:18	12.4
RT.VRW1	0.4586	165.2	01Jan2015, 06:20	12.4
VRW2_I	0.1139	72.6	01Jan2015, 06:16	5.3
VRW2_P	0.0864	0.0	01Jan2015, 00:00	0.0
VRW2	0.2003	72.6	01Jan2015, 06:16	5.3
RT.VRW2	0.2003	72.4	01Jan2015, 06:18	5.3
RT.VRW2A	0.6589	236.7	01Jan2015, 06:20	17.7
VR2_I	0.1377	90.1	01Jan2015, 06:15	6.4
VR2_P	0.1126	0.0	01Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2	0.2503	90.1	01Jan2015, 06:15	6.4
VRW1_2_VR2	0.9092	319.3	01Jan2015, 06:19	24.1
RT.VR2	0.9092	318.9	01Jan2015, 06:21	24.1
VR4_I	0.1367	70.7	01Jan2015, 06:23	6.3
VR4_P	0.1165	0.6	01Jan2015, 06:51	0.3
VR4	0.2532	70.8	01Jan2015, 06:23	6.6
VR1_I	0.0497	36.0	01Jan2015, 06:13	2.3
VR1_P	0.0360	0.1	01Jan2015, 06:42	0.1
VR1	0.0857	36.0	01Jan2015, 06:13	2.4
VRW_VR1_4	1.2481	414.7	01Jan2015, 06:21	33.1
VR3_I	0.1746	107.1	01Jan2015, 06:17	8.1
VR3_P	0.1530	0.0	02Jan2015, 00:02	0.0
VR3	0.3276	107.1	01Jan2015, 06:17	8.1
VR6_P	0.1236	4.7	01Jan2015, 06:32	0.8
VR6_I	0.0691	37.3	01Jan2015, 06:21	3.2
VR6	0.1927	40.8	01Jan2015, 06:22	4.0
Las Ventanas Dam	1.7684	50.5	01Jan2015, 07:22	45.3
RT.LVDD	1.7684	50.5	01Jan2015, 07:25	45.3
VR7_I	0.1062	58.8	01Jan2015, 06:20	4.9
VR7_P	0.0886	0.0	01Jan2015, 00:00	0.0
VR7	0.1948	58.8	01Jan2015, 06:20	4.9
Little Window Dam	0.1948	16.1	01Jan2015, 06:52	4.9
LVDD_LWD	1.9632	66.1	01Jan2015, 07:05	50.2
RT.LWD	1.9632	66.1	01Jan2015, 07:07	50.2
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	6.1	01Jan2015, 06:11	0.4
SEV2	0.0552	6.1	01Jan2015, 06:11	0.4
SWINBURNE_INFLOW	11.879633	1930.7	01Jan2015, 06:48	296.1

5/27/2016

24-hr storm

Developed Conditions Model #2 Analysis Points (AMAFCA White Paper Methodolgy - BHI 2015)										
Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)
		Unbulked	Bulked					Unbulked	Bulked	
AP1 (QR3_15)						AP6 (PW_VRW3)				
2	1.8%	759	772	61		2	3.6%	1,138	1179	207
10	2.7%	1,525	1,566	120		10	6.0%	2,366	2508	394
100	3.6%	2,840	2,942	211		100	8.9%	4,248	4,627	670
AP2 (QR3_20)						AP7 (PW14_VRW3)				
2	3.2%	791	817	71		2	6.0%	1,314	1393	230
10	4.6%	1,512	1,581	136		10	9.3%	2,730	2984	435
100	6.7%	2,651	2,829	234		100	12.9%	4,875	5,504	737
AP3 (QR3_24)- Flow into QRP						AP8 (VR_TVI_PW)				
2	2.4%	1,228	1,257	116		2	6.0%	1,392	1476	241
10	3.5%	2,395	2,479	222		10	9.3%	2,892	3161	454
100	4.6%	4,288	4,485	379		100	12.9%	5,143	5,807	769
AP3 (QRP_OUT)										
2	2.4%	301	308	115						
10	3.5%	577	597	221						
100	4.6%	837	875	378						
AP4 (QR3_25_PW4)						AP9 (VR_TVI_PW_SEV)				
2	3.9%	311	323	125		2	6.4%	1,410	1500	245
10	5.9%	594	629	238		10	9.4%	2,931	3206	461
100	8.2%	865	936	406		100	10.6%	5,213	5,766	780
AP5 (PW1_12)						AP10 (SWINBURNE_INFLOW)				
2	4.2%	1,073	1,118	199		2	7.1%	1,471	1576	295
10	6.8%	2,241	2,393	379		10	9.8%	3,007	3302	557
100	9.0%	4,046	4,410	645		100	13.3%	5,306	6,011	944

* Bulking Factors were updated on 3/24/16, values provided by Tetra Tech in the AMAFCA comment/response letter for DCM#2

* Bulking factors provided on 5/13/16 by Tetra Tech. SJG confirmed/edited as needed to match Tetra tech's numbers. Highlighted yellow if confirmed/edited.

* Bulking factors provided on 5/20/16 by Tetra Tech. SJG confirmed/edited as needed to match Tetra tech's numbers. Highlighted yellow if confirmed/edited.

6-hr storms

6-hr storms

24-hr storms

1999 Developed Conditions Analysis Points AHYMO						2015 Developed Conditions Model #2 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)						2015 Developed Conditions Model #2 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)				
Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac- ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)
		Unbulked	Bulked					Unbulked	Bulked					Unbulked	Bulked	
Concentration Point 4						AP2 (QR3_20)						AP2 (QR3_20)				
2	--	540	870	48		2	3.2%	737	761	52		2	3.2%	791	817	71
5	--	930	1680	76		5	4.0%	--	--	--		5	4.0%	1,189	1,236	107
10	--	1,280	2300	99		10	4.6%	1,431	1497	103		10	4.6%	1,512	1,581	136
25	--	1,780	3380	132		25	5.5%	--	--	--		25	5.5%	1,938	2,044	174
50	--	2,160	2380	157		50	6.1%	--	--	--		50	6.1%	2,279	2,417	203
100	--	2,560	2820	184		100	6.7%	2,531	2700	187		100	6.7%	2,651	2,829	234
Concentration Point 2						AP4 (QR3_25_PW4)						AP4 (QR3_25_PW4)				
2	--	610	980	66		2	3.90%	255	265	92		2	3.9%	311	323	125
5	--	1,070	1930	106		5	5.1%	--	--	--		5	5.1%	488	513	187
10	--	1,480	2680	139		10	5.90%	543	575	183		10	5.9%	594	629	238
25	--	2,110	4010	185		25	6.8%	--	--	--		25	6.8%	708	756	303
50	--	2,550	2800	221		50	7.4%	--	--	--		50	7.4%	789	847	353
100	--	2,990	3290	258		100	8.20%	824	892	328		100	8.2%	865	936	406
Concentration Point 1						AP5 (PW1_12)						AP5 (PW1_12)				
2	--	870	1370	120		2	4.2%	986	1027	147		2	4.2%	1,073	1,118	199
5	--	1,530	2750	192		5	6.0%	--	--	--		5	6.0%	1,721	1,824	299
10	--	2,120	3820	250		10	6.8%	2,101	2244	293		10	6.8%	2,241	2,393	379
25	--	3,130	5950	334		25	7.7%	--	--	--		25	7.7%	2,922	3,146	482
50	--	3,770	4150	397		50	8.2%	--	--	--		50	8.2%	3,460	3,743	561
100	--	4,460	4910	465		100	9.0%	3,831	4175	523		100	9.0%	4,046	4,410	645
Concentration Point L						AP9 (VR_TVI_PW_SEV)						AP9 (VR_TVI_PW_SEV)				
2	--	910	1460	142		2	6.4%	1,297	1380	182		2	6.4%	1,410	1,500	245
5	--	1,610	3000	227		5	8.3%	--	--	--		5	8.3%	2,261	2,448	365
10	--	2,220	4000	296		10	9.4%	2,768	3028	358		10	9.4%	2,931	3,206	461
25	--	3,350	6370	395		25	10.7%	--	--	--		25	10.7%	3,792	4,198	585
50	--	4,070	4480	472		50	11.3%	--	--	--		50	11.3%	4,473	4,979	679
100	--	4,810	5290	551		100	10.6%	4,974	5501	634		100	10.6%	5,213	5,766	780
Concentration Point 0						AP10 (SWINBURNE_INFLOW)						AP10 (SWINBURNE_INFLOW)				
2	--	970	1540	188		2	7.1%	1,355	1,451	220		2	7.1%	1,471	1,576	295
5	--	1,680	3020	295		5	8.7%	--	--	--		5	8.7%	2,331	2,533	441
10	--	2,310	4160	380		10	9.8%	2,840	3,118	433		10	9.8%	3,007	3,302	557
25	--	3,470	6590	498		25	11.0%	--	--	--		25	11.0%	3,876	4,302	708
50	--	4,200	4620	587		50	12.0%	--	--	--		50	12.0%	4,563	5,110	822
100	--	4,950	5450	680		100	13.3%	5,064	5,738	768		100	13.3%	5,306	6,011	944

*Bulking factors were copied from DCM1 on 11/10/15, however, actual factors need to be checked.

* Bulking factors provided on 5/13/16 by Tetra Tech. SJG confirmed/edited as needed to match Tetra tech's numbers. Highlighted yellow if confirmed/edited

WBCA - DCM#2 Peak Discharge Summary for all 24-hr Events

5/27/2016

DCM#2

DCM#2 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR9_P	0.3345	214	0	0	29	4	137	11
	QR9_I	0.2966	190	186	14	362	25	600	38
	QR9	0.6311	404	186	14	382	28	724	49
	QR7_P	0.284053	182	0	0	13	2	81	8
	QR7_I	0.1862	119	109	9	213	15	353	24
	QR7	0.470253	301	109	9	220	18	424	32
	QR8_P	0.2071	133	0	0	10	2	58	6
	QR8_I	0.1122	72	64	5	125	9	207	15
	QR8	0.3193	204	64	5	130	11	258	20
	QR7_9	1.420653	909	357	28	729	57	1,396	101
	RT.QR8	1.420653	909	353	28	714	56	1,349	101
	QR4_P	0.2437	156	0	0	13	2	69	7
	QR4_I	0.2249	144	117	10	228	19	378	29
	QR4	0.4686	300	117	11	236	21	439	36
	QR6_I	0.1436	92	87	7	169	12	279	19
	QR6_P	0.137	88	0	0	11	2	54	5
	QR6	0.2806	180	87	7	177	13	328	23
	QR1_I	0.1372	88	91	6	176	11	292	18
	QR1_P	0.1318	84	0	0	4	1	34	3
	QR1	0.269	172	91	6	178	12	319	21
	RT.QR1	0.269	172	90	6	177	12	317	21
	QR3_P	0.1003	64	0	0	4	1	29	3
	QR3_I	0.0952	61	63	4	123	8	203	12
	QR3	0.1955	125	63	4	125	9	228	15
	RT.QR3	0.1955	125	63	4	124	9	227	15
	QR2_I	0.0325	21	25	2	48	3	79	4
	QR2_P	0.0312	20	0	0	2	0	11	1
	QR2	0.0637	41	25	2	49	3	89	5
	QR3_6	1.2774	818	369	30	737	58	1,354	100
	QR15_P	0.0668	43	0	0	6	1	26	2
	QR15_I	0.0627	40	37	3	72	5	119	8
	QR15	0.1295	83	37	3	76	6	142	10
AP1	QR3_15	2.827553	1,810	759	61	1,525	120	2,840	211
	RT.QR4	2.827553	1,810	683	60	1,296	117	2,276	202
	QR20_I	0.2242	143	109	10	212	19	351	29
	QR20_P	0.0961	62	0	0	6	1	28	3
	QR20	0.3203	205	109	11	216	19	376	32
AP2	QR3_20	3.147853	2,015	791	71	1,512	136	2,651	234
	RT.QR20	3.147853	2,015	789	71	1,506	136	2,635	234
	QR23_I	0.238	152	134	11	261	20	432	31
	QR23_P	0.2265	145	0	0	5	1	45	5
	QR23	0.4645	297	134	11	262	21	468	36
	QR24_P	0.2066	132	0	0	5	1	43	4
	QR24_I	0.1995	128	119	9	231	17	383	26
	QR24	0.4061	260	119	9	232	18	417	30
	QR21_I	0.1826	117	84	9	163	15	271	24
	QR21_P	0.1435	92	0	0	10	2	43	5
	QR21	0.3261	209	84	9	171	17	310	28

WBCA - DCM#2 Peak Discharge Summary for all 24-hr Events

DCM#2

DCM#2 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	RT.QR21	0.3261	209	84	9	171	17	310	28
	QR26_I	0.1547	99	90	7	175	13	289	20
	QR26_P	0.0797	51	0	0	7	1	30	3
	QR26	0.2344	150	90	7	179	14	317	23
	QR25_P	0.1312	84	0	0	1	0	18	2
	QR25_I	0.1024	66	75	5	145	9	240	13
	QR25	0.2336	150	75	5	145	9	251	15
	QR27_I	0.0925	59	53	4	103	8	170	12
	QR27_P	0.0478	31	0	0	4	1	18	2
	QR27	0.1403	90	53	4	106	8	186	14
AP3-QRP	QR3_24	4.952853	3,170	1,228	116	2,395	222	4,288	379
	QRP	4.952853	3,170	301	115	577	221	837	378
	QRP_OUT	4.952853	3,170	301	115	577	221	837	378
	RT.QR24	4.952853	3,170	301	115	577	221	837	378
	PW4_P	0.2187	140	0	0	0	0	10	2
	PW4_I	0.2035	130	136	9	265	17	439	26
	PW4	0.4222	270	136	9	265	17	441	28
AP4	QR3_25_PW4	5.375053	3,440	311	125	594	238	865	406
	RT.PW4	5.375053	3,440	311	125	594	238	865	406
	PW3_P	0.1919	123	0	0	16	2	87	6
	PW3_I	0.1536	98	117	7	227	13	376	20
	PW3	0.3455	221	117	7	237	15	454	26
	PW2_I	0.0511	33	41	2	80	4	132	7
	PW2_P	0.0494	32	0	0	5	1	26	2
	PW2	0.1005	64	41	2	83	5	156	8
	QR26_PW3	0.446	285	158	10	319	19	609	34
	RT.PW3	0.446	285	155	10	311	19	582	34
	PW7_I	0.2944	188	196	14	382	24	633	38
	PW7_P	0.1809	116	0	0	16	2	79	6
	PW7	0.4753	304	196	14	394	26	704	44
	PW6_I	0.2457	157	144	11	280	20	464	32
	PW6_P	0.2093	134	3	1	36	4	122	9
	PW6	0.455	291	145	12	312	24	581	41
	PW1_I	0.0684	44	51	3	100	6	166	9
	PW1_P	0.0352	23	0	0	4	0	17	1
	PW1	0.1036	66	51	3	102	6	181	10
	PW3_PW7	1.4799	947	521	39	1,072	76	1,965	129
	RT.PW7	1.4799	947	519	39	1,067	76	1,952	129
	PW10_I	0.2594	166	179	12	348	21	577	34
	PW10_P	0.1486	95	0	0	5	1	40	3
	PW10	0.408	261	179	12	350	22	608	37
	PW12_I	0.2062	132	134	10	262	17	433	27
	PW12_P	0.1395	89	0	0	15	2	65	5
	PW12	0.3457	221	134	10	272	19	493	32
	PW5_I	0.1171	75	87	5	170	10	281	15
	PW5_P	0.0635	41	0	0	0	0	9	1
	PW5	0.1806	116	87	5	170	10	286	16
	PW5.1_I	0.0097	6	9	1	18	1	29	1
	PW5.1_P	0.0068	4	0	0	0	0	0	0

WBCA - DCM#2 Peak Discharge Summary for all 24-hr Events

DCM#2

DCM#2 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW5.1	0.0165	11	9	1	18	1	29	1
	PW5_5.1	0.1971	126	94	6	184	11	309	17
	RT.PW5	0.1971	126	94	6	183	11	308	18
	PW9_I	0.0738	47	54	3	104	6	173	10
	PW9_P	0.0465	30	0	0	2	0	15	1
	PW9	0.1203	77	54	3	105	6	185	11
	PW9.1_I	0.0056	4	6	0	11	1	18	1
	PW9.1_P	0.0039	2	0	0	0	0	0	0
	PW9.1	0.0095	6	6	0	11	1	18	1
	PW9_9.1	0.1298	83	57	4	112	7	196	12
	PW5_9	0.3269	209	145	10	288	18	497	29
	RT.PW9	0.3269	209	144	10	287	18	495	29
	PW8_I	0.072	46	46	3	90	6	150	9
	PW8_P	0.06108	39	0	0	0	0	6	1
	PW8	0.13308	85	46	3	90	6	153	10
	PW10.2_I	0.0089	6	6	0	12	1	19	1
	PW10.2_P	0.0055	4	0	0	0	0	0	0
	PW10.2	0.0144	9	6	0	12	1	19	1
	PW10.1_I	0.0037	2	4	0	7	0	12	1
	PW10.1_P	0.0021	1	0	0	0	0	0	0
	PW10.1	0.0058	4	4	0	7	0	12	1
AP5	PW1_12	8.088833	5,177	1,073	199	2,241	379	4,046	645
	RT.PW10	8.088833	5,177	1,059	199	2,194	379	3,930	644
	VRW3_I	0.1758	113	112	8	219	15	363	23
	VRW3_P	0.1745	112	0	0	4	1	39	4
AP6	PW_VRW3	8.439133	5,401	1,138	207	2,366	394	4,248	670
	VRW3	0.3503	224	112	8	220	15	393	26
	RT.VRW3	8.439133	5,401	1,128	207	2,331	394	4,166	669
	PW15_I	0.2323	149	150	11	292	19	484	30
	PW15_P	0.1688	108	0	0	0	0	7	1
	PW15	0.4011	257	150	11	292	19	485	31
	PW14.1_I	0.1245	80	80	6	155	10	257	16
	PW14.1_P	0.0879	56	0	0	3	1	22	2
	PW14.1	0.2124	136	80	6	156	11	275	18
	PW13_I	0.0313	20	20	2	38	3	64	4
	PW13_P	0.0238	15	0	0	1	0	5	1
	PW13	0.0551	35	20	2	39	3	68	5
	PW14.2_I	0.0149	10	10	1	20	1	33	2
	PW14.2_P	0.0095	6	0	0	0	0	1	0
	PW14.2	0.0244	16	10	1	20	1	34	2
	PW13_14.2	0.0795	51	30	2	58	4	101	7
	RT.PW13	0.0795	51	30	2	58	4	100	7
	PW13_14.1	0.2919	187	85	8	179	15	335	25
	RT.PW14.1	0.2919	187	85	8	179	15	334	25
	PW14_I	0.0692	44	45	3	88	6	146	9
	PW14_P	0.0499	32	0	0	0	0	2	0
	PW14	0.1191	76	45	3	88	6	146	9
	PW15.1_I	0.0144	9	13	1	26	1	43	2
	PW15.1_P	0.0089	6	0	0	0	0	0	0

WBCA - DCM#2 Peak Discharge Summary for all 24-hr Events

DCM#2

DCM#2 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW15.1	0.0233	15	13	1	26	1	43	2
AP7	PW14_VRW3	9.274533	5,936	1,314	230	2,730	435	4,875	737
	RT.PW14	9.274533	5,936	1,308	230	2,711	435	4,820	736
	VR5_I	0.1379	88	80	6	155	11	257	18
	VR5_P	0.1197	77	0	0	0	0	10	1
	VR5	0.2576	165	80	6	155	12	263	19
	TVI1_I	0.05	32	33	2	64	4	106	7
	TVI1_P	0.0459	29	0	0	0	0	2	0
	TVI1	0.0959	61	33	2	64	4	106	7
	TVI1.1_I	0.0487	31	36	2	71	4	117	6
	TVI1.1_P	0.0149	10	0	0	0	0	2	0
	TVI1.1	0.0636	41	36	2	71	4	119	7
	TVI_TOTAL	0.1595	102	68	5	133	8	222	13
	RT.TVI	0.1595	102	68	5	133	8	221	13
AP8	VR_TVI_PW	9.691633	6,203	1,392	241	2,892	454	5,143	769
	RT.VR5	9.691633	6,203	1,389	241	2,882	454	5,126	769
	SEV1_P	0.0904	58	0	0	0	0	3	1
	SEV1_I	0.0792	51	52	4	101	7	167	10
	SEV1	0.1696	109	52	4	101	7	168	11
AP9	VR_TVI_PW_SEV	9.861233	6,311	1,410	245	2,931	461	5,213	780
	RT.SEV1	9.861233	6,311	1,408	245	2,928	461	5,206	780
	VRW1_I	0.1758	113	116	8	225	15	373	23
	VRW1_P	0.1559	100	0	0	8	1	50	4
	VRW1	0.3317	212	116	8	229	16	415	27
	PW11_I	0.0825	53	58	4	112	7	185	11
	PW11_P	0.0444	28	2	0	15	1	41	3
	PW11	0.1269	81	59	4	126	8	226	13
	RT.PW11	0.1269	81	59	4	125	8	225	13
	RT.PW11A	0.1269	81	58	4	125	8	224	13
	PW11_VRW1	0.4586	294	161	12	344	24	631	40
	RT.VRW1	0.4586	294	161	12	344	24	631	40
	VRW2_I	0.1139	73	73	5	141	9	234	15
	VRW2_P	0.0864	55	0	0	1	0	15	2
	VRW2	0.2003	128	73	5	141	10	245	16
	RT.VRW2	0.2003	128	72	5	141	10	245	16
	RT.VRW2A	0.6589	422	230	18	484	33	874	56
	VR2_I	0.1377	88	90	6	176	11	291	18
	VR2_P	0.1126	72	0	0	1	0	15	2
	VR2	0.2503	160	90	6	176	12	300	20
	VRW1_2_VR2	0.9092	582	308	24	648	45	1,162	76
	RT.VR2	0.9092	582	308	24	648	45	1,159	76
	VR4_I	0.1367	87	71	6	138	11	229	18
	VR4_P	0.1165	75	1	0	14	2	51	5
	VR4	0.2532	162	71	7	149	13	277	22
	VR1_I	0.0497	32	36	2	70	4	116	6
	VR1_P	0.036	23	0	0	5	1	20	1
	VR1	0.0857	55	36	2	74	5	135	8
	VRW_VR1_4	1.2481	799	402	33	851	63	1,533	106
	VR3_I	0.1746	112	107	8	209	14	346	23

WBCA - DCM#2 Peak Discharge Summary for all 24-hr Events

DCM#2

DCM#2 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	VR3_P	0.153	98	0	0	4	1	33	3
	VR3	0.3276	210	107	8	210	15	371	26
	VR6_P	0.1236	79	5	1	32	3	88	7
	VR6_I	0.0691	44	37	3	73	6	121	9
	VR6	0.1927	123	41	4	103	9	207	16
	Las Ventanas Dam	1.7684	1,132	51	45	64	87	72	148
	RT.LVDD	1.7684	1,132	51	45	64	87	72	148
	VR7_I	0.1062	68	59	5	115	9	190	14
	VR7_P	0.0886	57	0	0	0	0	10	1
	VR7	0.1948	125	59	5	115	9	197	15
	Little Window Dam	0.1948	125	16	5	24	9	30	15
	LVDD_LWD	1.9632	1,256	66	50	87	96	102	163
	RT.LWD	1.9632	1,256	66	50	87	96	102	163
	SEV2_P	0.0476	30	0	0	0	0	2	0
	SEV2_I	0.0076	5	6	0	12	1	20	1
	SEV2	0.0552	35	6	0	12	1	20	1
AP10	SWINBURNE_INFLOW	11.87963	7,603	1,471	295	3,007	557	5,306	944

Project: DCM_2 Simulation Run: WBCA_DCM2_100YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 100_YR
 Compute Time: 17May2016, 20:32:47 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	136.9	01Jan2015, 06:21	10.9
QR9_I	0.2966	599.8	01Jan2015, 06:16	38.4
QR9	0.6311	724.2	01Jan2015, 06:17	49.4
QR7_P	0.284053	81.4	01Jan2015, 06:25	7.5
QR7_I	0.1862	353.4	01Jan2015, 06:18	24.1
QR7	0.470253	424.4	01Jan2015, 06:19	31.6
QR8_P	0.2071	57.8	01Jan2015, 06:26	5.5
QR8_I	0.1122	206.7	01Jan2015, 06:19	14.5
QR8	0.3193	257.5	01Jan2015, 06:21	20.0
QR7_9	1.420653	1396.3	01Jan2015, 06:18	101.0
RT.QR8	1.420653	1348.5	01Jan2015, 06:20	100.5
QR4_P	0.2437	69.0	01Jan2015, 06:29	6.9
QR4_I	0.2249	378.1	01Jan2015, 06:22	29.1
QR4	0.4686	439.4	01Jan2015, 06:23	36.1
QR6_I	0.1436	279.2	01Jan2015, 06:17	18.6
QR6_P	0.1370	54.0	01Jan2015, 06:23	4.5
QR6	0.2806	328.2	01Jan2015, 06:18	23.1
QR1_I	0.1372	291.9	01Jan2015, 06:15	17.8
QR1_P	0.1318	33.7	01Jan2015, 06:21	3.0
QR1	0.2690	319.1	01Jan2015, 06:16	20.8
RT.QR1	0.2690	317.3	01Jan2015, 06:17	20.7
QR3_P	0.1003	28.9	01Jan2015, 06:21	2.5
QR3_I	0.0952	203.4	01Jan2015, 06:15	12.3
QR3	0.1955	227.5	01Jan2015, 06:16	14.8
RT.QR3	0.1955	226.7	01Jan2015, 06:19	14.8
QR2_I	0.0325	79.3	01Jan2015, 06:12	4.2
QR2_P	0.0312	11.4	01Jan2015, 06:16	0.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	89.1	01Jan2015, 06:12	5.0
QR3_6	1.2774	1353.6	01Jan2015, 06:19	99.7
QR15_P	0.0668	25.6	01Jan2015, 06:24	2.2
QR15_I	0.0627	118.7	01Jan2015, 06:18	8.1
QR15	0.1295	142.0	01Jan2015, 06:19	10.3
QR3_15	2.827553	2840.1	01Jan2015, 06:19	210.5
RT.QR4	2.827553	2276.4	01Jan2015, 06:24	202.0
QR20_I	0.2242	351.0	01Jan2015, 06:25	29.0
QR20_P	0.0961	28.0	01Jan2015, 06:32	2.9
QR20	0.3203	376.1	01Jan2015, 06:25	32.0
QR3_20	3.147853	2651.4	01Jan2015, 06:24	233.9
RT.QR20	3.147853	2635.1	01Jan2015, 06:28	233.7
QR23_I	0.2380	432.0	01Jan2015, 06:19	30.8
QR23_P	0.2265	44.8	01Jan2015, 06:28	4.7
QR23	0.4645	468.3	01Jan2015, 06:20	35.6
QR24_P	0.2066	42.8	01Jan2015, 06:26	4.3
QR24_I	0.1995	382.5	01Jan2015, 06:18	25.8
QR24	0.4061	416.6	01Jan2015, 06:19	30.2
QR21_I	0.1826	270.7	01Jan2015, 06:27	23.7
QR21_P	0.1435	43.4	01Jan2015, 06:35	4.7
QR21	0.3261	310.4	01Jan2015, 06:28	28.4
RT.QR21	0.3261	310.1	01Jan2015, 06:31	28.4
QR26_I	0.1547	289.4	01Jan2015, 06:19	20.0
QR26_P	0.0797	30.3	01Jan2015, 06:24	2.6
QR26	0.2344	316.9	01Jan2015, 06:19	22.7
QR25_P	0.1312	18.4	01Jan2015, 06:21	1.9
QR25_I	0.1024	239.7	01Jan2015, 06:13	13.3
QR25	0.2336	251.4	01Jan2015, 06:13	15.2
QR27_I	0.0925	170.4	01Jan2015, 06:19	12.0
QR27_P	0.0478	17.9	01Jan2015, 06:25	1.6
QR27	0.1403	186.4	01Jan2015, 06:20	13.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	4287.5	01Jan2015, 06:25	379.1
QRP	4.952853	836.9	01Jan2015, 07:11	378.1
QRP_OUT	4.952853	836.9	01Jan2015, 07:11	378.1
RT.QR24	4.952853	836.8	01Jan2015, 07:19	378.2
PW4_P	0.2187	9.5	01Jan2015, 06:34	1.5
PW4_I	0.2035	439.1	01Jan2015, 06:15	26.4
PW4	0.4222	441.3	01Jan2015, 06:15	27.9
QR3_25_PW4	5.375053	864.9	01Jan2015, 07:08	406.1
RT.PW4	5.375053	864.6	01Jan2015, 07:17	406.2
PW7_I	0.2944	632.7	01Jan2015, 06:15	38.1
PW7_P	0.1809	78.9	01Jan2015, 06:19	5.9
PW7	0.4753	704.1	01Jan2015, 06:15	44.1
PW6_I	0.2457	464.4	01Jan2015, 06:18	31.8
PW6_P	0.2093	121.9	01Jan2015, 06:22	9.4
PW6	0.4550	580.7	01Jan2015, 06:19	41.2
PW3_P	0.1919	86.5	01Jan2015, 06:15	5.9
PW3_I	0.1536	376.1	01Jan2015, 06:12	19.9
PW3	0.3455	454.1	01Jan2015, 06:12	25.8
PW2_I	0.0511	132.2	01Jan2015, 06:10	6.6
PW2_P	0.0494	26.0	01Jan2015, 06:14	1.6
PW2	0.1005	155.9	01Jan2015, 06:11	8.2
QR26_PW3	0.4460	608.6	01Jan2015, 06:12	34.0
RT.PW3	0.4460	582.3	01Jan2015, 06:20	33.8
PW1_I	0.0684	165.5	01Jan2015, 06:12	8.9
PW1_P	0.0352	17.3	01Jan2015, 06:16	1.2
PW1	0.1036	181.0	01Jan2015, 06:12	10.0
PW3_PW7	1.4799	1965.1	01Jan2015, 06:18	129.1
RT.PW7	1.4799	1952.2	01Jan2015, 06:21	129.1
PW10_I	0.2594	576.5	01Jan2015, 06:14	33.6
PW10_P	0.1486	39.6	01Jan2015, 06:20	3.4
PW10	0.4080	608.3	01Jan2015, 06:14	37.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	433.4	01Jan2015, 06:15	26.7
PW12_P	0.1395	65.1	01Jan2015, 06:20	4.9
PW12	0.3457	492.9	01Jan2015, 06:16	31.6
PW5_I	0.1171	280.6	01Jan2015, 06:12	15.2
PW5_P	0.0635	9.1	01Jan2015, 06:20	0.9
PW5	0.1806	285.9	01Jan2015, 06:12	16.1
PW5.1_I	0.0097	29.0	01Jan2015, 06:08	1.3
PW5.1_P	0.0068	0.3	01Jan2015, 06:30	0.0
PW5.1	0.0165	29.0	01Jan2015, 06:08	1.3
PW5_5.1	0.1971	309.0	01Jan2015, 06:12	17.4
RT.PW5	0.1971	307.9	01Jan2015, 06:15	17.5
PW9_I	0.0738	172.8	01Jan2015, 06:13	9.6
PW9_P	0.0465	14.6	01Jan2015, 06:18	1.1
PW9	0.1203	185.0	01Jan2015, 06:13	10.7
PW9.1_I	0.0056	18.1	01Jan2015, 06:06	0.7
PW9.1_P	0.0039	0.3	01Jan2015, 06:19	0.0
PW9.1	0.0095	18.1	01Jan2015, 06:06	0.8
PW9_9.1	0.1298	195.7	01Jan2015, 06:12	11.5
PW5_9	0.3269	496.6	01Jan2015, 06:15	28.9
RT.PW9	0.3269	494.9	01Jan2015, 06:18	28.9
PW8_I	0.0720	149.6	01Jan2015, 06:16	9.3
PW8_P	0.06108	5.7	01Jan2015, 06:28	0.7
PW8	0.13308	152.7	01Jan2015, 06:16	10.0
PW10.2_I	0.0089	19.0	01Jan2015, 06:15	1.2
PW10.2_P	0.0055	0.2	01Jan2015, 06:35	0.0
PW10.2	0.0144	19.1	01Jan2015, 06:15	1.2
PW10.1_I	0.0037	12.2	01Jan2015, 06:06	0.5
PW10.1_P	0.0021	0.1	01Jan2015, 06:29	0.0
PW10.1	0.0058	12.2	01Jan2015, 06:06	0.5
PW1_12	8.088833	4045.5	01Jan2015, 06:20	644.5
RT.PW10	8.088833	3930.3	01Jan2015, 06:24	643.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	362.5	01Jan2015, 06:16	22.8
VRW3_P	0.1745	38.6	01Jan2015, 06:23	3.6
PW_VRW3	8.439133	4248.4	01Jan2015, 06:23	670.0
VRW3	0.3503	392.9	01Jan2015, 06:16	26.4
RT.VRW3	8.439133	4165.8	01Jan2015, 06:28	669.4
PW15_I	0.2323	484.0	01Jan2015, 06:15	30.1
PW15_P	0.1688	7.2	01Jan2015, 06:35	1.2
PW15	0.4011	485.4	01Jan2015, 06:16	31.3
PW14.1_I	0.1245	256.8	01Jan2015, 06:16	16.1
PW14.1_P	0.0879	21.9	01Jan2015, 06:23	2.0
PW14.1	0.2124	274.6	01Jan2015, 06:16	18.1
PW13_I	0.0313	63.7	01Jan2015, 06:16	4.1
PW13_P	0.0238	5.2	01Jan2015, 06:24	0.5
PW13	0.0551	67.7	01Jan2015, 06:17	4.6
PW14.2_I	0.0149	33.0	01Jan2015, 06:14	1.9
PW14.2_P	0.0095	1.1	01Jan2015, 06:24	0.1
PW14.2	0.0244	33.7	01Jan2015, 06:14	2.1
PW13_14.2	0.0795	100.7	01Jan2015, 06:16	6.6
RT.PW13	0.0795	100.2	01Jan2015, 06:26	6.7
PW13_14.1	0.2919	335.0	01Jan2015, 06:20	24.8
RT.PW14.1	0.2919	333.5	01Jan2015, 06:23	24.8
PW14_I	0.0692	145.6	01Jan2015, 06:15	9.0
PW14_P	0.0499	1.7	01Jan2015, 06:37	0.3
PW14	0.1191	145.8	01Jan2015, 06:15	9.3
PW15.1_I	0.0144	43.0	01Jan2015, 06:08	1.9
PW15.1_P	0.0089	0.4	01Jan2015, 06:23	0.1
PW15.1	0.0233	43.0	01Jan2015, 06:08	1.9
PW14_VRW3	9.274533	4875.4	01Jan2015, 06:27	736.7
RT.PW14	9.274533	4819.8	01Jan2015, 06:29	736.2
VR5_I	0.1379	257.2	01Jan2015, 06:19	17.9
VR5_P	0.1197	10.4	01Jan2015, 06:32	1.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	263.3	01Jan2015, 06:19	19.3
TVI1_I	0.0500	106.0	01Jan2015, 06:15	6.5
TVI1_P	0.0459	1.6	01Jan2015, 06:37	0.3
TVI1	0.0959	106.2	01Jan2015, 06:15	6.8
TVI1.1_I	0.0487	117.3	01Jan2015, 06:12	6.3
TVI1.1_P	0.0149	2.1	01Jan2015, 06:20	0.2
TVI1.1	0.0636	118.6	01Jan2015, 06:12	6.5
TVI_TOTAL	0.1595	221.5	01Jan2015, 06:13	13.3
RT.TVI	0.1595	221.1	01Jan2015, 06:14	13.3
VR_TVI_PW	9.691633	5143.2	01Jan2015, 06:28	768.7
RT.VR5	9.691633	5125.6	01Jan2015, 06:30	768.7
SEV1_P	0.0904	3.1	01Jan2015, 06:37	0.5
SEV1_I	0.0792	167.3	01Jan2015, 06:15	10.3
SEV1	0.1696	167.7	01Jan2015, 06:15	10.8
VR_TVI_PW_SEV	9.861233	5213.3	01Jan2015, 06:30	779.5
RT.SEV1	9.861233	5205.7	01Jan2015, 06:32	779.5
VRW1_I	0.1758	372.5	01Jan2015, 06:15	22.8
VRW1_P	0.1559	49.7	01Jan2015, 06:21	4.1
VRW1	0.3317	414.8	01Jan2015, 06:16	26.9
PW11_I	0.0825	185.0	01Jan2015, 06:14	10.7
PW11_P	0.0444	41.4	01Jan2015, 06:16	2.5
PW11	0.1269	225.5	01Jan2015, 06:14	13.2
RT.PW11	0.1269	224.8	01Jan2015, 06:18	13.2
RT.PW11A	0.1269	224.4	01Jan2015, 06:19	13.2
PW11_VRW1	0.4586	631.3	01Jan2015, 06:17	40.1
RT.VRW1	0.4586	630.5	01Jan2015, 06:18	40.1
VRW2_I	0.1139	234.1	01Jan2015, 06:16	14.8
VRW2_P	0.0864	14.7	01Jan2015, 06:24	1.5
VRW2	0.2003	244.7	01Jan2015, 06:16	16.3
RT.VRW2	0.2003	244.5	01Jan2015, 06:18	16.3
RT.VRW2A	0.6589	874.0	01Jan2015, 06:19	56.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	290.7	01Jan2015, 06:15	17.8
VR2_P	0.1126	14.7	01Jan2015, 06:25	1.6
VR2	0.2503	299.8	01Jan2015, 06:15	19.5
VRW1_2_VR2	0.9092	1161.8	01Jan2015, 06:18	75.9
RT.VR2	0.9092	1159.0	01Jan2015, 06:20	75.9
VR4_I	0.1367	228.5	01Jan2015, 06:22	17.7
VR4_P	0.1165	51.1	01Jan2015, 06:28	4.6
VR4	0.2532	276.5	01Jan2015, 06:23	22.3
VR1_I	0.0497	115.9	01Jan2015, 06:13	6.4
VR1_P	0.0360	20.4	01Jan2015, 06:16	1.3
VR1	0.0857	134.9	01Jan2015, 06:13	7.8
VRW_VR1_4	1.2481	1533.4	01Jan2015, 06:19	106.0
VR3_I	0.1746	345.7	01Jan2015, 06:17	22.6
VR3_P	0.1530	32.6	01Jan2015, 06:25	3.2
VR3	0.3276	371.3	01Jan2015, 06:17	25.8
VR6_P	0.1236	88.2	01Jan2015, 06:24	7.0
VR6_I	0.0691	120.6	01Jan2015, 06:21	9.0
VR6	0.1927	207.0	01Jan2015, 06:22	15.9
Las Ventanas Dam	1.7684	72.3	01Jan2015, 07:50	147.8
RT.LVDD	1.7684	72.3	01Jan2015, 07:53	147.8
VR7_I	0.1062	190.0	01Jan2015, 06:20	13.8
VR7_P	0.0886	10.2	01Jan2015, 06:32	1.3
VR7	0.1948	196.9	01Jan2015, 06:20	15.0
Little Window Dam	0.1948	30.3	01Jan2015, 07:06	15.0
LVDD_LWD	1.9632	102.1	01Jan2015, 07:20	162.8
RT.LWD	1.9632	102.1	01Jan2015, 07:21	162.8
SEV2_P	0.0476	1.8	01Jan2015, 06:32	0.3
SEV2_I	0.0076	19.6	01Jan2015, 06:10	1.0
SEV2	0.0552	19.7	01Jan2015, 06:11	1.3
SWINBURNE_INFLOW	11.879633	5305.6	01Jan2015, 06:32	943.6

Project: DCM_2 Simulation Run: WBCA_DCM2_50YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 50_YR
 Compute Time: 17May2016, 20:37:48 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	96.5	01Jan2015, 06:22	8.4
QR9_I	0.2966	525.7	01Jan2015, 06:16	34.2
QR9	0.6311	610.6	01Jan2015, 06:17	42.6
QR7_P	0.284053	54.8	01Jan2015, 06:26	5.6
QR7_I	0.1862	309.7	01Jan2015, 06:18	21.5
QR7	0.470253	355.1	01Jan2015, 06:19	27.1
QR8_P	0.2071	38.9	01Jan2015, 06:27	4.1
QR8_I	0.1122	181.2	01Jan2015, 06:19	12.9
QR8	0.3193	213.6	01Jan2015, 06:20	17.0
QR7_9	1.420653	1171.7	01Jan2015, 06:18	86.7
RT.QR8	1.420653	1136.2	01Jan2015, 06:20	86.3
QR4_P	0.2437	47.5	01Jan2015, 06:31	5.2
QR4_I	0.2249	331.3	01Jan2015, 06:22	25.9
QR4	0.4686	371.9	01Jan2015, 06:23	31.2
QR6_I	0.1436	244.7	01Jan2015, 06:17	16.6
QR6_P	0.1370	38.1	01Jan2015, 06:24	3.5
QR6	0.2806	278.3	01Jan2015, 06:18	20.0
QR1_I	0.1372	255.9	01Jan2015, 06:15	15.8
QR1_P	0.1318	21.6	01Jan2015, 06:23	2.2
QR1	0.2690	271.8	01Jan2015, 06:15	18.0
RT.QR1	0.2690	270.4	01Jan2015, 06:17	18.0
QR3_P	0.1003	19.0	01Jan2015, 06:22	1.8
QR3_I	0.0952	178.3	01Jan2015, 06:15	11.0
QR3	0.1955	192.9	01Jan2015, 06:15	12.8
RT.QR3	0.1955	192.2	01Jan2015, 06:19	12.8
QR2_I	0.0325	69.6	01Jan2015, 06:12	3.7
QR2_P	0.0312	7.6	01Jan2015, 06:17	0.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	75.6	01Jan2015, 06:12	4.4
QR3_6	1.2774	1148.6	01Jan2015, 06:19	86.3
QR15_P	0.0668	18.1	01Jan2015, 06:25	1.7
QR15_I	0.0627	104.0	01Jan2015, 06:18	7.2
QR15	0.1295	120.0	01Jan2015, 06:19	8.9
QR3_15	2.827553	2401.3	01Jan2015, 06:19	181.6
RT.QR4	2.827553	1953.9	01Jan2015, 06:25	175.1
QR20_I	0.2242	307.6	01Jan2015, 06:25	25.8
QR20_P	0.0961	19.6	01Jan2015, 06:33	2.2
QR20	0.3203	324.7	01Jan2015, 06:25	28.1
QR3_20	3.147853	2278.5	01Jan2015, 06:25	203.1
RT.QR20	3.147853	2266.4	01Jan2015, 06:28	202.9
QR23_I	0.2380	378.6	01Jan2015, 06:19	27.4
QR23_P	0.2265	28.4	01Jan2015, 06:30	3.4
QR23	0.4645	399.8	01Jan2015, 06:20	30.9
QR24_P	0.2066	27.0	01Jan2015, 06:27	3.1
QR24_I	0.1995	335.3	01Jan2015, 06:18	23.0
QR24	0.4061	354.7	01Jan2015, 06:18	26.1
QR21_I	0.1826	237.2	01Jan2015, 06:27	21.0
QR21_P	0.1435	30.9	01Jan2015, 06:35	3.6
QR21	0.3261	264.7	01Jan2015, 06:28	24.7
RT.QR21	0.3261	264.5	01Jan2015, 06:31	24.7
QR26_I	0.1547	253.7	01Jan2015, 06:19	17.8
QR26_P	0.0797	21.4	01Jan2015, 06:25	2.0
QR26	0.2344	272.6	01Jan2015, 06:19	19.8
QR25_P	0.1312	10.2	01Jan2015, 06:24	1.3
QR25_I	0.1024	210.1	01Jan2015, 06:13	11.8
QR25	0.2336	214.9	01Jan2015, 06:13	13.1
QR27_I	0.0925	149.4	01Jan2015, 06:19	10.7
QR27_P	0.0478	12.6	01Jan2015, 06:26	1.2
QR27	0.1403	160.3	01Jan2015, 06:20	11.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3662.1	01Jan2015, 06:25	329.4
QRP	4.952853	764.6	01Jan2015, 07:09	328.4
QRP_OUT	4.952853	764.6	01Jan2015, 07:09	328.4
RT.QR24	4.952853	764.5	01Jan2015, 07:17	328.4
PW4_P	0.2187	3.8	01Jan2015, 06:39	0.9
PW4_I	0.2035	385.0	01Jan2015, 06:15	23.5
PW4	0.4222	385.2	01Jan2015, 06:15	24.4
QR3_25_PW4	5.375053	788.9	01Jan2015, 07:08	352.8
RT.PW4	5.375053	788.7	01Jan2015, 07:17	352.9
PW7_I	0.2944	554.7	01Jan2015, 06:15	33.9
PW7_P	0.1809	55.5	01Jan2015, 06:20	4.6
PW7	0.4753	603.2	01Jan2015, 06:15	38.5
PW6_I	0.2457	407.1	01Jan2015, 06:18	28.3
PW6_P	0.2093	91.6	01Jan2015, 06:23	7.5
PW6	0.4550	493.3	01Jan2015, 06:19	35.8
PW3_P	0.1919	59.6	01Jan2015, 06:16	4.5
PW3_I	0.1536	329.8	01Jan2015, 06:12	17.7
PW3	0.3455	381.1	01Jan2015, 06:12	22.2
PW2_I	0.0511	115.9	01Jan2015, 06:10	5.9
PW2_P	0.0494	18.2	01Jan2015, 06:14	1.2
PW2	0.1005	131.9	01Jan2015, 06:11	7.1
QR26_PW3	0.4460	511.7	01Jan2015, 06:12	29.3
RT.PW3	0.4460	492.4	01Jan2015, 06:20	29.2
PW1_I	0.0684	145.1	01Jan2015, 06:12	7.9
PW1_P	0.0352	12.1	01Jan2015, 06:16	0.9
PW1	0.1036	155.5	01Jan2015, 06:12	8.8
PW3_PW7	1.4799	1673.0	01Jan2015, 06:18	112.3
RT.PW7	1.4799	1663.1	01Jan2015, 06:21	112.2
PW10_I	0.2594	505.4	01Jan2015, 06:14	29.9
PW10_P	0.1486	25.3	01Jan2015, 06:21	2.5
PW10	0.4080	524.0	01Jan2015, 06:14	32.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	379.9	01Jan2015, 06:15	23.8
PW12_P	0.1395	46.5	01Jan2015, 06:20	3.8
PW12	0.3457	421.2	01Jan2015, 06:16	27.5
PW5_I	0.1171	246.0	01Jan2015, 06:12	13.5
PW5_P	0.0635	5.0	01Jan2015, 06:23	0.6
PW5	0.1806	248.1	01Jan2015, 06:12	14.1
PW5.1_I	0.0097	25.4	01Jan2015, 06:08	1.1
PW5.1_P	0.0068	0.1	01Jan2015, 06:34	0.0
PW5.1	0.0165	25.4	01Jan2015, 06:08	1.1
PW5_5.1	0.1971	268.3	01Jan2015, 06:12	15.3
RT.PW5	0.1971	267.5	01Jan2015, 06:16	15.3
PW9_I	0.0738	151.5	01Jan2015, 06:13	8.5
PW9_P	0.0465	9.5	01Jan2015, 06:19	0.8
PW9	0.1203	158.9	01Jan2015, 06:13	9.4
PW9.1_I	0.0056	15.9	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.1	01Jan2015, 06:31	0.0
PW9.1	0.0095	15.9	01Jan2015, 06:06	0.7
PW9_9.1	0.1298	168.3	01Jan2015, 06:12	10.0
PW5_9	0.3269	429.1	01Jan2015, 06:15	25.3
RT.PW9	0.3269	427.3	01Jan2015, 06:18	25.4
PW8_I	0.0720	131.1	01Jan2015, 06:16	8.3
PW8_P	0.06108	3.0	01Jan2015, 06:33	0.5
PW8	0.13308	132.2	01Jan2015, 06:16	8.8
PW10.2_I	0.0089	16.7	01Jan2015, 06:15	1.0
PW10.2_P	0.0055	0.1	01Jan2015, 06:39	0.0
PW10.2	0.0144	16.7	01Jan2015, 06:15	1.0
PW10.1_I	0.0037	10.7	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 06:32	0.0
PW10.1	0.0058	10.7	01Jan2015, 06:06	0.4
PW1_12	8.088833	3459.5	01Jan2015, 06:20	560.6
RT.PW10	8.088833	3371.0	01Jan2015, 06:24	560.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	317.8	01Jan2015, 06:16	20.3
VRW3_P	0.1745	24.2	01Jan2015, 06:24	2.6
PW_VRW3	8.439133	3639.9	01Jan2015, 06:24	582.9
VRW3	0.3503	335.0	01Jan2015, 06:16	22.9
RT.VRW3	8.439133	3574.8	01Jan2015, 06:28	582.4
PW15_I	0.2323	424.3	01Jan2015, 06:15	26.8
PW15_P	0.1688	2.9	01Jan2015, 06:40	0.7
PW15	0.4011	424.3	01Jan2015, 06:15	27.5
PW14.1_I	0.1245	225.1	01Jan2015, 06:16	14.3
PW14.1_P	0.0879	14.1	01Jan2015, 06:24	1.5
PW14.1	0.2124	235.7	01Jan2015, 06:16	15.8
PW13_I	0.0313	55.8	01Jan2015, 06:16	3.6
PW13_P	0.0238	3.3	01Jan2015, 06:25	0.4
PW13	0.0551	58.1	01Jan2015, 06:17	4.0
PW14.2_I	0.0149	29.0	01Jan2015, 06:14	1.7
PW14.2_P	0.0095	0.6	01Jan2015, 06:28	0.1
PW14.2	0.0244	29.2	01Jan2015, 06:14	1.8
PW13_14.2	0.0795	86.6	01Jan2015, 06:16	5.8
RT.PW13	0.0795	86.2	01Jan2015, 06:27	5.9
PW13_14.1	0.2919	284.0	01Jan2015, 06:21	21.7
RT.PW14.1	0.2919	283.0	01Jan2015, 06:23	21.7
PW14_I	0.0692	127.6	01Jan2015, 06:15	8.0
PW14_P	0.0499	0.6	01Jan2015, 06:43	0.2
PW14	0.1191	127.6	01Jan2015, 06:15	8.1
PW15.1_I	0.0144	37.7	01Jan2015, 06:08	1.7
PW15.1_P	0.0089	0.2	01Jan2015, 06:33	0.0
PW15.1	0.0233	37.7	01Jan2015, 06:08	1.7
PW14_VRW3	9.274533	4183.6	01Jan2015, 06:27	641.4
RT.PW14	9.274533	4138.4	01Jan2015, 06:29	641.0
VR5_I	0.1379	225.5	01Jan2015, 06:19	15.9
VR5_P	0.1197	5.5	01Jan2015, 06:37	0.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	227.7	01Jan2015, 06:19	16.8
TVI1_I	0.0500	93.0	01Jan2015, 06:15	5.8
TVI1_P	0.0459	0.5	01Jan2015, 06:42	0.2
TVI1	0.0959	93.0	01Jan2015, 06:15	5.9
TVI1.1_I	0.0487	102.8	01Jan2015, 06:12	5.6
TVI1.1_P	0.0149	1.2	01Jan2015, 06:23	0.1
TVI1.1	0.0636	103.3	01Jan2015, 06:12	5.8
TVI_TOTAL	0.1595	193.4	01Jan2015, 06:13	11.7
RT.TVI	0.1595	193.0	01Jan2015, 06:14	11.7
VR_TVI_PW	9.691633	4414.2	01Jan2015, 06:28	669.5
RT.VR5	9.691633	4398.2	01Jan2015, 06:30	669.5
SEV1_P	0.0904	1.0	01Jan2015, 06:42	0.3
SEV1_I	0.0792	146.7	01Jan2015, 06:15	9.1
SEV1	0.1696	146.7	01Jan2015, 06:15	9.4
VR_TVI_PW_SEV	9.861233	4473.3	01Jan2015, 06:30	678.9
RT.SEV1	9.861233	4468.2	01Jan2015, 06:32	679.0
VRW1_I	0.1758	326.6	01Jan2015, 06:15	20.3
VRW1_P	0.1559	33.2	01Jan2015, 06:22	3.1
VRW1	0.3317	353.1	01Jan2015, 06:16	23.3
PW11_I	0.0825	162.2	01Jan2015, 06:14	9.5
PW11_P	0.0444	32.3	01Jan2015, 06:16	2.0
PW11	0.1269	193.6	01Jan2015, 06:14	11.6
RT.PW11	0.1269	193.2	01Jan2015, 06:18	11.6
RT.PW11A	0.1269	192.8	01Jan2015, 06:19	11.6
PW11_VRW1	0.4586	537.6	01Jan2015, 06:17	34.9
RT.VRW1	0.4586	536.9	01Jan2015, 06:18	35.0
VRW2_I	0.1139	205.2	01Jan2015, 06:16	13.1
VRW2_P	0.0864	8.8	01Jan2015, 06:26	1.1
VRW2	0.2003	210.6	01Jan2015, 06:16	14.2
RT.VRW2	0.2003	210.4	01Jan2015, 06:18	14.2
RT.VRW2A	0.6589	746.7	01Jan2015, 06:19	49.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	254.9	01Jan2015, 06:15	15.9
VR2_P	0.1126	8.2	01Jan2015, 06:28	1.1
VR2	0.2503	258.7	01Jan2015, 06:15	17.0
VRW1_2_VR2	0.9092	992.9	01Jan2015, 06:18	66.1
RT.VR2	0.9092	991.4	01Jan2015, 06:20	66.2
VR4_I	0.1367	200.2	01Jan2015, 06:22	15.8
VR4_P	0.1165	37.6	01Jan2015, 06:28	3.6
VR4	0.2532	235.0	01Jan2015, 06:23	19.4
VR1_I	0.0497	101.6	01Jan2015, 06:13	5.7
VR1_P	0.0360	14.8	01Jan2015, 06:17	1.1
VR1	0.0857	115.0	01Jan2015, 06:13	6.8
VRW_VR1_4	1.2481	1309.5	01Jan2015, 06:20	92.3
VR3_I	0.1746	303.0	01Jan2015, 06:17	20.1
VR3_P	0.1530	20.6	01Jan2015, 06:26	2.3
VR3	0.3276	317.6	01Jan2015, 06:17	22.4
VR6_P	0.1236	68.9	01Jan2015, 06:25	5.7
VR6_I	0.0691	105.7	01Jan2015, 06:21	8.0
VR6	0.1927	172.9	01Jan2015, 06:22	13.7
Las Ventanas Dam	1.7684	70.0	01Jan2015, 07:44	128.4
RT.LVDD	1.7684	70.0	01Jan2015, 07:47	128.4
VR7_I	0.1062	166.5	01Jan2015, 06:20	12.2
VR7_P	0.0886	5.8	01Jan2015, 06:35	0.9
VR7	0.1948	169.7	01Jan2015, 06:20	13.1
Little Window Dam	0.1948	28.6	01Jan2015, 07:03	13.1
LVDD_LWD	1.9632	98.2	01Jan2015, 07:19	141.6
RT.LWD	1.9632	98.2	01Jan2015, 07:20	141.6
SEV2_P	0.0476	0.6	01Jan2015, 06:36	0.2
SEV2_I	0.0076	17.2	01Jan2015, 06:10	0.9
SEV2	0.0552	17.2	01Jan2015, 06:10	1.0
SWINBURNE_INFLOW	11.879633	4562.6	01Jan2015, 06:32	821.6

Project: DCM_2 Simulation Run: WBCA_DCM2_25YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 25_YR
Compute Time: 17May2016, 20:35:01 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	63.3	01Jan2015, 06:23	6.2
QR9_I	0.2966	455.3	01Jan2015, 06:16	30.1
QR9	0.6311	508.1	01Jan2015, 06:17	36.3
QR7_P	0.284053	33.6	01Jan2015, 06:27	4.0
QR7_I	0.1862	268.2	01Jan2015, 06:18	18.9
QR7	0.470253	293.7	01Jan2015, 06:19	22.9
QR8_P	0.2071	24.0	01Jan2015, 06:29	2.9
QR8_I	0.1122	156.8	01Jan2015, 06:19	11.4
QR8	0.3193	175.2	01Jan2015, 06:20	14.3
QR7_9	1.420653	971.2	01Jan2015, 06:18	73.5
RT.QR8	1.420653	945.4	01Jan2015, 06:20	73.3
QR4_P	0.2437	30.2	01Jan2015, 06:32	3.8
QR4_I	0.2249	286.8	01Jan2015, 06:22	22.8
QR4	0.4686	310.9	01Jan2015, 06:23	26.6
QR6_I	0.1436	211.9	01Jan2015, 06:17	14.6
QR6_P	0.1370	25.0	01Jan2015, 06:25	2.5
QR6	0.2806	232.9	01Jan2015, 06:18	17.1
QR1_I	0.1372	221.7	01Jan2015, 06:15	13.9
QR1_P	0.1318	12.4	01Jan2015, 06:25	1.5
QR1	0.2690	229.4	01Jan2015, 06:15	15.4
RT.QR1	0.2690	228.3	01Jan2015, 06:17	15.4
QR3_P	0.1003	11.2	01Jan2015, 06:24	1.3
QR3_I	0.0952	154.5	01Jan2015, 06:15	9.7
QR3	0.1955	162.1	01Jan2015, 06:15	10.9
RT.QR3	0.1955	161.5	01Jan2015, 06:19	10.9
QR2_I	0.0325	60.3	01Jan2015, 06:12	3.3
QR2_P	0.0312	4.5	01Jan2015, 06:18	0.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	63.5	01Jan2015, 06:12	3.7
QR3_6	1.2774	963.5	01Jan2015, 06:19	73.8
QR15_P	0.0668	11.9	01Jan2015, 06:26	1.2
QR15_I	0.0627	90.1	01Jan2015, 06:18	6.4
QR15	0.1295	100.1	01Jan2015, 06:19	7.6
QR3_15	2.827553	2007.1	01Jan2015, 06:19	154.7
RT.QR4	2.827553	1660.9	01Jan2015, 06:25	149.9
QR20_I	0.2242	266.2	01Jan2015, 06:25	22.8
QR20_P	0.0961	12.8	01Jan2015, 06:35	1.6
QR20	0.3203	276.8	01Jan2015, 06:25	24.4
QR3_20	3.147853	1937.7	01Jan2015, 06:25	174.2
RT.QR20	3.147853	1927.9	01Jan2015, 06:28	174.1
QR23_I	0.2380	327.7	01Jan2015, 06:19	24.2
QR23_P	0.2265	16.1	01Jan2015, 06:32	2.3
QR23	0.4645	338.0	01Jan2015, 06:20	26.5
QR24_P	0.2066	15.2	01Jan2015, 06:30	2.1
QR24_I	0.1995	290.3	01Jan2015, 06:18	20.2
QR24	0.4061	299.5	01Jan2015, 06:18	22.4
QR21_I	0.1826	205.2	01Jan2015, 06:27	18.5
QR21_P	0.1435	20.6	01Jan2015, 06:37	2.7
QR21	0.3261	222.8	01Jan2015, 06:28	21.2
RT.QR21	0.3261	222.7	01Jan2015, 06:31	21.2
QR26_I	0.1547	219.7	01Jan2015, 06:19	15.7
QR26_P	0.0797	14.1	01Jan2015, 06:26	1.5
QR26	0.2344	231.5	01Jan2015, 06:19	17.2
QR25_P	0.1312	4.8	01Jan2015, 06:31	0.8
QR25_I	0.1024	182.1	01Jan2015, 06:13	10.4
QR25	0.2336	183.1	01Jan2015, 06:13	11.2
QR27_I	0.0925	129.3	01Jan2015, 06:19	9.4
QR27_P	0.0478	8.3	01Jan2015, 06:27	0.9
QR27	0.1403	136.2	01Jan2015, 06:20	10.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3094.3	01Jan2015, 06:25	282.8
QRP	4.952853	688.1	01Jan2015, 07:07	281.9
QRP_OUT	4.952853	688.1	01Jan2015, 07:07	281.9
RT.QR24	4.952853	688.0	01Jan2015, 07:14	281.9
PW4_P	0.2187	0.7	01Jan2015, 07:05	0.4
PW4_I	0.2035	333.6	01Jan2015, 06:15	20.7
PW4	0.4222	333.6	01Jan2015, 06:15	21.1
QR3_25_PW4	5.375053	708.3	01Jan2015, 07:08	303.0
RT.PW4	5.375053	708.1	01Jan2015, 07:17	303.1
PW7_I	0.2944	480.6	01Jan2015, 06:15	29.9
PW7_P	0.1809	36.3	01Jan2015, 06:21	3.4
PW7	0.4753	510.5	01Jan2015, 06:15	33.2
PW6_I	0.2457	352.5	01Jan2015, 06:18	24.9
PW6_P	0.2093	65.5	01Jan2015, 06:23	5.8
PW6	0.4550	412.9	01Jan2015, 06:19	30.7
PW3_P	0.1919	37.8	01Jan2015, 06:17	3.3
PW3_I	0.1536	285.9	01Jan2015, 06:12	15.6
PW3	0.3455	316.0	01Jan2015, 06:12	18.9
PW2_I	0.0511	100.5	01Jan2015, 06:10	5.2
PW2_P	0.0494	11.8	01Jan2015, 06:15	0.9
PW2	0.1005	110.1	01Jan2015, 06:11	6.1
QR26_PW3	0.4460	425.0	01Jan2015, 06:12	25.0
RT.PW3	0.4460	411.4	01Jan2015, 06:20	24.9
PW1_I	0.0684	125.8	01Jan2015, 06:12	6.9
PW1_P	0.0352	7.9	01Jan2015, 06:17	0.7
PW1	0.1036	132.1	01Jan2015, 06:12	7.6
PW3_PW7	1.4799	1405.9	01Jan2015, 06:18	96.5
RT.PW7	1.4799	1398.5	01Jan2015, 06:21	96.4
PW10_I	0.2594	437.9	01Jan2015, 06:14	26.3
PW10_P	0.1486	14.4	01Jan2015, 06:23	1.7
PW10	0.4080	446.9	01Jan2015, 06:14	28.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	329.1	01Jan2015, 06:15	20.9
PW12_P	0.1395	31.0	01Jan2015, 06:21	2.8
PW12	0.3457	355.3	01Jan2015, 06:16	23.7
PW5_I	0.1171	213.2	01Jan2015, 06:12	11.9
PW5_P	0.0635	2.3	01Jan2015, 06:31	0.4
PW5	0.1806	213.6	01Jan2015, 06:12	12.3
PW5.1_I	0.0097	22.0	01Jan2015, 06:08	1.0
PW5.1_P	0.0068	0.0	01Jan2015, 07:03	0.0
PW5.1	0.0165	22.0	01Jan2015, 06:08	1.0
PW5_5.1	0.1971	231.2	01Jan2015, 06:12	13.3
RT.PW5	0.1971	230.7	01Jan2015, 06:16	13.3
PW9_I	0.0738	131.3	01Jan2015, 06:13	7.5
PW9_P	0.0465	5.6	01Jan2015, 06:20	0.6
PW9	0.1203	135.1	01Jan2015, 06:13	8.1
PW9.1_I	0.0056	13.8	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.0	01Jan2015, 06:33	0.0
PW9.1	0.0095	13.8	01Jan2015, 06:06	0.6
PW9_9.1	0.1298	143.3	01Jan2015, 06:12	8.7
PW5_9	0.3269	367.2	01Jan2015, 06:15	22.0
RT.PW9	0.3269	365.2	01Jan2015, 06:18	22.0
PW8_I	0.0720	113.6	01Jan2015, 06:16	7.3
PW8_P	0.06108	1.2	01Jan2015, 06:38	0.3
PW8	0.13308	113.7	01Jan2015, 06:16	7.6
PW10.2_I	0.0089	14.5	01Jan2015, 06:15	0.9
PW10.2_P	0.0055	0.0	01Jan2015, 07:05	0.0
PW10.2	0.0144	14.5	01Jan2015, 06:15	0.9
PW10.1_I	0.0037	9.3	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 07:02	0.0
PW10.1	0.0058	9.3	01Jan2015, 06:06	0.4
PW1_12	8.088833	2921.5	01Jan2015, 06:20	482.2
RT.PW10	8.088833	2852.8	01Jan2015, 06:24	481.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	275.3	01Jan2015, 06:16	17.8
VRW3_P	0.1745	13.5	01Jan2015, 06:27	1.8
PW_VRW3	8.439133	3078.0	01Jan2015, 06:24	501.4
VRW3	0.3503	283.2	01Jan2015, 06:16	19.6
RT.VRW3	8.439133	3029.1	01Jan2015, 06:28	501.0
PW15_I	0.2323	367.5	01Jan2015, 06:15	23.6
PW15_P	0.1688	0.5	01Jan2015, 07:06	0.3
PW15	0.4011	367.5	01Jan2015, 06:15	23.9
PW14.1_I	0.1245	195.0	01Jan2015, 06:16	12.6
PW14.1_P	0.0879	8.1	01Jan2015, 06:26	1.0
PW14.1	0.2124	200.2	01Jan2015, 06:16	13.6
PW13_I	0.0313	48.3	01Jan2015, 06:16	3.2
PW13_P	0.0238	1.8	01Jan2015, 06:28	0.2
PW13	0.0551	49.4	01Jan2015, 06:16	3.4
PW14.2_I	0.0149	25.1	01Jan2015, 06:14	1.5
PW14.2_P	0.0095	0.3	01Jan2015, 06:35	0.1
PW14.2	0.0244	25.1	01Jan2015, 06:14	1.6
PW13_14.2	0.0795	73.9	01Jan2015, 06:16	5.0
RT.PW13	0.0795	73.6	01Jan2015, 06:27	5.1
PW13_14.1	0.2919	237.4	01Jan2015, 06:21	18.7
RT.PW14.1	0.2919	236.7	01Jan2015, 06:23	18.7
PW14_I	0.0692	110.5	01Jan2015, 06:15	7.0
PW14_P	0.0499	0.1	01Jan2015, 07:12	0.1
PW14	0.1191	110.5	01Jan2015, 06:15	7.1
PW15.1_I	0.0144	32.7	01Jan2015, 06:08	1.5
PW15.1_P	0.0089	0.0	01Jan2015, 07:01	0.0
PW15.1	0.0233	32.7	01Jan2015, 06:08	1.5
PW14_VRW3	9.274533	3544.0	01Jan2015, 06:27	552.2
RT.PW14	9.274533	3511.4	01Jan2015, 06:29	552.0
VR5_I	0.1379	195.3	01Jan2015, 06:19	14.0
VR5_P	0.1197	2.2	01Jan2015, 06:41	0.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	195.6	01Jan2015, 06:19	14.5
TVI1_I	0.0500	80.5	01Jan2015, 06:15	5.1
TVI1_P	0.0459	0.1	01Jan2015, 07:11	0.1
TVI1	0.0959	80.5	01Jan2015, 06:15	5.1
TVI1.1_I	0.0487	89.1	01Jan2015, 06:12	4.9
TVI1.1_P	0.0149	0.5	01Jan2015, 06:31	0.1
TVI1.1	0.0636	89.2	01Jan2015, 06:12	5.0
TVI_TOTAL	0.1595	167.2	01Jan2015, 06:13	10.2
RT.TVI	0.1595	166.9	01Jan2015, 06:14	10.2
VR_TVI_PW	9.691633	3743.1	01Jan2015, 06:28	576.7
RT.VR5	9.691633	3730.0	01Jan2015, 06:31	576.7
SEV1_P	0.0904	0.1	01Jan2015, 07:12	0.1
SEV1_I	0.0792	127.0	01Jan2015, 06:15	8.0
SEV1	0.1696	127.0	01Jan2015, 06:15	8.2
VR_TVI_PW_SEV	9.861233	3792.4	01Jan2015, 06:30	584.8
RT.SEV1	9.861233	3788.6	01Jan2015, 06:32	584.9
VRW1_I	0.1758	282.9	01Jan2015, 06:15	17.8
VRW1_P	0.1559	20.2	01Jan2015, 06:23	2.2
VRW1	0.3317	297.2	01Jan2015, 06:16	20.0
PW11_I	0.0825	140.5	01Jan2015, 06:14	8.4
PW11_P	0.0444	24.3	01Jan2015, 06:16	1.6
PW11	0.1269	163.9	01Jan2015, 06:14	10.0
RT.PW11	0.1269	163.4	01Jan2015, 06:18	10.0
RT.PW11A	0.1269	163.0	01Jan2015, 06:19	10.0
PW11_VRW1	0.4586	451.7	01Jan2015, 06:17	30.1
RT.VRW1	0.4586	450.9	01Jan2015, 06:18	30.1
VRW2_I	0.1139	177.7	01Jan2015, 06:16	11.6
VRW2_P	0.0864	4.5	01Jan2015, 06:31	0.7
VRW2	0.2003	179.8	01Jan2015, 06:16	12.3
RT.VRW2	0.2003	179.5	01Jan2015, 06:18	12.3
RT.VRW2A	0.6589	629.9	01Jan2015, 06:19	42.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	220.8	01Jan2015, 06:15	14.0
VR2_P	0.1126	3.9	01Jan2015, 06:34	0.7
VR2	0.2503	221.7	01Jan2015, 06:15	14.7
VRW1_2_VR2	0.9092	839.6	01Jan2015, 06:18	57.0
RT.VR2	0.9092	838.7	01Jan2015, 06:20	57.1
VR4_I	0.1367	173.3	01Jan2015, 06:22	13.9
VR4_P	0.1165	26.2	01Jan2015, 06:29	2.8
VR4	0.2532	196.9	01Jan2015, 06:23	16.6
VR1_I	0.0497	88.1	01Jan2015, 06:13	5.0
VR1_P	0.0360	10.0	01Jan2015, 06:17	0.8
VR1	0.0857	96.8	01Jan2015, 06:13	5.8
VRW_VR1_4	1.2481	1105.6	01Jan2015, 06:20	79.5
VR3_I	0.1746	262.4	01Jan2015, 06:17	17.7
VR3_P	0.1530	11.5	01Jan2015, 06:29	1.6
VR3	0.3276	269.2	01Jan2015, 06:17	19.3
VR6_P	0.1236	51.9	01Jan2015, 06:25	4.5
VR6_I	0.0691	91.5	01Jan2015, 06:21	7.0
VR6	0.1927	141.7	01Jan2015, 06:22	11.6
Las Ventanas Dam	1.7684	67.6	01Jan2015, 07:42	110.4
RT.LVDD	1.7684	67.6	01Jan2015, 07:45	110.4
VR7_I	0.1062	144.2	01Jan2015, 06:20	10.8
VR7_P	0.0886	2.8	01Jan2015, 06:39	0.5
VR7	0.1948	145.1	01Jan2015, 06:20	11.3
Little Window Dam	0.1948	27.0	01Jan2015, 07:00	11.3
LVDD_LWD	1.9632	94.3	01Jan2015, 07:15	121.7
RT.LWD	1.9632	94.3	01Jan2015, 07:16	121.7
SEV2_P	0.0476	0.1	01Jan2015, 07:06	0.1
SEV2_I	0.0076	14.9	01Jan2015, 06:11	0.8
SEV2	0.0552	14.9	01Jan2015, 06:11	0.8
SWINBURNE_INFLOW	1.879633	3876.1	01Jan2015, 06:32	707.5

Project: DCM_2 Simulation Run: WBCA_DCM2_10YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 10_YR
 Compute Time: 17May2016, 20:30:23 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	28.6	01Jan2015, 06:25	3.6
QR9_I	0.2966	362.0	01Jan2015, 06:16	24.5
QR9	0.6311	382.3	01Jan2015, 06:17	28.1
QR7_P	0.284053	13.2	01Jan2015, 06:32	2.2
QR7_I	0.1862	213.3	01Jan2015, 06:18	15.4
QR7	0.470253	220.4	01Jan2015, 06:19	17.5
QR8_P	0.2071	9.5	01Jan2015, 06:34	1.6
QR8_I	0.1122	124.7	01Jan2015, 06:19	9.3
QR8	0.3193	130.0	01Jan2015, 06:20	10.8
QR7_9	1.420653	729.1	01Jan2015, 06:18	56.5
RT.QR8	1.420653	713.5	01Jan2015, 06:20	56.3
QR4_P	0.2437	12.8	01Jan2015, 06:36	2.1
QR4_I	0.2249	228.1	01Jan2015, 06:22	18.6
QR4	0.4686	236.2	01Jan2015, 06:23	20.7
QR6_I	0.1436	168.5	01Jan2015, 06:17	11.9
QR6_P	0.1370	11.4	01Jan2015, 06:27	1.5
QR6	0.2806	176.7	01Jan2015, 06:18	13.3
QR1_I	0.1372	176.3	01Jan2015, 06:15	11.3
QR1_P	0.1318	4.2	01Jan2015, 06:33	0.8
QR1	0.2690	177.6	01Jan2015, 06:15	12.1
RT.QR1	0.2690	176.8	01Jan2015, 06:17	12.1
QR3_P	0.1003	4.0	01Jan2015, 06:30	0.7
QR3_I	0.0952	122.9	01Jan2015, 06:15	7.9
QR3	0.1955	124.5	01Jan2015, 06:15	8.5
RT.QR3	0.1955	124.0	01Jan2015, 06:18	8.5
QR2_I	0.0325	48.0	01Jan2015, 06:12	2.7
QR2_P	0.0312	1.7	01Jan2015, 06:23	0.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	48.7	01Jan2015, 06:12	2.9
QR3_6	1.2774	737.1	01Jan2015, 06:18	57.5
QR15_P	0.0668	5.5	01Jan2015, 06:28	0.7
QR15_I	0.0627	71.6	01Jan2015, 06:18	5.2
QR15	0.1295	75.5	01Jan2015, 06:19	5.9
QR3_15	2.827553	1525.2	01Jan2015, 06:19	119.7
RT.QR4	2.827553	1295.8	01Jan2015, 06:25	116.7
QR20_I	0.2242	211.7	01Jan2015, 06:25	18.5
QR20_P	0.0961	5.7	01Jan2015, 06:38	0.9
QR20	0.3203	215.8	01Jan2015, 06:25	19.4
QR3_20	3.147853	1511.6	01Jan2015, 06:25	136.2
RT.QR20	3.147853	1505.7	01Jan2015, 06:29	136.1
QR23_I	0.2380	260.7	01Jan2015, 06:20	19.7
QR23_P	0.2265	5.1	01Jan2015, 06:40	1.1
QR23	0.4645	262.3	01Jan2015, 06:20	20.8
QR24_P	0.2066	4.8	01Jan2015, 06:38	1.0
QR24_I	0.1995	230.9	01Jan2015, 06:18	16.5
QR24	0.4061	232.2	01Jan2015, 06:18	17.5
QR21_I	0.1826	163.2	01Jan2015, 06:27	15.1
QR21_P	0.1435	9.7	01Jan2015, 06:40	1.5
QR21	0.3261	170.6	01Jan2015, 06:28	16.6
RT.QR21	0.3261	170.5	01Jan2015, 06:31	16.6
QR26_I	0.1547	174.8	01Jan2015, 06:19	12.8
QR26_P	0.0797	6.5	01Jan2015, 06:29	0.9
QR26	0.2344	179.4	01Jan2015, 06:19	13.6
QR25_P	0.1312	0.7	01Jan2015, 06:41	0.3
QR25_I	0.1024	144.9	01Jan2015, 06:13	8.5
QR25	0.2336	144.9	01Jan2015, 06:13	8.8
QR27_I	0.0925	102.8	01Jan2015, 06:19	7.6
QR27_P	0.0478	3.8	01Jan2015, 06:29	0.5
QR27	0.1403	105.5	01Jan2015, 06:19	8.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	2394.7	01Jan2015, 06:25	221.6
QRP	4.952853	577.1	01Jan2015, 07:05	220.6
QRP_OUT	4.952853	577.1	01Jan2015, 07:05	220.6
RT.QR24	4.952853	577.0	01Jan2015, 07:12	220.7
PW4_P	0.2187	0.1	02Jan2015, 00:00	0.1
PW4_I	0.2035	265.4	01Jan2015, 06:15	16.8
PW4	0.4222	265.4	01Jan2015, 06:15	16.9
QR3_25_PW4	5.375053	594.1	01Jan2015, 07:08	237.6
RT.PW4	5.375053	593.9	01Jan2015, 07:17	237.7
PW7_I	0.2944	382.3	01Jan2015, 06:15	24.3
PW7_P	0.1809	16.3	01Jan2015, 06:23	2.0
PW7	0.4753	393.5	01Jan2015, 06:15	26.3
PW6_I	0.2457	280.3	01Jan2015, 06:18	20.3
PW6_P	0.2093	36.0	01Jan2015, 06:25	3.7
PW6	0.4550	311.7	01Jan2015, 06:19	24.0
PW3_P	0.1919	15.8	01Jan2015, 06:20	1.9
PW3_I	0.1536	227.4	01Jan2015, 06:12	12.7
PW3	0.3455	237.1	01Jan2015, 06:12	14.5
PW2_I	0.0511	79.9	01Jan2015, 06:10	4.2
PW2_P	0.0494	5.1	01Jan2015, 06:17	0.5
PW2	0.1005	83.3	01Jan2015, 06:11	4.8
QR26_PW3	0.4460	319.4	01Jan2015, 06:12	19.3
RT.PW3	0.4460	311.3	01Jan2015, 06:20	19.3
PW1_I	0.0684	100.0	01Jan2015, 06:12	5.6
PW1_P	0.0352	3.5	01Jan2015, 06:19	0.4
PW1	0.1036	102.3	01Jan2015, 06:12	6.0
PW3_PW7	1.4799	1071.6	01Jan2015, 06:18	75.5
RT.PW7	1.4799	1066.9	01Jan2015, 06:21	75.5
PW10_I	0.2594	348.3	01Jan2015, 06:14	21.4
PW10_P	0.1486	4.8	01Jan2015, 06:31	0.9
PW10	0.4080	349.7	01Jan2015, 06:14	22.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	261.7	01Jan2015, 06:15	17.0
PW12_P	0.1395	14.7	01Jan2015, 06:23	1.7
PW12	0.3457	272.4	01Jan2015, 06:16	18.7
PW5_I	0.1171	169.5	01Jan2015, 06:12	9.7
PW5_P	0.0635	0.4	01Jan2015, 06:40	0.2
PW5	0.1806	169.5	01Jan2015, 06:12	9.8
PW5.1_I	0.0097	17.5	01Jan2015, 06:08	0.8
PW5.1_P	0.0068	0.0	02Jan2015, 00:00	0.0
PW5.1	0.0165	17.5	01Jan2015, 06:08	0.8
PW5_5.1	0.1971	183.6	01Jan2015, 06:12	10.6
RT.PW5	0.1971	183.2	01Jan2015, 06:16	10.7
PW9_I	0.0738	104.4	01Jan2015, 06:13	6.1
PW9_P	0.0465	2.0	01Jan2015, 06:26	0.3
PW9	0.1203	105.2	01Jan2015, 06:13	6.4
PW9.1_I	0.0056	10.9	01Jan2015, 06:06	0.5
PW9.1_P	0.0039	0.0	02Jan2015, 00:00	0.0
PW9.1	0.0095	10.9	01Jan2015, 06:06	0.5
PW9_9.1	0.1298	111.9	01Jan2015, 06:12	6.9
PW5_9	0.3269	288.3	01Jan2015, 06:15	17.6
RT.PW9	0.3269	287.0	01Jan2015, 06:19	17.6
PW8_I	0.0720	90.4	01Jan2015, 06:16	5.9
PW8_P	0.06108	0.1	01Jan2015, 07:11	0.1
PW8	0.13308	90.4	01Jan2015, 06:16	6.0
PW10.2_I	0.0089	11.5	01Jan2015, 06:15	0.7
PW10.2_P	0.0055	0.0	02Jan2015, 00:00	0.0
PW10.2	0.0144	11.5	01Jan2015, 06:15	0.7
PW10.1_I	0.0037	7.4	01Jan2015, 06:06	0.3
PW10.1_P	0.0021	0.0	02Jan2015, 00:00	0.0
PW10.1	0.0058	7.4	01Jan2015, 06:06	0.3
PW1_12	8.088833	2241.1	01Jan2015, 06:20	378.9
RT.PW10	8.088833	2193.8	01Jan2015, 06:24	378.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	218.9	01Jan2015, 06:16	14.5
VRW3_P	0.1745	4.3	01Jan2015, 06:36	0.9
PW_VRW3	8.439133	2366.1	01Jan2015, 06:24	394.0
VRW3	0.3503	219.9	01Jan2015, 06:16	15.4
RT.VRW3	8.439133	2331.2	01Jan2015, 06:29	393.7
PW15_I	0.2323	292.2	01Jan2015, 06:16	19.2
PW15_P	0.1688	0.1	02Jan2015, 00:00	0.0
PW15	0.4011	292.2	01Jan2015, 06:16	19.2
PW14.1_I	0.1245	155.1	01Jan2015, 06:16	10.3
PW14.1_P	0.0879	2.8	01Jan2015, 06:34	0.5
PW14.1	0.2124	156.0	01Jan2015, 06:16	10.8
PW13_I	0.0313	38.4	01Jan2015, 06:16	2.6
PW13_P	0.0238	0.6	01Jan2015, 06:36	0.1
PW13	0.0551	38.6	01Jan2015, 06:16	2.7
PW14.2_I	0.0149	20.0	01Jan2015, 06:14	1.2
PW14.2_P	0.0095	0.0	01Jan2015, 07:04	0.0
PW14.2	0.0244	20.0	01Jan2015, 06:14	1.2
PW13_14.2	0.0795	58.1	01Jan2015, 06:15	4.0
RT.PW13	0.0795	57.8	01Jan2015, 06:28	4.0
PW13_14.1	0.2919	179.1	01Jan2015, 06:20	14.8
RT.PW14.1	0.2919	179.0	01Jan2015, 06:23	14.8
PW14_I	0.0692	87.9	01Jan2015, 06:15	5.7
PW14_P	0.0499	0.0	02Jan2015, 00:00	0.0
PW14	0.1191	87.9	01Jan2015, 06:15	5.7
PW15.1_I	0.0144	26.0	01Jan2015, 06:08	1.2
PW15.1_P	0.0089	0.0	02Jan2015, 00:00	0.0
PW15.1	0.0233	26.0	01Jan2015, 06:08	1.2
PW14_VRW3	9.274533	2729.9	01Jan2015, 06:27	434.7
RT.PW14	9.274533	2711.3	01Jan2015, 06:29	434.5
VR5_I	0.1379	155.3	01Jan2015, 06:19	11.4
VR5_P	0.1197	0.2	01Jan2015, 07:16	0.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	155.3	01Jan2015, 06:19	11.6
TVI1_I	0.0500	64.0	01Jan2015, 06:15	4.1
TVI1_P	0.0459	0.0	02Jan2015, 00:00	0.0
TVI1	0.0959	64.0	01Jan2015, 06:15	4.1
TVI1.1_I	0.0487	70.9	01Jan2015, 06:12	4.0
TVI1.1_P	0.0149	0.1	01Jan2015, 06:40	0.0
TVI1.1	0.0636	70.9	01Jan2015, 06:12	4.1
TVI_TOTAL	0.1595	132.8	01Jan2015, 06:13	8.2
RT.TVI	0.1595	132.6	01Jan2015, 06:14	8.2
VR_TVI_PW	9.691633	2892.0	01Jan2015, 06:29	454.3
RT.VR5	9.691633	2882.1	01Jan2015, 06:31	454.3
SEV1_P	0.0904	0.0	02Jan2015, 00:00	0.0
SEV1_I	0.0792	101.0	01Jan2015, 06:15	6.5
SEV1	0.1696	101.0	01Jan2015, 06:15	6.6
VR_TVI_PW_SEV	9.861233	2930.9	01Jan2015, 06:31	460.8
RT.SEV1	9.861233	2927.7	01Jan2015, 06:33	460.9
VRW1_I	0.1758	225.0	01Jan2015, 06:15	14.5
VRW1_P	0.1559	7.7	01Jan2015, 06:28	1.2
VRW1	0.3317	228.6	01Jan2015, 06:15	15.7
PW11_I	0.0825	111.8	01Jan2015, 06:14	6.8
PW11_P	0.0444	14.7	01Jan2015, 06:17	1.1
PW11	0.1269	125.6	01Jan2015, 06:14	7.9
RT.PW11	0.1269	125.2	01Jan2015, 06:19	8.0
RT.PW11A	0.1269	125.1	01Jan2015, 06:20	8.0
PW11_VRW1	0.4586	344.1	01Jan2015, 06:17	23.7
RT.VRW1	0.4586	343.8	01Jan2015, 06:19	23.7
VRW2_I	0.1139	141.4	01Jan2015, 06:16	9.4
VRW2_P	0.0864	1.1	01Jan2015, 06:40	0.3
VRW2	0.2003	141.4	01Jan2015, 06:16	9.7
RT.VRW2	0.2003	141.2	01Jan2015, 06:18	9.7
RT.VRW2A	0.6589	483.8	01Jan2015, 06:19	33.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	175.6	01Jan2015, 06:15	11.4
VR2_P	0.1126	0.6	01Jan2015, 06:45	0.3
VR2	0.2503	175.6	01Jan2015, 06:15	11.6
VRW1_2_VR2	0.9092	648.4	01Jan2015, 06:18	45.0
RT.VR2	0.9092	648.2	01Jan2015, 06:20	45.0
VR4_I	0.1367	137.8	01Jan2015, 06:22	11.3
VR4_P	0.1165	13.7	01Jan2015, 06:31	1.7
VR4	0.2532	149.3	01Jan2015, 06:23	13.0
VR1_I	0.0497	70.1	01Jan2015, 06:13	4.1
VR1_P	0.0360	4.9	01Jan2015, 06:19	0.5
VR1	0.0857	73.8	01Jan2015, 06:13	4.6
VRW_VR1_4	1.2481	851.0	01Jan2015, 06:20	62.6
VR3_I	0.1746	208.7	01Jan2015, 06:17	14.4
VR3_P	0.1530	3.6	01Jan2015, 06:37	0.8
VR3	0.3276	209.6	01Jan2015, 06:17	15.2
VR6_P	0.1236	31.7	01Jan2015, 06:26	3.1
VR6_I	0.0691	72.8	01Jan2015, 06:21	5.7
VR6	0.1927	102.7	01Jan2015, 06:23	8.8
Las Ventanas Dam	1.7684	64.0	01Jan2015, 07:34	86.6
RT.LVDD	1.7684	64.0	01Jan2015, 07:37	86.6
VR7_I	0.1062	114.7	01Jan2015, 06:20	8.8
VR7_P	0.0886	0.4	01Jan2015, 06:55	0.2
VR7	0.1948	114.7	01Jan2015, 06:20	9.0
Little Window Dam	0.1948	24.1	01Jan2015, 06:57	9.0
LVDD_LWD	1.9632	87.2	01Jan2015, 07:11	95.6
RT.LWD	1.9632	87.2	01Jan2015, 07:12	95.6
SEV2_P	0.0476	0.0	02Jan2015, 00:00	0.0
SEV2_I	0.0076	11.8	01Jan2015, 06:11	0.6
SEV2	0.0552	11.8	01Jan2015, 06:11	0.6
SWINBURNE_INFLOW	11.879633	3007.0	01Jan2015, 06:33	557.1

Project: DCM_2 Simulation Run: WBCA_DCM2_5YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 5_YR
Compute Time: 17May2016, 20:36:09 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	10.3	01Jan2015, 06:32	1.9
QR9_I	0.2966	286.3	01Jan2015, 06:16	19.9
QR9	0.6311	290.8	01Jan2015, 06:17	21.8
QR7_P	0.284053	3.6	01Jan2015, 06:41	1.0
QR7_I	0.1862	168.7	01Jan2015, 06:18	12.5
QR7	0.470253	169.1	01Jan2015, 06:18	13.5
QR8_P	0.2071	2.5	01Jan2015, 06:42	0.7
QR8_I	0.1122	98.6	01Jan2015, 06:19	7.5
QR8	0.3193	99.0	01Jan2015, 06:19	8.3
QR7_9	1.420653	556.5	01Jan2015, 06:18	43.6
RT.QR8	1.420653	547.2	01Jan2015, 06:19	43.5
QR4_P	0.2437	3.9	01Jan2015, 06:43	1.0
QR4_I	0.2249	180.3	01Jan2015, 06:22	15.1
QR4	0.4686	181.5	01Jan2015, 06:22	16.1
QR6_I	0.1436	133.3	01Jan2015, 06:18	9.6
QR6_P	0.1370	4.1	01Jan2015, 06:33	0.8
QR6	0.2806	135.2	01Jan2015, 06:18	10.4
QR1_I	0.1372	139.5	01Jan2015, 06:15	9.2
QR1_P	0.1318	0.7	01Jan2015, 06:43	0.3
QR1	0.2690	139.5	01Jan2015, 06:15	9.5
RT.QR1	0.2690	138.9	01Jan2015, 06:17	9.5
QR3_P	0.1003	0.9	01Jan2015, 06:39	0.3
QR3_I	0.0952	97.2	01Jan2015, 06:15	6.4
QR3	0.1955	97.2	01Jan2015, 06:15	6.7
RT.QR3	0.1955	96.9	01Jan2015, 06:18	6.7
QR2_I	0.0325	38.0	01Jan2015, 06:12	2.2
QR2_P	0.0312	0.5	01Jan2015, 06:34	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	38.0	01Jan2015, 06:12	2.3
QR3_6	1.2774	571.3	01Jan2015, 06:18	45.0
QR15_P	0.0668	2.0	01Jan2015, 06:34	0.4
QR15_I	0.0627	56.6	01Jan2015, 06:18	4.2
QR15	0.1295	57.6	01Jan2015, 06:19	4.6
QR3_15	2.827553	1174.9	01Jan2015, 06:19	93.1
RT.QR4	2.827553	1020.3	01Jan2015, 06:25	91.2
QR20_I	0.2242	167.4	01Jan2015, 06:25	15.0
QR20_P	0.0961	2.0	01Jan2015, 06:44	0.5
QR20	0.3203	168.3	01Jan2015, 06:25	15.5
QR3_20	3.147853	1188.6	01Jan2015, 06:25	106.7
RT.QR20	3.147853	1184.6	01Jan2015, 06:29	106.7
QR23_I	0.2380	206.2	01Jan2015, 06:20	16.0
QR23_P	0.2265	0.7	01Jan2015, 07:07	0.4
QR23	0.4645	206.2	01Jan2015, 06:20	16.4
QR24_P	0.2066	0.6	01Jan2015, 07:05	0.4
QR24_I	0.1995	182.6	01Jan2015, 06:18	13.4
QR24	0.4061	182.6	01Jan2015, 06:18	13.8
QR21_I	0.1826	129.0	01Jan2015, 06:27	12.3
QR21_P	0.1435	3.6	01Jan2015, 06:44	0.8
QR21	0.3261	131.0	01Jan2015, 06:27	13.1
RT.QR21	0.3261	131.0	01Jan2015, 06:31	13.1
QR26_I	0.1547	138.2	01Jan2015, 06:19	10.4
QR26_P	0.0797	2.4	01Jan2015, 06:35	0.5
QR26	0.2344	139.4	01Jan2015, 06:19	10.8
QR25_P	0.1312	0.1	02Jan2015, 00:00	0.1
QR25_I	0.1024	114.7	01Jan2015, 06:13	6.9
QR25	0.2336	114.7	01Jan2015, 06:13	6.9
QR27_I	0.0925	81.3	01Jan2015, 06:19	6.2
QR27_P	0.0478	1.4	01Jan2015, 06:35	0.3
QR27	0.1403	82.0	01Jan2015, 06:19	6.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1873.1	01Jan2015, 06:25	174.2
QRP	4.952853	473.2	01Jan2015, 07:03	173.3
QRP_OUT	4.952853	473.2	01Jan2015, 07:03	173.3
RT.QR24	4.952853	473.0	01Jan2015, 07:11	173.4
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	210.0	01Jan2015, 06:15	13.7
PW4	0.4222	210.0	01Jan2015, 06:15	13.7
QR3_25_PW4	5.375053	487.8	01Jan2015, 07:07	187.1
RT.PW4	5.375053	487.6	01Jan2015, 07:16	187.2
PW7_I	0.2944	302.5	01Jan2015, 06:15	19.8
PW7_P	0.1809	5.8	01Jan2015, 06:30	1.0
PW7	0.4753	304.9	01Jan2015, 06:15	20.8
PW6_I	0.2457	221.6	01Jan2015, 06:18	16.5
PW6_P	0.2093	17.4	01Jan2015, 06:27	2.2
PW6	0.4550	235.3	01Jan2015, 06:19	18.7
PW3_P	0.1919	5.0	01Jan2015, 06:28	0.9
PW3_I	0.1536	180.1	01Jan2015, 06:12	10.3
PW3	0.3455	181.3	01Jan2015, 06:12	11.3
PW2_I	0.0511	63.2	01Jan2015, 06:10	3.4
PW2_P	0.0494	1.7	01Jan2015, 06:23	0.3
PW2	0.1005	63.8	01Jan2015, 06:11	3.7
QR26_PW3	0.4460	244.4	01Jan2015, 06:11	15.0
RT.PW3	0.4460	239.3	01Jan2015, 06:20	15.0
PW1_I	0.0684	79.2	01Jan2015, 06:12	4.6
PW1_P	0.0352	1.2	01Jan2015, 06:25	0.2
PW1	0.1036	79.6	01Jan2015, 06:12	4.8
PW3_PW7	1.4799	821.5	01Jan2015, 06:18	59.3
RT.PW7	1.4799	818.5	01Jan2015, 06:21	59.3
PW10_I	0.2594	275.6	01Jan2015, 06:14	17.4
PW10_P	0.1486	0.9	01Jan2015, 06:41	0.4
PW10	0.4080	275.6	01Jan2015, 06:14	17.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	207.0	01Jan2015, 06:15	13.8
PW12_P	0.1395	5.6	01Jan2015, 06:28	0.9
PW12	0.3457	209.7	01Jan2015, 06:16	14.8
PW5_I	0.1171	134.2	01Jan2015, 06:12	7.9
PW5_P	0.0635	0.0	02Jan2015, 00:00	0.0
PW5	0.1806	134.2	01Jan2015, 06:12	7.9
PW5.1_I	0.0097	13.9	01Jan2015, 06:08	0.7
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	13.9	01Jan2015, 06:08	0.7
PW5_5.1	0.1971	145.3	01Jan2015, 06:12	8.5
RT.PW5	0.1971	144.8	01Jan2015, 06:17	8.6
PW9_I	0.0738	82.7	01Jan2015, 06:13	5.0
PW9_P	0.0465	0.5	01Jan2015, 06:37	0.1
PW9	0.1203	82.7	01Jan2015, 06:13	5.1
PW9.1_I	0.0056	8.7	01Jan2015, 06:06	0.4
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	8.7	01Jan2015, 06:06	0.4
PW9_9.1	0.1298	88.1	01Jan2015, 06:12	5.5
PW5_9	0.3269	226.0	01Jan2015, 06:15	14.1
RT.PW9	0.3269	224.9	01Jan2015, 06:20	14.1
PW8_I	0.0720	71.5	01Jan2015, 06:16	4.8
PW8_P	0.06108	0.0	02Jan2015, 00:00	0.0
PW8	0.13308	71.5	01Jan2015, 06:16	4.8
PW10.2_I	0.0089	9.1	01Jan2015, 06:15	0.6
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	9.1	01Jan2015, 06:15	0.6
PW10.1_I	0.0037	5.9	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	5.9	01Jan2015, 06:06	0.2
PW1_12	8.088833	1721.0	01Jan2015, 06:20	298.8
RT.PW10	8.088833	1691.2	01Jan2015, 06:25	298.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	173.2	01Jan2015, 06:16	11.8
VRW3_P	0.1745	0.5	01Jan2015, 07:03	0.3
PW_VRW3	8.439133	1819.9	01Jan2015, 06:24	310.8
VRW3	0.3503	173.2	01Jan2015, 06:16	12.1
RT.VRW3	8.439133	1799.4	01Jan2015, 06:29	310.6
PW15_I	0.2323	231.2	01Jan2015, 06:16	15.6
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	231.2	01Jan2015, 06:16	15.6
PW14.1_I	0.1245	122.7	01Jan2015, 06:16	8.4
PW14.1_P	0.0879	0.5	01Jan2015, 06:44	0.2
PW14.1	0.2124	122.7	01Jan2015, 06:16	8.6
PW13_I	0.0313	30.4	01Jan2015, 06:16	2.1
PW13_P	0.0238	0.1	01Jan2015, 07:03	0.0
PW13	0.0551	30.4	01Jan2015, 06:16	2.1
PW14.2_I	0.0149	15.8	01Jan2015, 06:14	1.0
PW14.2_P	0.0095	0.0	02Jan2015, 00:00	0.0
PW14.2	0.0244	15.8	01Jan2015, 06:14	1.0
PW13_14.2	0.0795	45.9	01Jan2015, 06:15	3.2
RT.PW13	0.0795	45.7	01Jan2015, 06:29	3.2
PW13_14.1	0.2919	136.3	01Jan2015, 06:19	11.8
RT.PW14.1	0.2919	136.2	01Jan2015, 06:22	11.8
PW14_I	0.0692	69.5	01Jan2015, 06:15	4.6
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	69.5	01Jan2015, 06:15	4.6
PW15.1_I	0.0144	20.6	01Jan2015, 06:08	1.0
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	20.6	01Jan2015, 06:08	1.0
PW14_VRW3	9.274533	2106.0	01Jan2015, 06:28	343.6
RT.PW14	9.274533	2092.0	01Jan2015, 06:30	343.5
VR5_I	0.1379	122.8	01Jan2015, 06:19	9.3
VR5_P	0.1197	0.0	02Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	122.8	01Jan2015, 06:19	9.3
TVI1_I	0.0500	50.7	01Jan2015, 06:15	3.4
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	50.7	01Jan2015, 06:15	3.4
TVI1.1_I	0.0487	56.1	01Jan2015, 06:12	3.3
TVI1.1_P	0.0149	0.0	02Jan2015, 00:00	0.0
TVI1.1	0.0636	56.1	01Jan2015, 06:12	3.3
TVI_TOTAL	0.1595	105.1	01Jan2015, 06:13	6.6
RT.TVI	0.1595	104.8	01Jan2015, 06:14	6.6
VR_TVI_PW	9.691633	2230.5	01Jan2015, 06:29	359.4
RT.VR5	9.691633	2223.9	01Jan2015, 06:32	359.4
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	79.9	01Jan2015, 06:15	5.3
SEV1	0.1696	79.9	01Jan2015, 06:15	5.3
VR_TVI_PW_SEV	9.861233	2260.5	01Jan2015, 06:32	364.8
RT.SEV1	9.861233	2257.9	01Jan2015, 06:34	364.9
VRW1_I	0.1758	178.0	01Jan2015, 06:15	11.8
VRW1_P	0.1559	2.1	01Jan2015, 06:38	0.6
VRW1	0.3317	178.2	01Jan2015, 06:15	12.4
PW11_I	0.0825	88.5	01Jan2015, 06:14	5.5
PW11_P	0.0444	8.2	01Jan2015, 06:18	0.7
PW11	0.1269	95.8	01Jan2015, 06:14	6.3
RT.PW11	0.1269	95.6	01Jan2015, 06:19	6.3
RT.PW11A	0.1269	95.3	01Jan2015, 06:20	6.3
PW11_VRW1	0.4586	263.7	01Jan2015, 06:18	18.6
RT.VRW1	0.4586	263.5	01Jan2015, 06:19	18.7
VRW2_I	0.1139	111.8	01Jan2015, 06:16	7.6
VRW2_P	0.0864	0.1	01Jan2015, 08:27	0.1
VRW2	0.2003	111.8	01Jan2015, 06:16	7.7
RT.VRW2	0.2003	111.7	01Jan2015, 06:18	7.7
RT.VRW2A	0.6589	374.2	01Jan2015, 06:20	26.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	138.9	01Jan2015, 06:15	9.2
VR2_P	0.1126	0.1	02Jan2015, 00:00	0.1
VR2	0.2503	138.9	01Jan2015, 06:15	9.3
VRW1_2_VR2	0.9092	503.6	01Jan2015, 06:19	35.7
RT.VR2	0.9092	502.8	01Jan2015, 06:20	35.7
VR4_I	0.1367	108.9	01Jan2015, 06:22	9.2
VR4_P	0.1165	6.1	01Jan2015, 06:34	1.0
VR4	0.2532	113.4	01Jan2015, 06:23	10.2
VR1_I	0.0497	55.5	01Jan2015, 06:13	3.3
VR1_P	0.0360	1.9	01Jan2015, 06:22	0.3
VR1	0.0857	56.6	01Jan2015, 06:13	3.6
VRW_VR1_4	1.2481	657.1	01Jan2015, 06:20	49.5
VR3_I	0.1746	165.1	01Jan2015, 06:17	11.7
VR3_P	0.1530	0.5	01Jan2015, 07:04	0.3
VR3	0.3276	165.1	01Jan2015, 06:17	12.0
VR6_P	0.1236	17.9	01Jan2015, 06:28	2.0
VR6_I	0.0691	57.5	01Jan2015, 06:21	4.6
VR6	0.1927	73.8	01Jan2015, 06:23	6.6
Las Ventanas Dam	1.7684	58.1	01Jan2015, 07:31	68.1
RT.LVDD	1.7684	58.1	01Jan2015, 07:34	68.1
VR7_I	0.1062	90.7	01Jan2015, 06:20	7.1
VR7_P	0.0886	0.0	02Jan2015, 00:00	0.0
VR7	0.1948	90.7	01Jan2015, 06:20	7.2
Little Window Dam	0.1948	20.6	01Jan2015, 06:55	7.2
LVDD_LWD	1.9632	78.0	01Jan2015, 07:08	75.3
RT.LWD	1.9632	78.0	01Jan2015, 07:10	75.3
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	9.4	01Jan2015, 06:11	0.5
SEV2	0.0552	9.4	01Jan2015, 06:11	0.5
SWINBURNE_INFLOW	1.879633	2330.6	01Jan2015, 06:34	440.7

Project: DCM_2 Simulation Run: WBCA_DCM2_2YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 2_YR
 Compute Time: 17May2016, 20:33:54 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	0.4	01Jan2015, 08:16	0.4
QR9_I	0.2966	185.8	01Jan2015, 06:17	13.8
QR9	0.6311	185.8	01Jan2015, 06:17	14.2
QR7_P	0.284053	0.1	02Jan2015, 00:00	0.1
QR7_I	0.1862	109.4	01Jan2015, 06:18	8.6
QR7	0.470253	109.4	01Jan2015, 06:18	8.8
QR8_P	0.2071	0.1	02Jan2015, 00:00	0.1
QR8_I	0.1122	64.0	01Jan2015, 06:19	5.2
QR8	0.3193	64.0	01Jan2015, 06:19	5.3
QR7_9	1.420653	357.3	01Jan2015, 06:18	28.2
RT.QR8	1.420653	353.3	01Jan2015, 06:19	28.2
QR4_P	0.2437	0.1	02Jan2015, 00:00	0.1
QR4_I	0.2249	116.9	01Jan2015, 06:22	10.4
QR4	0.4686	116.9	01Jan2015, 06:22	10.6
QR6_I	0.1436	86.5	01Jan2015, 06:18	6.7
QR6_P	0.1370	0.1	01Jan2015, 08:17	0.2
QR6	0.2806	86.5	01Jan2015, 06:18	6.8
QR1_I	0.1372	90.5	01Jan2015, 06:15	6.4
QR1_P	0.1318	0.0	02Jan2015, 00:00	0.0
QR1	0.2690	90.5	01Jan2015, 06:15	6.4
RT.QR1	0.2690	90.3	01Jan2015, 06:17	6.4
QR3_P	0.1003	0.0	02Jan2015, 00:00	0.0
QR3_I	0.0952	63.1	01Jan2015, 06:15	4.4
QR3	0.1955	63.1	01Jan2015, 06:15	4.4
RT.QR3	0.1955	62.9	01Jan2015, 06:19	4.4
QR2_I	0.0325	24.7	01Jan2015, 06:12	1.5
QR2_P	0.0312	0.0	02Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	24.7	01Jan2015, 06:12	1.5
QR3_6	1.2774	368.8	01Jan2015, 06:18	29.8
QR15_P	0.0668	0.1	01Jan2015, 08:18	0.1
QR15_I	0.0627	36.7	01Jan2015, 06:19	2.9
QR15	0.1295	36.7	01Jan2015, 06:19	3.0
QR3_15	2.827553	758.5	01Jan2015, 06:19	60.9
RT.QR4	2.827553	682.9	01Jan2015, 06:26	60.1
QR20_I	0.2242	108.6	01Jan2015, 06:25	10.4
QR20_P	0.0961	0.1	01Jan2015, 09:09	0.1
QR20	0.3203	108.6	01Jan2015, 06:25	10.5
QR3_20	3.147853	791.3	01Jan2015, 06:26	70.6
RT.QR20	3.147853	789.3	01Jan2015, 06:29	70.5
QR23_I	0.2380	133.8	01Jan2015, 06:20	11.1
QR23_P	0.2265	0.0	02Jan2015, 00:02	0.0
QR23	0.4645	133.8	01Jan2015, 06:20	11.1
QR24_P	0.2066	0.0	02Jan2015, 00:02	0.0
QR24_I	0.1995	118.5	01Jan2015, 06:18	9.3
QR24	0.4061	118.5	01Jan2015, 06:18	9.3
QR21_I	0.1826	83.7	01Jan2015, 06:27	8.5
QR21_P	0.1435	0.2	01Jan2015, 08:35	0.2
QR21	0.3261	83.7	01Jan2015, 06:27	8.6
RT.QR21	0.3261	83.6	01Jan2015, 06:31	8.7
QR26_I	0.1547	89.7	01Jan2015, 06:19	7.2
QR26_P	0.0797	0.1	01Jan2015, 08:18	0.1
QR26	0.2344	89.7	01Jan2015, 06:19	7.3
QR25_P	0.1312	0.0	01Jan2015, 00:00	0.0
QR25_I	0.1024	74.5	01Jan2015, 06:13	4.8
QR25	0.2336	74.5	01Jan2015, 06:13	4.8
QR27_I	0.0925	52.8	01Jan2015, 06:19	4.3
QR27_P	0.0478	0.1	01Jan2015, 08:19	0.1
QR27	0.1403	52.8	01Jan2015, 06:19	4.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1227.8	01Jan2015, 06:26	115.9
QRP	4.952853	301.2	01Jan2015, 07:03	115.1
QRP_OUT	4.952853	301.2	01Jan2015, 07:03	115.1
RT.QR24	4.952853	301.1	01Jan2015, 07:12	115.2
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	136.4	01Jan2015, 06:15	9.4
PW4	0.4222	136.4	01Jan2015, 06:15	9.4
QR3_25_PW4	5.375053	311.4	01Jan2015, 07:10	124.6
RT.PW4	5.375053	311.3	01Jan2015, 07:20	124.8
PW7_I	0.2944	196.4	01Jan2015, 06:15	13.7
PW7_P	0.1809	0.2	01Jan2015, 08:12	0.2
PW7	0.4753	196.4	01Jan2015, 06:15	13.9
PW6_I	0.2457	143.8	01Jan2015, 06:19	11.4
PW6_P	0.2093	2.7	01Jan2015, 06:38	0.8
PW6	0.4550	144.7	01Jan2015, 06:19	12.2
PW3_P	0.1919	0.1	01Jan2015, 09:02	0.2
PW3_I	0.1536	117.0	01Jan2015, 06:12	7.1
PW3	0.3455	117.0	01Jan2015, 06:12	7.3
PW2_I	0.0511	41.1	01Jan2015, 06:11	2.4
PW2_P	0.0494	0.1	01Jan2015, 08:05	0.1
PW2	0.1005	41.1	01Jan2015, 06:11	2.4
QR26_PW3	0.4460	157.7	01Jan2015, 06:11	9.7
RT.PW3	0.4460	155.1	01Jan2015, 06:20	9.7
PW1_I	0.0684	51.4	01Jan2015, 06:12	3.2
PW1_P	0.0352	0.0	01Jan2015, 08:07	0.0
PW1	0.1036	51.4	01Jan2015, 06:12	3.2
PW3_PW7	1.4799	521.3	01Jan2015, 06:18	39.0
RT.PW7	1.4799	518.7	01Jan2015, 06:21	39.0
PW10_I	0.2594	179.0	01Jan2015, 06:14	12.0
PW10_P	0.1486	0.0	02Jan2015, 00:00	0.0
PW10	0.4080	179.0	01Jan2015, 06:14	12.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	134.3	01Jan2015, 06:15	9.6
PW12_P	0.1395	0.3	01Jan2015, 07:08	0.2
PW12	0.3457	134.3	01Jan2015, 06:15	9.8
PW5_I	0.1171	87.1	01Jan2015, 06:12	5.4
PW5_P	0.0635	0.0	01Jan2015, 00:00	0.0
PW5	0.1806	87.1	01Jan2015, 06:12	5.4
PW5.1_I	0.0097	9.0	01Jan2015, 06:08	0.5
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	9.0	01Jan2015, 06:08	0.5
PW5_5.1	0.1971	94.4	01Jan2015, 06:12	5.9
RT.PW5	0.1971	94.0	01Jan2015, 06:18	5.9
PW9_I	0.0738	53.7	01Jan2015, 06:13	3.4
PW9_P	0.0465	0.0	02Jan2015, 00:00	0.0
PW9	0.1203	53.7	01Jan2015, 06:13	3.4
PW9.1_I	0.0056	5.6	01Jan2015, 06:07	0.3
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	5.6	01Jan2015, 06:07	0.3
PW9_9.1	0.1298	57.2	01Jan2015, 06:12	3.7
PW5_9	0.3269	145.0	01Jan2015, 06:16	9.6
RT.PW9	0.3269	144.4	01Jan2015, 06:21	9.7
PW8_I	0.0720	46.4	01Jan2015, 06:16	3.3
PW8_P	0.06108	0.0	01Jan2015, 00:00	0.0
PW8	0.13308	46.4	01Jan2015, 06:16	3.3
PW10.2_I	0.0089	5.9	01Jan2015, 06:15	0.4
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	5.9	01Jan2015, 06:15	0.4
PW10.1_I	0.0037	3.8	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	3.8	01Jan2015, 06:06	0.2
PW1_12	8.088833	1073.5	01Jan2015, 06:21	199.3
RT.PW10	8.088833	1059.6	01Jan2015, 06:26	199.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3_I	0.1758	112.4	01Jan2015, 06:16	8.2
VRW3_P	0.1745	0.0	02Jan2015, 00:01	0.0
PW_VRW3	8.439133	1138.2	01Jan2015, 06:26	207.4
VRW3	0.3503	112.4	01Jan2015, 06:16	8.2
RT.VRW3	8.439133	1128.6	01Jan2015, 06:30	207.4
PW15_I	0.2323	150.2	01Jan2015, 06:16	10.8
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	150.2	01Jan2015, 06:16	10.8
PW14.1_I	0.1245	79.7	01Jan2015, 06:16	5.8
PW14.1_P	0.0879	0.0	02Jan2015, 00:00	0.0
PW14.1	0.2124	79.7	01Jan2015, 06:16	5.8
PW13_I	0.0313	19.7	01Jan2015, 06:16	1.5
PW13_P	0.0238	0.0	02Jan2015, 00:01	0.0
PW13	0.0551	19.7	01Jan2015, 06:16	1.5
PW14.2_I	0.0149	10.3	01Jan2015, 06:14	0.7
PW14.2_P	0.0095	0.0	01Jan2015, 00:00	0.0
PW14.2	0.0244	10.3	01Jan2015, 06:14	0.7
PW13_14.2	0.0795	29.8	01Jan2015, 06:16	2.1
RT.PW13	0.0795	29.7	01Jan2015, 06:31	2.2
PW13_14.1	0.2919	84.9	01Jan2015, 06:17	8.0
RT.PW14.1	0.2919	84.7	01Jan2015, 06:20	8.0
PW14_I	0.0692	45.1	01Jan2015, 06:15	3.2
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	45.1	01Jan2015, 06:15	3.2
PW15.1_I	0.0144	13.4	01Jan2015, 06:08	0.7
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	13.4	01Jan2015, 06:08	0.7
PW14_VRW3	9.274533	1314.5	01Jan2015, 06:29	230.1
RT.PW14	9.274533	1308.2	01Jan2015, 06:32	230.0
VR5_I	0.1379	79.7	01Jan2015, 06:19	6.4
VR5_P	0.1197	0.0	01Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5	0.2576	79.7	01Jan2015, 06:19	6.4
TVI1_I	0.0500	32.9	01Jan2015, 06:15	2.3
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	32.9	01Jan2015, 06:15	2.3
TVI1.1_I	0.0487	36.4	01Jan2015, 06:12	2.3
TVI1.1_P	0.0149	0.0	01Jan2015, 00:00	0.0
TVI1.1	0.0636	36.4	01Jan2015, 06:12	2.3
TVI_TOTAL	0.1595	68.2	01Jan2015, 06:13	4.6
RT.TVI	0.1595	68.1	01Jan2015, 06:15	4.6
VR_TVI_PW	9.691633	1392.9	01Jan2015, 06:31	241.0
RT.VR5	9.691633	1389.0	01Jan2015, 06:34	241.1
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	51.9	01Jan2015, 06:15	3.7
SEV1	0.1696	51.9	01Jan2015, 06:15	3.7
VR_TVI_PW_SEV	9.861233	1410.6	01Jan2015, 06:34	244.7
RT.SEV1	9.861233	1408.5	01Jan2015, 06:36	244.9
VRW1_I	0.1758	115.5	01Jan2015, 06:15	8.2
VRW1_P	0.1559	0.1	02Jan2015, 00:00	0.1
VRW1	0.3317	115.5	01Jan2015, 06:15	8.2
PW11_I	0.0825	57.5	01Jan2015, 06:14	3.8
PW11_P	0.0444	2.0	01Jan2015, 06:22	0.3
PW11	0.1269	58.8	01Jan2015, 06:14	4.1
RT.PW11	0.1269	58.7	01Jan2015, 06:20	4.2
RT.PW11A	0.1269	58.6	01Jan2015, 06:21	4.2
PW11_VRW1	0.4586	165.5	01Jan2015, 06:18	12.4
RT.VRW1	0.4586	165.2	01Jan2015, 06:20	12.4
VRW2_I	0.1139	72.6	01Jan2015, 06:16	5.3
VRW2_P	0.0864	0.0	01Jan2015, 00:00	0.0
VRW2	0.2003	72.6	01Jan2015, 06:16	5.3
RT.VRW2	0.2003	72.4	01Jan2015, 06:18	5.3
RT.VRW2A	0.6589	236.7	01Jan2015, 06:20	17.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	90.1	01Jan2015, 06:15	6.4
VR2_P	0.1126	0.0	01Jan2015, 00:00	0.0
VR2	0.2503	90.1	01Jan2015, 06:15	6.4
VRW1_2_VR2	0.9092	319.3	01Jan2015, 06:19	24.1
RT.VR2	0.9092	318.9	01Jan2015, 06:21	24.1
VR4_I	0.1367	70.7	01Jan2015, 06:23	6.3
VR4_P	0.1165	0.6	01Jan2015, 06:51	0.3
VR4	0.2532	70.8	01Jan2015, 06:23	6.6
VR1_I	0.0497	36.0	01Jan2015, 06:13	2.3
VR1_P	0.0360	0.1	01Jan2015, 06:42	0.1
VR1	0.0857	36.0	01Jan2015, 06:13	2.4
VRW_VR1_4	1.2481	414.7	01Jan2015, 06:21	33.1
VR3_I	0.1746	107.1	01Jan2015, 06:17	8.1
VR3_P	0.1530	0.0	02Jan2015, 00:02	0.0
VR3	0.3276	107.1	01Jan2015, 06:17	8.1
VR6_P	0.1236	4.7	01Jan2015, 06:32	0.8
VR6_I	0.0691	37.3	01Jan2015, 06:21	3.2
VR6	0.1927	40.8	01Jan2015, 06:22	4.0
Las Ventanas Dam	1.7684	50.5	01Jan2015, 07:22	45.3
RT.LVDD	1.7684	50.5	01Jan2015, 07:25	45.3
VR7_I	0.1062	58.8	01Jan2015, 06:20	4.9
VR7_P	0.0886	0.0	01Jan2015, 00:00	0.0
VR7	0.1948	58.8	01Jan2015, 06:20	4.9
Little Window Dam	0.1948	16.1	01Jan2015, 06:52	4.9
LVDD_LWD	1.9632	66.1	01Jan2015, 07:05	50.2
RT.LWD	1.9632	66.1	01Jan2015, 07:07	50.2
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	6.1	01Jan2015, 06:11	0.4
SEV2	0.0552	6.1	01Jan2015, 06:11	0.4
SWINBURNE_INFLOW	11.879633	1471.9	01Jan2015, 06:36	295.4

24-hr storm

Developed Conditions Model #3 Analysis Points (AMAFCA White Paper Methodolgy - BHI 2015)										
Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac-ft)		Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac-ft)
		Unbulked	Bulked					Unbulked	Bulked	
AP1 (QR3_15)						AP5 (PWP_OUT) - Flow out of PWP				
2	1.9%	759	773	61		2	2.4%	475	487	198
10	2.7%	1,525	1,566	120		10	4.2%	1,070	1,115	377
100	3.6%	2,840	2,942	211		100	5.2%	1,620	1,704	643
AP2 (QR3_20)						AP6 (PW_VRW3)				
2	3.2%	791	817	71		2	2.1%	499	509	206
10	4.6%	1,512	1,581	136		10	3.5%	1,122	1,161	393
100	6.8%	2,651	2,832	234		100	4.6%	1,701	1,779	669
AP3 (QR3_24)- Flow Into QRP						AP7 (PW14_VRW3)				
2	2.5%	1,228	1,258	116		2	4.2%	572	596	229
10	3.4%	2,395	2,476	222		10	6.0%	1,319	1,398	434
100	4.6%	4,288	4,485	379		100	8.4%	2,127	2,305	736
AP3 (QRP_OUT) - Flow out of QRP						AP8 (VR_TVI_PW)				
2	2.5%	301	309	115		2	4.2%	607	633	240
10	3.4%	577	597	221		10	6.0%	1,420	1,505	453
100	4.6%	837	875	378		100	8.4%	2,418	2,621	769
AP4 (QR3_25_PW4)						AP9 (VR_TVI_PW_SEV)				
2	3.9%	311	324	125		2	3.8%	615	638	243
10	5.9%	594	629	238		10	6.4%	1,445	1,538	460
100	8.1%	865	935	406		100	8.6%	2,498	2,713	780
AP5 (PW1_12) - Flow into PWP						AP10 (SWINBURNE_INFLOW)				
2	2.4%	1,074	1,099	199		2	4.40%	681	711	294
10	4.2%	2,241	2,335	379		10	7.20%	1,529	1,639	556
100	5.2%	4,046	4,256	645		100	9.20%	2,597	2,836	944

* Bulking factors were copied from DCM1, however, actual factors need to be input

* Bulking Factors were updated on 3/24/16, values provided by Tetra Tech in the AMAFCA comment/response letter for DCM#2

* Bulking Factors were updated on 5/23/16, values provided by Tetra Tech in 5/20 e-mail

* Bulking Factors were updated on 5/25/16, values provided by Tetra Tech in 5/25 e-mail

6-hr storms

6-hr storms

24-hr storms

1999 Developed Conditions Analysis Points AHYMO						2015 Developed Conditions Model #3 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)						2015 Developed Conditions Model #3 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)				
Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac- ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)
		Unbulked	Bulked					Unbulked	Bulked					Unbulked	Bulked	
Concentration Point 4						AP2 (QR3_20)						AP2 (QR3_20)				
2	--	540	870	48		2	3.20%	737	761	52		2	3.2%	791	817	71
5	--	930	1680	76		5	4.00%	--	--	--		5	4.0%	1,189	1,236	107
10	--	1,280	2300	99		10	4.60%	1,431	1497	103		10	4.6%	1,512	1,581	136
25	--	1,780	3380	132		25	5.50%	--	--	--		25	5.5%	1,938	2,044	174
50	--	2,160	2380	157		50	6.10%	--	--	--		50	6.1%	2,279	2,417	203
100	--	2,560	2820	184		100	6.80%	2,531	2703	187		100	6.8%	2,651	2,832	234
Concentration Point 2						AP4 (QR3_25_PW4)						AP4 (QR3_25_PW4)				
2	--	610	980	66		2	3.90%	255	265	92		2	3.9%	311	324	125
5	--	1,070	1930	106		5	5.10%	--	--	--		5	5.1%	488	513	187
10	--	1,480	2680	139		10	5.90%	543	575	183		10	5.9%	594	629	238
25	--	2,110	4010	185		25	6.70%	--	--	--		25	6.7%	708	756	303
50	--	2,550	2800	221		50	7.40%	--	--	--		50	7.4%	789	847	353
100	--	2,990	3290	258		100	8.10%	824	891	328		100	8.1%	865	935	406
Concentration Point 1						AP5 (PW1_12)						AP5 (PW1_12)				
2	--	870	1370	120		2	2.40%	986	1009	147		2	2.4%	1,074	1,099	199
5	--	1,530	2750	192		5	3.40%	--	--	--		5	3.4%	1,721	1,780	299
10	--	2,120	3820	250		10	4.20%	2,101	2189	293		10	4.2%	2,241	2,335	379
25	--	3,130	5950	334		25	4.70%	--	--	--		25	4.7%	2,922	3,059	482
50	--	3,770	4150	397		50	4.90%	--	--	--		50	4.9%	3,460	3,629	561
100	--	4,460	4910	465		100	5.20%	3,831	4030	523		100	5.2%	4,046	4,256	645
Concentration Point L						AP9 (VR_TVI_PW_SEV)						AP9 (VR_TVI_PW_SEV)				
2	--	910	1460	142		2	3.80%	499	518	181		2	3.8%	615	638	243
5	--	1,610	3000	227		5	5.40%	--	--	--		5	5.4%	1,090	1,149	364
10	--	2,220	4000	296		10	6.40%	1,284	1366	358		10	6.4%	1,445	1,538	460
25	--	3,350	6370	395		25	7.30%	--	--	--		25	7.3%	1,842	1,976	584
50	--	4,070	4480	472		50	8.00%	--	--	--		50	8.0%	2,153	2,325	679
100	--	4,810	5290	551		100	8.60%	2,314	2513	635		100	8.6%	2,498	2,713	780
Concentration Point 0						AP10 (SWINBURNE_INFLOW)						AP10 (SWINBURNE_INFLOW)				
2	--	970	1540	188		2	4.40%	563	588	219		2	4.4%	681	711	294
5	--	1,680	3020	295		5	6.10%	--	--	--		5	6.1%	1,167	1,238	440
10	--	2,310	4160	380		10	7.20%	1,365	1464	433		10	7.2%	1,529	1,639	556
25	--	3,470	6590	498		25	8.00%	--	--	--		25	8.0%	1,933	2,087	707
50	--	4,200	4620	587		50	8.50%	--	--	--		50	8.5%	2,248	2,440	821
100	--	4,950	5450	680		100	9.20%	2,411	2632	768		100	9.2%	2,597	2,836	944

*Bulking factors were copied from DCM1 on 11/12/15, however, actual factors need to be checked.

* Bulking Factors were updated on 3/24/16, values provided by Tetra Tech in the AMAFCA comment/response letter for DCM#2

* Bulking Factors were updated on 5/23/16, values provided by Tetra Tech in 5/20 e-mail

* Bulking Factors were updated on 5/25/16, values provided by Tetra Tech in 5/25 e-mail

5/27/2016

DCM#3 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR9_P	0.3345	214	0	0	29	4	137	11
	QR9_I	0.2966	190	186	14	362	25	600	38
	QR9	0.6311	404	186	14	382	28	724	49
	QR7_P	0.284053	182	0	0	13	2	81	8
	QR7_I	0.1862	119	109	9	213	15	353	24
	QR7	0.470253	301	109	9	220	18	424	32
	QR8_P	0.2071	133	0	0	10	2	58	6
	QR8_I	0.1122	72	64	5	125	9	207	15
	QR8	0.3193	204	64	5	130	11	258	20
	QR7_9	1.420653	909	357	28	729	57	1,396	101
	RT.QR8	1.420653	909	353	28	714	56	1,349	101
	QR4_P	0.2437	156	0	0	13	2	69	7
	QR4_I	0.2249	144	117	10	228	19	378	29
	QR4	0.4686	300	117	11	236	21	439	36
	QR6_I	0.1436	92	87	7	169	12	279	19
	QR6_P	0.137	88	0	0	11	2	54	5
	QR6	0.2806	180	87	7	177	13	328	23
	QR1_I	0.1372	88	91	6	176	11	292	18
	QR1_P	0.1318	84	0	0	4	1	34	3
	QR1	0.269	172	91	6	178	12	319	21
	RT.QR1	0.269	172	90	6	177	12	317	21
	QR3_P	0.1003	64	0	0	4	1	29	3
	QR3_I	0.0952	61	63	4	123	8	203	12
	QR3	0.1955	125	63	4	125	9	228	15
	RT.QR3	0.1955	125	63	4	124	9	227	15
	QR2_I	0.0325	21	25	2	48	3	79	4
	QR2_P	0.0312	20	0	0	2	0	11	1
	QR2	0.0637	41	25	2	49	3	89	5
	QR3_6	1.2774	818	369	30	737	58	1,354	100
	QR15_P	0.0668	43	0	0	6	1	26	2
	QR15_I	0.0627	40	37	3	72	5	119	8
	QR15	0.1295	83	37	3	76	6	142	10
AP1	QR3_15	2.827553	1,810	759	61	1,525	120	2,840	211
	RT.QR4	2.827553	1,810	683	60	1,296	117	2,276	202
	QR20_I	0.2242	143	109	10	212	19	351	29
	QR20_P	0.0961	62	0	0	6	1	28	3
	QR20	0.3203	205	109	11	216	19	376	32
AP2	QR3_20	3.147853	2,015	791	71	1,512	136	2,651	234
	RT.QR20	3.147853	2,015	789	71	1,506	136	2,635	234
	QR23_I	0.238	152	134	11	261	20	432	31
	QR23_P	0.2265	145	0	0	5	1	45	5
	QR23	0.4645	297	134	11	262	21	468	36
	QR24_P	0.2066	132	0	0	5	1	43	4
	QR24_I	0.1995	128	119	9	231	17	383	26
	QR24	0.4061	260	119	9	232	18	417	30
	QR21_I	0.1826	117	84	9	163	15	271	24
	QR21_P	0.1435	92	0	0	10	2	43	5
	QR21	0.3261	209	84	9	171	17	310	28
	RT.QR21	0.3261	209	84	9	171	17	310	28
	QR26_I	0.1547	99	90	7	175	13	289	20

5/27/2016

DCM#3 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR26_P	0.0797	51	0	0	7	1	30	3
	QR26	0.2344	150	90	7	179	14	317	23
	QR25_P	0.1312	84	0	0	1	0	18	2
	QR25_I	0.1024	66	75	5	145	9	240	13
	QR25	0.2336	150	75	5	145	9	251	15
	QR27_I	0.0925	59	53	4	103	8	170	12
	QR27_P	0.0478	31	0	0	4	1	18	2
	QR27	0.1403	90	53	4	106	8	186	14
AP3-QRP	QR3_24	4.952853	3,170	1,228	116	2,395	222	4,288	379
	QPR	4.952853	3,170	301	115	#N/A	#N/A	#N/A	#N/A
	QPR_OUT	4.952853	3,170	301	115	577	221	837	378
	RT.QR24	4.952853	3,170	301	115	577	221	837	378
	PW4_P	0.2187	140	0	0	0	0	10	2
	PW4_I	0.2035	130	136	9	265	17	439	26
	PW4	0.4222	270	136	9	265	17	441	28
AP4	QR3_25_PW4	5.375053	3,440	311	125	594	238	865	406
	RT.PW4	5.375053	3,440	311	125	594	238	865	406
	PW3_P	0.1919	123	0	0	16	2	87	6
	PW3_I	0.1536	98	117	7	227	13	376	20
	PW3	0.3455	221	117	7	237	15	454	26
	PW2_I	0.0511	33	41	2	80	4	132	7
	PW2_P	0.0494	32	0	0	5	1	26	2
	PW2	0.1005	64	41	2	83	5	156	8
	QR26_PW3	0.446	285	158	10	319	19	609	34
	RT.PW3	0.446	285	155	10	311	19	582	34
	PW7_I	0.2944	188	196	14	382	24	633	38
	PW7_P	0.1809	116	0	0	16	2	79	6
	PW7	0.4753	304	196	14	394	26	704	44
	PW6_I	0.2457	157	144	11	280	20	464	32
	PW6_P	0.2093	134	3	1	36	4	122	9
	PW6	0.455	291	145	12	312	24	581	41
	PW1_I	0.0684	44	51	3	100	6	166	9
	PW1_P	0.0352	23	0	0	4	0	17	1
	PW1	0.1036	66	51	3	102	6	181	10
	PW3_PW7	1.4799	947	521	39	1,072	76	1,965	129
	RT.PW7	1.4799	947	519	39	1,067	76	1,952	129
	PW10_I	0.2594	166	179	12	348	21	577	34
	PW10_P	0.1486	95	0	0	5	1	40	3
	PW10	0.408	261	179	12	350	22	608	37
	PW12_I	0.2062	132	134	10	262	17	433	27
	PW12_P	0.1395	89	0	0	15	2	65	5
	PW12	0.3457	221	134	10	272	19	493	32
	PW5_I	0.1171	75	87	5	170	10	281	15
	PW5_P	0.0635	41	0	0	0	0	9	1
	PW5	0.1806	116	87	5	170	10	286	16
	PW5.1_I	0.0097	6	9	1	18	1	29	1
	PW5.1_P	0.0068	4	0	0	0	0	0	0
	PW5.1	0.0165	11	9	1	18	1	29	1
	PW5_5.1	0.1971	126	94	6	184	11	309	17
	RT.PW5	0.1971	126	94	6	183	11	308	18
	PW9_I	0.0738	47	54	3	104	6	173	10

5/27/2016

DCM#3 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW9_P	0.0465	30	0	0	2	0	15	1
	PW9	0.1203	77	54	3	105	6	185	11
	PW9.1_I	0.0056	4	6	0	11	1	18	1
	PW9.1_P	0.0039	2	0	0	0	0	0	0
	PW9.1	0.0095	6	6	0	11	1	18	1
	PW9_9.1	0.1298	83	57	4	112	7	196	12
	PW5_9	0.3269	209	145	10	288	18	497	29
	RT.PW9	0.3269	209	144	10	287	18	495	29
	PW8_I	0.072	46	46	3	90	6	150	9
	PW8_P	0.06108	39	0	0	0	0	6	1
	PW8	0.13308	85	46	3	90	6	153	10
	PW10.2_I	0.0089	6	6	0	12	1	19	1
	PW10.2_P	0.0055	4	0	0	0	0	0	0
	PW10.2	0.0144	9	6	0	12	1	19	1
	PW10.1_I	0.0037	2	4	0	7	0	12	1
	PW10.1_P	0.0021	1	0	0	0	0	0	0
	PW10.1	0.0058	4	4	0	7	0	12	1
AP5	PW1_12	8.088833	5,177	1,074	199	2,241	379	4,046	645
	PWP	8.088833	5,177	475	198	1,070	377	1,620	643
	PWP_OUT	8.088833	5,177	475	198	1,070	377	1,620	643
	RT.PW10	8.088833	5,177	475	198	1,069	377	1,619	643
	VRW3_I	0.1758	113	112	8	219	15	363	23
	VRW3_P	0.1745	112	0	0	4	1	39	4
AP6	PW_VRW3	8.439133	5,401	499	206	1,122	393	1,701	669
	VRW3	0.3503	224	112	8	220	15	393	26
	RT.VRW3	8.439133	5,401	498	206	1,121	393	1,700	669
	PW15_I	0.2323	149	150	11	292	19	484	30
	PW15_P	0.1688	108	0	0	0	0	7	1
	PW15	0.4011	257	150	11	292	19	485	31
	PW14.1_I	0.1245	80	80	6	155	10	257	16
	PW14.1_P	0.0879	56	0	0	3	1	22	2
	PW14.1	0.2124	136	80	6	156	11	275	18
	PW13_I	0.0313	20	20	2	38	3	64	4
	PW13_P	0.0238	15	0	0	1	0	5	1
	PW13	0.0551	35	20	2	39	3	68	5
	PW14.2_I	0.0149	10	10	1	20	1	33	2
	PW14.2_P	0.0095	6	0	0	0	0	1	0
	PW14.2	0.0244	16	10	1	20	1	34	2
	PW13_14.2	0.0795	51	30	2	58	4	101	7
	RT.PW13	0.0795	51	30	2	58	4	100	7
	PW13_14.1	0.2919	187	85	8	179	15	335	25
	RT.PW14.1	0.2919	187	85	8	179	15	334	25
	PW14_I	0.0692	44	45	3	88	6	146	9
	PW14_P	0.0499	32	0	0	0	0	2	0
	PW14	0.1191	76	45	3	88	6	146	9
	PW15.1_I	0.0144	9	13	1	26	1	43	2
	PW15.1_P	0.0089	6	0	0	0	0	0	0
	PW15.1	0.0233	15	13	1	26	1	43	2
AP7	PW14_VRW3	9.274533	5,936	572	229	1,319	434	2,127	736
	RT.PW14	9.274533	5,936	572	229	1,317	434	2,124	736
	VR5_I	0.1379	88	80	6	155	11	257	18

5/27/2016

DCM#3 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	VR5_P	0.1197	77	0	0	0	0	10	1
	VR5	0.2576	165	80	6	155	12	263	19
	TVI1_I	0.05	32	33	2	64	4	106	7
	TVI1_P	0.0459	29	0	0	0	0	2	0
	TVI1	0.0959	61	33	2	64	4	106	7
	TVI1.1_I	0.0487	31	36	2	71	4	117	6
	TVI1.1_P	0.0149	10	0	0	0	0	2	0
	TVI1.1	0.0636	41	36	2	71	4	119	7
	TVI_TOTAL	0.1595	102	68	5	133	8	222	13
	RT.TVI	0.1595	102	68	5	133	8	221	13
AP8	VR_TVI_PW	9.691633	6,203	607	240	1,420	453	2,418	769
	RT.VR5	9.691633	6,203	607	240	1,419	453	2,415	769
	SEV1_P	0.0904	58	0	0	0	0	3	1
	SEV1_I	0.0792	51	52	4	101	7	167	10
	SEV1	0.1696	109	52	4	101	7	168	11
AP9	VR_TVI_PW_SEV	9.861233	6,311	615	243	1,445	460	2,498	780
	RT.SEV1	9.861233	6,311	615	244	1,445	460	2,497	780
	VRW1_I	0.1758	113	116	8	225	15	373	23
	VRW1_P	0.1559	100	0	0	8	1	50	4
	VRW1	0.3317	212	116	8	229	16	415	27
	PW11_I	0.0825	53	58	4	112	7	185	11
	PW11_P	0.0444	28	2	0	15	1	41	3
	PW11	0.1269	81	59	4	126	8	226	13
	RT.PW11	0.1269	81	59	4	125	8	225	13
	RT.PW11A	0.1269	81	59	4	125	8	224	13
	PW11_VRW1	0.4586	294	166	12	344	24	631	40
	RT.VRW1	0.4586	294	165	12	344	24	631	40
	VRW2_I	0.1139	73	73	5	141	9	234	15
	VRW2_P	0.0864	55	0	0	1	0	15	2
	VRW2	0.2003	128	73	5	141	10	245	16
	RT.VRW2	0.2003	128	72	5	141	10	245	16
	RT.VRW2A	0.6589	422	237	18	484	33	874	56
	VR2_I	0.1377	88	90	6	176	11	291	18
	VR2_P	0.1126	72	0	0	1	0	15	2
	VR2	0.2503	160	90	6	176	12	300	20
	VRW1_2_VR2	0.9092	582	319	24	648	45	1,162	76
	RT.VR2	0.9092	582	319	24	648	45	1,159	76
	VR4_I	0.1367	87	71	6	138	11	229	18
	VR4_P	0.1165	75	1	0	14	2	51	5
	VR4	0.2532	162	71	7	149	13	277	22
	VR1_I	0.0497	32	36	2	70	4	116	6
	VR1_P	0.036	23	0	0	5	1	20	1
	VR1	0.0857	55	36	2	74	5	135	8
	VRW_VR1_4	1.2481	799	415	33	851	63	1,533	106
	VR3_I	0.1746	112	107	8	209	14	346	23
	VR3_P	0.153	98	0	0	4	1	33	3
	VR3	0.3276	210	107	8	210	15	371	26
	VR6_P	0.1236	79	5	1	32	3	88	7
	VR6_I	0.0691	44	37	3	73	6	121	9
	VR6	0.1927	123	41	4	103	9	207	16
	Las Ventanas Dam	1.7684	1,132	51	45	64	87	72	148

5/27/2016

DCM#3 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	RT.LVDD	1.7684	1,132	51	45	64	87	72	148
	VR7_I	0.1062	68	59	5	115	9	190	14
	VR7_P	0.0886	57	0	0	0	0	10	1
	VR7	0.1948	125	59	5	115	9	197	15
	Little Window Dam	0.1948	125	16	5	24	9	30	15
	LVDD_LWD	1.9632	1,256	66	50	87	96	102	163
	RT.LWD	1.9632	1,256	66	50	87	96	102	163
	SEV2_P	0.0476	30	0	0	0	0	2	0
	SEV2_I	0.0076	5	6	0	12	1	20	1
	SEV2	0.0552	35	6	0	12	1	20	1
AP10	SWINBURNE_INFLOW	11.87963	7,603	681	294	1,529	556	2,597	944

Project: DCM #3 Simulation Run: WBCA_DCM3_100YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 100_YR
 Compute Time: 17May2016, 20:49:58 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	136.9	01Jan2015, 06:21	10.9
QR9_I	0.2966	599.8	01Jan2015, 06:16	38.4
QR9	0.6311	724.2	01Jan2015, 06:17	49.4
QR7_P	0.284053	81.4	01Jan2015, 06:25	7.5
QR7_I	0.1862	353.4	01Jan2015, 06:18	24.1
QR7	0.470253	424.4	01Jan2015, 06:19	31.6
QR8_P	0.2071	57.8	01Jan2015, 06:26	5.5
QR8_I	0.1122	206.7	01Jan2015, 06:19	14.5
QR8	0.3193	257.5	01Jan2015, 06:21	20.0
QR7_9	1.420653	1396.3	01Jan2015, 06:18	101.0
RT.QR8	1.420653	1348.5	01Jan2015, 06:20	100.5
QR4_P	0.2437	69.0	01Jan2015, 06:29	6.9
QR4_I	0.2249	378.1	01Jan2015, 06:22	29.1
QR4	0.4686	439.4	01Jan2015, 06:23	36.1
QR6_I	0.1436	279.2	01Jan2015, 06:17	18.6
QR6_P	0.1370	54.0	01Jan2015, 06:23	4.5
QR6	0.2806	328.2	01Jan2015, 06:18	23.1
QR1_I	0.1372	291.9	01Jan2015, 06:15	17.8
QR1_P	0.1318	33.7	01Jan2015, 06:21	3.0
QR1	0.2690	319.1	01Jan2015, 06:16	20.8
RT.QR1	0.2690	317.3	01Jan2015, 06:17	20.7
QR3_P	0.1003	28.9	01Jan2015, 06:21	2.5
QR3_I	0.0952	203.4	01Jan2015, 06:15	12.3
QR3	0.1955	227.5	01Jan2015, 06:16	14.8
RT.QR3	0.1955	226.7	01Jan2015, 06:19	14.8
QR2_I	0.0325	79.3	01Jan2015, 06:12	4.2
QR2_P	0.0312	11.4	01Jan2015, 06:16	0.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	89.1	01Jan2015, 06:12	5.0
QR3_6	1.2774	1353.6	01Jan2015, 06:19	99.7
QR15_P	0.0668	25.6	01Jan2015, 06:24	2.2
QR15_I	0.0627	118.7	01Jan2015, 06:18	8.1
QR15	0.1295	142.0	01Jan2015, 06:19	10.3
QR3_15	2.827553	2840.1	01Jan2015, 06:19	210.5
RT.QR4	2.827553	2276.4	01Jan2015, 06:24	202.0
QR20_I	0.2242	351.0	01Jan2015, 06:25	29.0
QR20_P	0.0961	28.0	01Jan2015, 06:32	2.9
QR20	0.3203	376.1	01Jan2015, 06:25	32.0
QR3_20	3.147853	2651.4	01Jan2015, 06:24	233.9
RT.QR20	3.147853	2635.1	01Jan2015, 06:28	233.7
QR23_I	0.2380	432.0	01Jan2015, 06:19	30.8
QR23_P	0.2265	44.8	01Jan2015, 06:28	4.7
QR23	0.4645	468.3	01Jan2015, 06:20	35.6
QR24_P	0.2066	42.8	01Jan2015, 06:26	4.3
QR24_I	0.1995	382.5	01Jan2015, 06:18	25.8
QR24	0.4061	416.6	01Jan2015, 06:19	30.2
QR21_I	0.1826	270.7	01Jan2015, 06:27	23.7
QR21_P	0.1435	43.4	01Jan2015, 06:35	4.7
QR21	0.3261	310.4	01Jan2015, 06:28	28.4
RT.QR21	0.3261	310.1	01Jan2015, 06:31	28.4
QR26_I	0.1547	289.4	01Jan2015, 06:19	20.0
QR26_P	0.0797	30.3	01Jan2015, 06:24	2.6
QR26	0.2344	316.9	01Jan2015, 06:19	22.7
QR25_P	0.1312	18.4	01Jan2015, 06:21	1.9
QR25_I	0.1024	239.7	01Jan2015, 06:13	13.3
QR25	0.2336	251.4	01Jan2015, 06:13	15.2
QR27_I	0.0925	170.4	01Jan2015, 06:19	12.0
QR27_P	0.0478	17.9	01Jan2015, 06:25	1.6
QR27	0.1403	186.4	01Jan2015, 06:20	13.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	4287.5	01Jan2015, 06:25	379.1
QRP	4.952853	836.9	01Jan2015, 07:11	378.1
QRP_OUT	4.952853	836.9	01Jan2015, 07:11	378.1
RT.QR24	4.952853	836.8	01Jan2015, 07:19	378.2
PW4_P	0.2187	9.5	01Jan2015, 06:34	1.5
PW4_I	0.2035	439.1	01Jan2015, 06:15	26.4
PW4	0.4222	441.3	01Jan2015, 06:15	27.9
QR3_25_PW4	5.375053	864.9	01Jan2015, 07:08	406.1
RT.PW4	5.375053	864.6	01Jan2015, 07:17	406.2
PW3_P	0.1919	86.5	01Jan2015, 06:15	5.9
PW3_I	0.1536	376.1	01Jan2015, 06:12	19.9
PW3	0.3455	454.1	01Jan2015, 06:12	25.8
PW2_I	0.0511	132.2	01Jan2015, 06:10	6.6
PW2_P	0.0494	26.0	01Jan2015, 06:14	1.6
PW2	0.1005	155.9	01Jan2015, 06:11	8.2
QR26_PW3	0.4460	608.6	01Jan2015, 06:12	34.0
RT.PW3	0.4460	582.3	01Jan2015, 06:20	33.8
PW7_I	0.2944	632.7	01Jan2015, 06:15	38.1
PW7_P	0.1809	78.9	01Jan2015, 06:19	5.9
PW7	0.4753	704.1	01Jan2015, 06:15	44.1
PW6_I	0.2457	464.4	01Jan2015, 06:18	31.8
PW6_P	0.2093	121.9	01Jan2015, 06:22	9.4
PW6	0.4550	580.7	01Jan2015, 06:19	41.2
PW1_I	0.0684	165.5	01Jan2015, 06:12	8.9
PW1_P	0.0352	17.3	01Jan2015, 06:16	1.2
PW1	0.1036	181.0	01Jan2015, 06:12	10.0
PW3_PW7	1.4799	1965.1	01Jan2015, 06:18	129.1
RT.PW7	1.4799	1952.2	01Jan2015, 06:21	129.1
PW10_I	0.2594	576.5	01Jan2015, 06:14	33.6
PW10_P	0.1486	39.6	01Jan2015, 06:20	3.4
PW10	0.4080	608.3	01Jan2015, 06:14	37.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	433.4	01Jan2015, 06:15	26.7
PW12_P	0.1395	65.1	01Jan2015, 06:20	4.9
PW12	0.3457	492.9	01Jan2015, 06:16	31.6
PW5_I	0.1171	280.6	01Jan2015, 06:12	15.2
PW5_P	0.0635	9.1	01Jan2015, 06:20	0.9
PW5	0.1806	285.9	01Jan2015, 06:12	16.1
PW5.1_I	0.0097	29.0	01Jan2015, 06:08	1.3
PW5.1_P	0.0068	0.3	01Jan2015, 06:30	0.0
PW5.1	0.0165	29.0	01Jan2015, 06:08	1.3
PW5_5.1	0.1971	309.0	01Jan2015, 06:12	17.4
RT.PW5	0.1971	307.9	01Jan2015, 06:15	17.5
PW9_I	0.0738	172.8	01Jan2015, 06:13	9.6
PW9_P	0.0465	14.6	01Jan2015, 06:18	1.1
PW9	0.1203	185.0	01Jan2015, 06:13	10.7
PW9.1_I	0.0056	18.1	01Jan2015, 06:06	0.7
PW9.1_P	0.0039	0.3	01Jan2015, 06:19	0.0
PW9.1	0.0095	18.1	01Jan2015, 06:06	0.8
PW9_9.1	0.1298	195.7	01Jan2015, 06:12	11.5
PW5_9	0.3269	496.6	01Jan2015, 06:15	28.9
RT.PW9	0.3269	494.9	01Jan2015, 06:18	28.9
PW8_I	0.0720	149.6	01Jan2015, 06:16	9.3
PW8_P	0.06108	5.7	01Jan2015, 06:28	0.7
PW8	0.13308	152.7	01Jan2015, 06:16	10.0
PW10.2_I	0.0089	19.0	01Jan2015, 06:15	1.2
PW10.2_P	0.0055	0.2	01Jan2015, 06:35	0.0
PW10.2	0.0144	19.1	01Jan2015, 06:15	1.2
PW10.1_I	0.0037	12.2	01Jan2015, 06:06	0.5
PW10.1_P	0.0021	0.1	01Jan2015, 06:29	0.0
PW10.1	0.0058	12.2	01Jan2015, 06:06	0.5
PW1_12	8.088833	4045.5	01Jan2015, 06:20	644.5
PWP	8.088833	1619.7	01Jan2015, 06:50	642.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	1619.7	01Jan2015, 06:50	642.8
RT.PW10	8.088833	1618.9	01Jan2015, 06:54	642.7
VRW3_I	0.1758	362.5	01Jan2015, 06:16	22.8
VRW3_P	0.1745	38.6	01Jan2015, 06:23	3.6
PW_VRW3	8.439133	1700.9	01Jan2015, 06:44	669.1
VRW3	0.3503	392.9	01Jan2015, 06:16	26.4
RT.VRW3	8.439133	1700.1	01Jan2015, 06:48	669.0
PW15_I	0.2323	484.0	01Jan2015, 06:15	30.1
PW15_P	0.1688	7.2	01Jan2015, 06:35	1.2
PW15	0.4011	485.4	01Jan2015, 06:16	31.3
PW14.1_I	0.1245	256.8	01Jan2015, 06:16	16.1
PW14.1_P	0.0879	21.9	01Jan2015, 06:23	2.0
PW14.1	0.2124	274.6	01Jan2015, 06:16	18.1
PW13_I	0.0313	63.7	01Jan2015, 06:16	4.1
PW13_P	0.0238	5.2	01Jan2015, 06:24	0.5
PW13	0.0551	67.7	01Jan2015, 06:17	4.6
PW14.2_I	0.0149	33.0	01Jan2015, 06:14	1.9
PW14.2_P	0.0095	1.1	01Jan2015, 06:24	0.1
PW14.2	0.0244	33.7	01Jan2015, 06:14	2.1
PW13_14.2	0.0795	100.7	01Jan2015, 06:16	6.6
RT.PW13	0.0795	100.2	01Jan2015, 06:26	6.7
PW13_14.1	0.2919	335.0	01Jan2015, 06:20	24.8
RT.PW14.1	0.2919	333.5	01Jan2015, 06:23	24.8
PW14_I	0.0692	145.6	01Jan2015, 06:15	9.0
PW14_P	0.0499	1.7	01Jan2015, 06:37	0.3
PW14	0.1191	145.8	01Jan2015, 06:15	9.3
PW15.1_I	0.0144	43.0	01Jan2015, 06:08	1.9
PW15.1_P	0.0089	0.4	01Jan2015, 06:23	0.1
PW15.1	0.0233	43.0	01Jan2015, 06:08	1.9
PW14_VRW3	9.274533	2126.7	01Jan2015, 06:30	736.3
RT.PW14	9.274533	2123.8	01Jan2015, 06:32	736.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	257.2	01Jan2015, 06:19	17.9
VR5_P	0.1197	10.4	01Jan2015, 06:32	1.4
VR5	0.2576	263.3	01Jan2015, 06:19	19.3
TVI1_I	0.0500	106.0	01Jan2015, 06:15	6.5
TVI1_P	0.0459	1.6	01Jan2015, 06:37	0.3
TVI1	0.0959	106.2	01Jan2015, 06:15	6.8
TVI1.1_I	0.0487	117.3	01Jan2015, 06:12	6.3
TVI1.1_P	0.0149	2.1	01Jan2015, 06:20	0.2
TVI1.1	0.0636	118.6	01Jan2015, 06:12	6.5
TVI_TOTAL	0.1595	221.5	01Jan2015, 06:13	13.3
RT.TVI	0.1595	221.1	01Jan2015, 06:14	13.3
VR_TVI_PW	9.691633	2417.8	01Jan2015, 06:28	768.8
RT.VR5	9.691633	2414.7	01Jan2015, 06:31	768.7
SEV1_P	0.0904	3.1	01Jan2015, 06:37	0.5
SEV1_I	0.0792	167.3	01Jan2015, 06:15	10.3
SEV1	0.1696	167.7	01Jan2015, 06:15	10.8
VR_TVI_PW_SEV	9.861233	2498.1	01Jan2015, 06:30	779.5
RT.SEV1	9.861233	2496.7	01Jan2015, 06:33	779.6
VRW1_I	0.1758	372.5	01Jan2015, 06:15	22.8
VRW1_P	0.1559	49.7	01Jan2015, 06:21	4.1
VRW1	0.3317	414.8	01Jan2015, 06:16	26.9
PW11_I	0.0825	185.0	01Jan2015, 06:14	10.7
PW11_P	0.0444	41.4	01Jan2015, 06:16	2.5
PW11	0.1269	225.5	01Jan2015, 06:14	13.2
RT.PW11	0.1269	224.8	01Jan2015, 06:18	13.2
RT.PW11A	0.1269	224.4	01Jan2015, 06:19	13.2
PW11_VRW1	0.4586	631.3	01Jan2015, 06:17	40.1
RT.VRW1	0.4586	630.5	01Jan2015, 06:18	40.1
VRW2_I	0.1139	234.1	01Jan2015, 06:16	14.8
VRW2_P	0.0864	14.7	01Jan2015, 06:24	1.5
VRW2	0.2003	244.7	01Jan2015, 06:16	16.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	244.5	01Jan2015, 06:18	16.3
RT.VRW2A	0.6589	874.0	01Jan2015, 06:19	56.4
VR2_I	0.1377	290.7	01Jan2015, 06:15	17.8
VR2_P	0.1126	14.7	01Jan2015, 06:25	1.6
VR2	0.2503	299.8	01Jan2015, 06:15	19.5
VRW1_2_VR2	0.9092	1161.8	01Jan2015, 06:18	75.9
RT.VR2	0.9092	1159.0	01Jan2015, 06:20	75.9
VR4_I	0.1367	228.5	01Jan2015, 06:22	17.7
VR4_P	0.1165	51.1	01Jan2015, 06:28	4.6
VR4	0.2532	276.5	01Jan2015, 06:23	22.3
VR1_I	0.0497	115.9	01Jan2015, 06:13	6.4
VR1_P	0.0360	20.4	01Jan2015, 06:16	1.3
VR1	0.0857	134.9	01Jan2015, 06:13	7.8
VRW_VR1_4	1.2481	1533.4	01Jan2015, 06:19	106.0
VR3_I	0.1746	345.7	01Jan2015, 06:17	22.6
VR3_P	0.1530	32.6	01Jan2015, 06:25	3.2
VR3	0.3276	371.3	01Jan2015, 06:17	25.8
VR6_P	0.1236	88.2	01Jan2015, 06:24	7.0
VR6_I	0.0691	120.6	01Jan2015, 06:21	9.0
VR6	0.1927	207.0	01Jan2015, 06:22	15.9
Las Ventanas Dam	1.7684	72.3	01Jan2015, 07:50	147.8
RT.LVDD	1.7684	72.3	01Jan2015, 07:53	147.8
VR7_I	0.1062	190.0	01Jan2015, 06:20	13.8
VR7_P	0.0886	10.2	01Jan2015, 06:32	1.3
VR7	0.1948	196.9	01Jan2015, 06:20	15.0
Little Window Dam	0.1948	30.3	01Jan2015, 07:06	15.0
LVDD_LWD	1.9632	102.1	01Jan2015, 07:20	162.8
RT.LWD	1.9632	102.1	01Jan2015, 07:21	162.8
SEV2_P	0.0476	1.8	01Jan2015, 06:32	0.3
SEV2_I	0.0076	19.6	01Jan2015, 06:10	1.0
SEV2	0.0552	19.7	01Jan2015, 06:11	1.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	11.879633	2597.0	01Jan2015, 06:33	943.7

Project: DCM #3 Simulation Run: WBCA_DCM3_50YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 50_YR
 Compute Time: 17May2016, 20:56:09 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	96.5	01Jan2015, 06:22	8.4
QR9_I	0.2966	525.7	01Jan2015, 06:16	34.2
QR9	0.6311	610.6	01Jan2015, 06:17	42.6
QR7_P	0.284053	54.8	01Jan2015, 06:26	5.6
QR7_I	0.1862	309.7	01Jan2015, 06:18	21.5
QR7	0.470253	355.1	01Jan2015, 06:19	27.1
QR8_P	0.2071	38.9	01Jan2015, 06:27	4.1
QR8_I	0.1122	181.2	01Jan2015, 06:19	12.9
QR8	0.3193	213.6	01Jan2015, 06:20	17.0
QR7_9	1.420653	1171.7	01Jan2015, 06:18	86.7
RT.QR8	1.420653	1136.2	01Jan2015, 06:20	86.3
QR4_P	0.2437	47.5	01Jan2015, 06:31	5.2
QR4_I	0.2249	331.3	01Jan2015, 06:22	25.9
QR4	0.4686	371.9	01Jan2015, 06:23	31.2
QR6_I	0.1436	244.7	01Jan2015, 06:17	16.6
QR6_P	0.1370	38.1	01Jan2015, 06:24	3.5
QR6	0.2806	278.3	01Jan2015, 06:18	20.0
QR1_I	0.1372	255.9	01Jan2015, 06:15	15.8
QR1_P	0.1318	21.6	01Jan2015, 06:23	2.2
QR1	0.2690	271.8	01Jan2015, 06:15	18.0
RT.QR1	0.2690	270.4	01Jan2015, 06:17	18.0
QR3_P	0.1003	19.0	01Jan2015, 06:22	1.8
QR3_I	0.0952	178.3	01Jan2015, 06:15	11.0
QR3	0.1955	192.9	01Jan2015, 06:15	12.8
RT.QR3	0.1955	192.2	01Jan2015, 06:19	12.8
QR2_I	0.0325	69.6	01Jan2015, 06:12	3.7
QR2_P	0.0312	7.6	01Jan2015, 06:17	0.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	75.6	01Jan2015, 06:12	4.4
QR3_6	1.2774	1148.6	01Jan2015, 06:19	86.3
QR15_P	0.0668	18.1	01Jan2015, 06:25	1.7
QR15_I	0.0627	104.0	01Jan2015, 06:18	7.2
QR15	0.1295	120.0	01Jan2015, 06:19	8.9
QR3_15	2.827553	2401.3	01Jan2015, 06:19	181.6
RT.QR4	2.827553	1953.9	01Jan2015, 06:25	175.1
QR20_I	0.2242	307.6	01Jan2015, 06:25	25.8
QR20_P	0.0961	19.6	01Jan2015, 06:33	2.2
QR20	0.3203	324.7	01Jan2015, 06:25	28.1
QR3_20	3.147853	2278.5	01Jan2015, 06:25	203.1
RT.QR20	3.147853	2266.4	01Jan2015, 06:28	202.9
QR23_I	0.2380	378.6	01Jan2015, 06:19	27.4
QR23_P	0.2265	28.4	01Jan2015, 06:30	3.4
QR23	0.4645	399.8	01Jan2015, 06:20	30.9
QR24_P	0.2066	27.0	01Jan2015, 06:27	3.1
QR24_I	0.1995	335.3	01Jan2015, 06:18	23.0
QR24	0.4061	354.7	01Jan2015, 06:18	26.1
QR21_I	0.1826	237.2	01Jan2015, 06:27	21.0
QR21_P	0.1435	30.9	01Jan2015, 06:35	3.6
QR21	0.3261	264.7	01Jan2015, 06:28	24.7
RT.QR21	0.3261	264.5	01Jan2015, 06:31	24.7
QR26_I	0.1547	253.7	01Jan2015, 06:19	17.8
QR26_P	0.0797	21.4	01Jan2015, 06:25	2.0
QR26	0.2344	272.6	01Jan2015, 06:19	19.8
QR25_P	0.1312	10.2	01Jan2015, 06:24	1.3
QR25_I	0.1024	210.1	01Jan2015, 06:13	11.8
QR25	0.2336	214.9	01Jan2015, 06:13	13.1
QR27_I	0.0925	149.4	01Jan2015, 06:19	10.7
QR27_P	0.0478	12.6	01Jan2015, 06:26	1.2
QR27	0.1403	160.3	01Jan2015, 06:20	11.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3662.1	01Jan2015, 06:25	329.4
QRP	4.952853	764.6	01Jan2015, 07:09	328.4
QRP_OUT	4.952853	764.6	01Jan2015, 07:09	328.4
RT.QR24	4.952853	764.5	01Jan2015, 07:17	328.4
PW4_P	0.2187	3.8	01Jan2015, 06:39	0.9
PW4_I	0.2035	385.0	01Jan2015, 06:15	23.5
PW4	0.4222	385.2	01Jan2015, 06:15	24.4
QR3_25_PW4	5.375053	788.9	01Jan2015, 07:08	352.8
RT.PW4	5.375053	788.7	01Jan2015, 07:17	352.9
PW3_P	0.1919	59.6	01Jan2015, 06:16	4.5
PW3_I	0.1536	329.8	01Jan2015, 06:12	17.7
PW3	0.3455	381.1	01Jan2015, 06:12	22.2
PW2_I	0.0511	115.9	01Jan2015, 06:10	5.9
PW2_P	0.0494	18.2	01Jan2015, 06:14	1.2
PW2	0.1005	131.9	01Jan2015, 06:11	7.1
QR26_PW3	0.4460	511.7	01Jan2015, 06:12	29.3
RT.PW3	0.4460	492.4	01Jan2015, 06:20	29.2
PW7_I	0.2944	554.7	01Jan2015, 06:15	33.9
PW7_P	0.1809	55.5	01Jan2015, 06:20	4.6
PW7	0.4753	603.2	01Jan2015, 06:15	38.5
PW6_I	0.2457	407.1	01Jan2015, 06:18	28.3
PW6_P	0.2093	91.6	01Jan2015, 06:23	7.5
PW6	0.4550	493.3	01Jan2015, 06:19	35.8
PW1_I	0.0684	145.1	01Jan2015, 06:12	7.9
PW1_P	0.0352	12.1	01Jan2015, 06:16	0.9
PW1	0.1036	155.5	01Jan2015, 06:12	8.8
PW3_PW7	1.4799	1673.0	01Jan2015, 06:18	112.3
RT.PW7	1.4799	1663.1	01Jan2015, 06:21	112.2
PW10_I	0.2594	505.4	01Jan2015, 06:14	29.9
PW10_P	0.1486	25.3	01Jan2015, 06:21	2.5
PW10	0.4080	524.0	01Jan2015, 06:14	32.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	379.9	01Jan2015, 06:15	23.8
PW12_P	0.1395	46.5	01Jan2015, 06:20	3.8
PW12	0.3457	421.2	01Jan2015, 06:16	27.5
PW5_I	0.1171	246.0	01Jan2015, 06:12	13.5
PW5_P	0.0635	5.0	01Jan2015, 06:23	0.6
PW5	0.1806	248.1	01Jan2015, 06:12	14.1
PW5.1_I	0.0097	25.4	01Jan2015, 06:08	1.1
PW5.1_P	0.0068	0.1	01Jan2015, 06:34	0.0
PW5.1	0.0165	25.4	01Jan2015, 06:08	1.1
PW5_5.1	0.1971	268.3	01Jan2015, 06:12	15.3
RT.PW5	0.1971	267.5	01Jan2015, 06:16	15.3
PW9_I	0.0738	151.5	01Jan2015, 06:13	8.5
PW9_P	0.0465	9.5	01Jan2015, 06:19	0.8
PW9	0.1203	158.9	01Jan2015, 06:13	9.4
PW9.1_I	0.0056	15.9	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.1	01Jan2015, 06:31	0.0
PW9.1	0.0095	15.9	01Jan2015, 06:06	0.7
PW9_9.1	0.1298	168.3	01Jan2015, 06:12	10.0
PW5_9	0.3269	429.1	01Jan2015, 06:15	25.3
RT.PW9	0.3269	427.3	01Jan2015, 06:18	25.4
PW8_I	0.0720	131.1	01Jan2015, 06:16	8.3
PW8_P	0.06108	3.0	01Jan2015, 06:33	0.5
PW8	0.13308	132.2	01Jan2015, 06:16	8.8
PW10.2_I	0.0089	16.7	01Jan2015, 06:15	1.0
PW10.2_P	0.0055	0.1	01Jan2015, 06:39	0.0
PW10.2	0.0144	16.7	01Jan2015, 06:15	1.0
PW10.1_I	0.0037	10.7	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 06:32	0.0
PW10.1	0.0058	10.7	01Jan2015, 06:06	0.4
PW1_12	8.088833	3459.5	01Jan2015, 06:20	560.6
PWP	8.088833	1464.1	01Jan2015, 06:48	558.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	1464.1	01Jan2015, 06:48	558.9
RT.PW10	8.088833	1463.4	01Jan2015, 06:53	558.9
VRW3_I	0.1758	317.8	01Jan2015, 06:16	20.3
VRW3_P	0.1745	24.2	01Jan2015, 06:24	2.6
PW_VRW3	8.439133	1534.8	01Jan2015, 06:44	581.8
VRW3	0.3503	335.0	01Jan2015, 06:16	22.9
RT.VRW3	8.439133	1534.1	01Jan2015, 06:49	581.7
PW15_I	0.2323	424.3	01Jan2015, 06:15	26.8
PW15_P	0.1688	2.9	01Jan2015, 06:40	0.7
PW15	0.4011	424.3	01Jan2015, 06:15	27.5
PW14.1_I	0.1245	225.1	01Jan2015, 06:16	14.3
PW14.1_P	0.0879	14.1	01Jan2015, 06:24	1.5
PW14.1	0.2124	235.7	01Jan2015, 06:16	15.8
PW13_I	0.0313	55.8	01Jan2015, 06:16	3.6
PW13_P	0.0238	3.3	01Jan2015, 06:25	0.4
PW13	0.0551	58.1	01Jan2015, 06:17	4.0
PW14.2_I	0.0149	29.0	01Jan2015, 06:14	1.7
PW14.2_P	0.0095	0.6	01Jan2015, 06:28	0.1
PW14.2	0.0244	29.2	01Jan2015, 06:14	1.8
PW13_14.2	0.0795	86.6	01Jan2015, 06:16	5.8
RT.PW13	0.0795	86.2	01Jan2015, 06:27	5.9
PW13_14.1	0.2919	284.0	01Jan2015, 06:21	21.7
RT.PW14.1	0.2919	283.0	01Jan2015, 06:23	21.7
PW14_I	0.0692	127.6	01Jan2015, 06:15	8.0
PW14_P	0.0499	0.6	01Jan2015, 06:43	0.2
PW14	0.1191	127.6	01Jan2015, 06:15	8.1
PW15.1_I	0.0144	37.7	01Jan2015, 06:08	1.7
PW15.1_P	0.0089	0.2	01Jan2015, 06:33	0.0
PW15.1	0.0233	37.7	01Jan2015, 06:08	1.7
PW14_VRW3	9.274533	1872.8	01Jan2015, 06:32	640.7
RT.PW14	9.274533	1870.6	01Jan2015, 06:34	640.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	225.5	01Jan2015, 06:19	15.9
VR5_P	0.1197	5.5	01Jan2015, 06:37	0.9
VR5	0.2576	227.7	01Jan2015, 06:19	16.8
TVI1_I	0.0500	93.0	01Jan2015, 06:15	5.8
TVI1_P	0.0459	0.5	01Jan2015, 06:42	0.2
TVI1	0.0959	93.0	01Jan2015, 06:15	5.9
TVI1.1_I	0.0487	102.8	01Jan2015, 06:12	5.6
TVI1.1_P	0.0149	1.2	01Jan2015, 06:23	0.1
TVI1.1	0.0636	103.3	01Jan2015, 06:12	5.8
TVI_TOTAL	0.1595	193.4	01Jan2015, 06:13	11.7
RT.TVI	0.1595	193.0	01Jan2015, 06:14	11.7
VR_TVI_PW	9.691633	2093.1	01Jan2015, 06:31	669.1
RT.VR5	9.691633	2090.5	01Jan2015, 06:34	669.0
SEV1_P	0.0904	1.0	01Jan2015, 06:42	0.3
SEV1_I	0.0792	146.7	01Jan2015, 06:15	9.1
SEV1	0.1696	146.7	01Jan2015, 06:15	9.4
VR_TVI_PW_SEV	9.861233	2153.2	01Jan2015, 06:33	678.5
RT.SEV1	9.861233	2152.3	01Jan2015, 06:35	678.5
VRW1_I	0.1758	326.6	01Jan2015, 06:15	20.3
VRW1_P	0.1559	33.2	01Jan2015, 06:22	3.1
VRW1	0.3317	353.1	01Jan2015, 06:16	23.3
PW11_I	0.0825	162.2	01Jan2015, 06:14	9.5
PW11_P	0.0444	32.3	01Jan2015, 06:16	2.0
PW11	0.1269	193.6	01Jan2015, 06:14	11.6
RT.PW11	0.1269	193.2	01Jan2015, 06:18	11.6
RT.PW11A	0.1269	192.8	01Jan2015, 06:19	11.6
PW11_VRW1	0.4586	537.6	01Jan2015, 06:17	34.9
RT.VRW1	0.4586	536.9	01Jan2015, 06:18	35.0
VRW2_I	0.1139	205.2	01Jan2015, 06:16	13.1
VRW2_P	0.0864	8.8	01Jan2015, 06:26	1.1
VRW2	0.2003	210.6	01Jan2015, 06:16	14.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	210.4	01Jan2015, 06:18	14.2
RT.VRW2A	0.6589	746.7	01Jan2015, 06:19	49.2
VR2_I	0.1377	254.9	01Jan2015, 06:15	15.9
VR2_P	0.1126	8.2	01Jan2015, 06:28	1.1
VR2	0.2503	258.7	01Jan2015, 06:15	17.0
VRW1_2_VR2	0.9092	992.9	01Jan2015, 06:18	66.1
RT.VR2	0.9092	991.4	01Jan2015, 06:20	66.2
VR4_I	0.1367	200.2	01Jan2015, 06:22	15.8
VR4_P	0.1165	37.6	01Jan2015, 06:28	3.6
VR4	0.2532	235.0	01Jan2015, 06:23	19.4
VR1_I	0.0497	101.6	01Jan2015, 06:13	5.7
VR1_P	0.0360	14.8	01Jan2015, 06:17	1.1
VR1	0.0857	115.0	01Jan2015, 06:13	6.8
VRW_VR1_4	1.2481	1309.5	01Jan2015, 06:20	92.3
VR3_I	0.1746	303.0	01Jan2015, 06:17	20.1
VR3_P	0.1530	20.6	01Jan2015, 06:26	2.3
VR3	0.3276	317.6	01Jan2015, 06:17	22.4
VR6_P	0.1236	68.9	01Jan2015, 06:25	5.7
VR6_I	0.0691	105.7	01Jan2015, 06:21	8.0
VR6	0.1927	172.9	01Jan2015, 06:22	13.7
Las Ventanas Dam	1.7684	70.0	01Jan2015, 07:44	128.4
RT.LVDD	1.7684	70.0	01Jan2015, 07:47	128.4
VR7_I	0.1062	166.5	01Jan2015, 06:20	12.2
VR7_P	0.0886	5.8	01Jan2015, 06:35	0.9
VR7	0.1948	169.7	01Jan2015, 06:20	13.1
Little Window Dam	0.1948	28.6	01Jan2015, 07:03	13.1
LVDD_LWD	1.9632	98.2	01Jan2015, 07:19	141.6
RT.LWD	1.9632	98.2	01Jan2015, 07:20	141.6
SEV2_P	0.0476	0.6	01Jan2015, 06:36	0.2
SEV2_I	0.0076	17.2	01Jan2015, 06:10	0.9
SEV2	0.0552	17.2	01Jan2015, 06:10	1.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	1.879633	2248.4	01Jan2015, 06:35	821.1

Project: DCM #3 Simulation Run: WBCA_DCM3_25YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 25_YR
Compute Time: 17May2016, 20:52:38 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	63.3	01Jan2015, 06:23	6.2
QR9_I	0.2966	455.3	01Jan2015, 06:16	30.1
QR9	0.6311	508.1	01Jan2015, 06:17	36.3
QR7_P	0.284053	33.6	01Jan2015, 06:27	4.0
QR7_I	0.1862	268.2	01Jan2015, 06:18	18.9
QR7	0.470253	293.7	01Jan2015, 06:19	22.9
QR8_P	0.2071	24.0	01Jan2015, 06:29	2.9
QR8_I	0.1122	156.8	01Jan2015, 06:19	11.4
QR8	0.3193	175.2	01Jan2015, 06:20	14.3
QR7_9	1.420653	971.2	01Jan2015, 06:18	73.5
RT.QR8	1.420653	945.4	01Jan2015, 06:20	73.3
QR4_P	0.2437	30.2	01Jan2015, 06:32	3.8
QR4_I	0.2249	286.8	01Jan2015, 06:22	22.8
QR4	0.4686	310.9	01Jan2015, 06:23	26.6
QR6_I	0.1436	211.9	01Jan2015, 06:17	14.6
QR6_P	0.1370	25.0	01Jan2015, 06:25	2.5
QR6	0.2806	232.9	01Jan2015, 06:18	17.1
QR1_I	0.1372	221.7	01Jan2015, 06:15	13.9
QR1_P	0.1318	12.4	01Jan2015, 06:25	1.5
QR1	0.2690	229.4	01Jan2015, 06:15	15.4
RT.QR1	0.2690	228.3	01Jan2015, 06:17	15.4
QR3_P	0.1003	11.2	01Jan2015, 06:24	1.3
QR3_I	0.0952	154.5	01Jan2015, 06:15	9.7
QR3	0.1955	162.1	01Jan2015, 06:15	10.9
RT.QR3	0.1955	161.5	01Jan2015, 06:19	10.9
QR2_I	0.0325	60.3	01Jan2015, 06:12	3.3
QR2_P	0.0312	4.5	01Jan2015, 06:18	0.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	63.5	01Jan2015, 06:12	3.7
QR3_6	1.2774	963.5	01Jan2015, 06:19	73.8
QR15_P	0.0668	11.9	01Jan2015, 06:26	1.2
QR15_I	0.0627	90.1	01Jan2015, 06:18	6.4
QR15	0.1295	100.1	01Jan2015, 06:19	7.6
QR3_15	2.827553	2007.1	01Jan2015, 06:19	154.7
RT.QR4	2.827553	1660.9	01Jan2015, 06:25	149.9
QR20_I	0.2242	266.2	01Jan2015, 06:25	22.8
QR20_P	0.0961	12.8	01Jan2015, 06:35	1.6
QR20	0.3203	276.8	01Jan2015, 06:25	24.4
QR3_20	3.147853	1937.7	01Jan2015, 06:25	174.2
RT.QR20	3.147853	1927.9	01Jan2015, 06:28	174.1
QR23_I	0.2380	327.7	01Jan2015, 06:19	24.2
QR23_P	0.2265	16.1	01Jan2015, 06:32	2.3
QR23	0.4645	338.0	01Jan2015, 06:20	26.5
QR24_P	0.2066	15.2	01Jan2015, 06:30	2.1
QR24_I	0.1995	290.3	01Jan2015, 06:18	20.2
QR24	0.4061	299.5	01Jan2015, 06:18	22.4
QR21_I	0.1826	205.2	01Jan2015, 06:27	18.5
QR21_P	0.1435	20.6	01Jan2015, 06:37	2.7
QR21	0.3261	222.8	01Jan2015, 06:28	21.2
RT.QR21	0.3261	222.7	01Jan2015, 06:31	21.2
QR26_I	0.1547	219.7	01Jan2015, 06:19	15.7
QR26_P	0.0797	14.1	01Jan2015, 06:26	1.5
QR26	0.2344	231.5	01Jan2015, 06:19	17.2
QR25_P	0.1312	4.8	01Jan2015, 06:31	0.8
QR25_I	0.1024	182.1	01Jan2015, 06:13	10.4
QR25	0.2336	183.1	01Jan2015, 06:13	11.2
QR27_I	0.0925	129.3	01Jan2015, 06:19	9.4
QR27_P	0.0478	8.3	01Jan2015, 06:27	0.9
QR27	0.1403	136.2	01Jan2015, 06:20	10.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	3094.3	01Jan2015, 06:25	282.8
QRP	4.952853	688.1	01Jan2015, 07:07	281.9
QRP_OUT	4.952853	688.1	01Jan2015, 07:07	281.9
RT.QR24	4.952853	688.0	01Jan2015, 07:14	281.9
PW4_P	0.2187	0.7	01Jan2015, 07:05	0.4
PW4_I	0.2035	333.6	01Jan2015, 06:15	20.7
PW4	0.4222	333.6	01Jan2015, 06:15	21.1
QR3_25_PW4	5.375053	708.3	01Jan2015, 07:08	303.0
RT.PW4	5.375053	708.1	01Jan2015, 07:17	303.1
PW3_P	0.1919	37.8	01Jan2015, 06:17	3.3
PW3_I	0.1536	285.9	01Jan2015, 06:12	15.6
PW3	0.3455	316.0	01Jan2015, 06:12	18.9
PW2_I	0.0511	100.5	01Jan2015, 06:10	5.2
PW2_P	0.0494	11.8	01Jan2015, 06:15	0.9
PW2	0.1005	110.1	01Jan2015, 06:11	6.1
QR26_PW3	0.4460	425.0	01Jan2015, 06:12	25.0
RT.PW3	0.4460	411.4	01Jan2015, 06:20	24.9
PW7_I	0.2944	480.6	01Jan2015, 06:15	29.9
PW7_P	0.1809	36.3	01Jan2015, 06:21	3.4
PW7	0.4753	510.5	01Jan2015, 06:15	33.2
PW6_I	0.2457	352.5	01Jan2015, 06:18	24.9
PW6_P	0.2093	65.5	01Jan2015, 06:23	5.8
PW6	0.4550	412.9	01Jan2015, 06:19	30.7
PW1_I	0.0684	125.8	01Jan2015, 06:12	6.9
PW1_P	0.0352	7.9	01Jan2015, 06:17	0.7
PW1	0.1036	132.1	01Jan2015, 06:12	7.6
PW3_PW7	1.4799	1405.9	01Jan2015, 06:18	96.5
RT.PW7	1.4799	1398.5	01Jan2015, 06:21	96.4
PW10_I	0.2594	437.9	01Jan2015, 06:14	26.3
PW10_P	0.1486	14.4	01Jan2015, 06:23	1.7
PW10	0.4080	446.9	01Jan2015, 06:14	28.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	329.1	01Jan2015, 06:15	20.9
PW12_P	0.1395	31.0	01Jan2015, 06:21	2.8
PW12	0.3457	355.3	01Jan2015, 06:16	23.7
PW5_I	0.1171	213.2	01Jan2015, 06:12	11.9
PW5_P	0.0635	2.3	01Jan2015, 06:31	0.4
PW5	0.1806	213.6	01Jan2015, 06:12	12.3
PW5.1_I	0.0097	22.0	01Jan2015, 06:08	1.0
PW5.1_P	0.0068	0.0	01Jan2015, 07:03	0.0
PW5.1	0.0165	22.0	01Jan2015, 06:08	1.0
PW5_5.1	0.1971	231.2	01Jan2015, 06:12	13.3
RT.PW5	0.1971	230.7	01Jan2015, 06:16	13.3
PW9_I	0.0738	131.3	01Jan2015, 06:13	7.5
PW9_P	0.0465	5.6	01Jan2015, 06:20	0.6
PW9	0.1203	135.1	01Jan2015, 06:13	8.1
PW9.1_I	0.0056	13.8	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.0	01Jan2015, 06:33	0.0
PW9.1	0.0095	13.8	01Jan2015, 06:06	0.6
PW9_9.1	0.1298	143.3	01Jan2015, 06:12	8.7
PW5_9	0.3269	367.2	01Jan2015, 06:15	22.0
RT.PW9	0.3269	365.2	01Jan2015, 06:18	22.0
PW8_I	0.0720	113.6	01Jan2015, 06:16	7.3
PW8_P	0.06108	1.2	01Jan2015, 06:38	0.3
PW8	0.13308	113.7	01Jan2015, 06:16	7.6
PW10.2_I	0.0089	14.5	01Jan2015, 06:15	0.9
PW10.2_P	0.0055	0.0	01Jan2015, 07:05	0.0
PW10.2	0.0144	14.5	01Jan2015, 06:15	0.9
PW10.1_I	0.0037	9.3	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 07:02	0.0
PW10.1	0.0058	9.3	01Jan2015, 06:06	0.4
PW1_12	8.088833	2921.5	01Jan2015, 06:20	482.2
PWP	8.088833	1303.3	01Jan2015, 06:47	480.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	1303.3	01Jan2015, 06:47	480.6
RT.PW10	8.088833	1302.6	01Jan2015, 06:52	480.5
VRW3_I	0.1758	275.3	01Jan2015, 06:16	17.8
VRW3_P	0.1745	13.5	01Jan2015, 06:27	1.8
PW_VRW3	8.439133	1364.7	01Jan2015, 06:43	500.1
VRW3	0.3503	283.2	01Jan2015, 06:16	19.6
RT.VRW3	8.439133	1364.0	01Jan2015, 06:48	500.1
PW15_I	0.2323	367.5	01Jan2015, 06:15	23.6
PW15_P	0.1688	0.5	01Jan2015, 07:06	0.3
PW15	0.4011	367.5	01Jan2015, 06:15	23.9
PW14.1_I	0.1245	195.0	01Jan2015, 06:16	12.6
PW14.1_P	0.0879	8.1	01Jan2015, 06:26	1.0
PW14.1	0.2124	200.2	01Jan2015, 06:16	13.6
PW13_I	0.0313	48.3	01Jan2015, 06:16	3.2
PW13_P	0.0238	1.8	01Jan2015, 06:28	0.2
PW13	0.0551	49.4	01Jan2015, 06:16	3.4
PW14.2_I	0.0149	25.1	01Jan2015, 06:14	1.5
PW14.2_P	0.0095	0.3	01Jan2015, 06:35	0.1
PW14.2	0.0244	25.1	01Jan2015, 06:14	1.6
PW13_14.2	0.0795	73.9	01Jan2015, 06:16	5.0
RT.PW13	0.0795	73.6	01Jan2015, 06:27	5.1
PW13_14.1	0.2919	237.4	01Jan2015, 06:21	18.7
RT.PW14.1	0.2919	236.7	01Jan2015, 06:23	18.7
PW14_I	0.0692	110.5	01Jan2015, 06:15	7.0
PW14_P	0.0499	0.1	01Jan2015, 07:12	0.1
PW14	0.1191	110.5	01Jan2015, 06:15	7.1
PW15.1_I	0.0144	32.7	01Jan2015, 06:08	1.5
PW15.1_P	0.0089	0.0	01Jan2015, 07:01	0.0
PW15.1	0.0233	32.7	01Jan2015, 06:08	1.5
PW14_VRW3	9.274533	1636.0	01Jan2015, 06:35	551.3
RT.PW14	9.274533	1634.2	01Jan2015, 06:37	551.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	195.3	01Jan2015, 06:19	14.0
VR5_P	0.1197	2.2	01Jan2015, 06:41	0.5
VR5	0.2576	195.6	01Jan2015, 06:19	14.5
TVI1_I	0.0500	80.5	01Jan2015, 06:15	5.1
TVI1_P	0.0459	0.1	01Jan2015, 07:11	0.1
TVI1	0.0959	80.5	01Jan2015, 06:15	5.1
TVI1.1_I	0.0487	89.1	01Jan2015, 06:12	4.9
TVI1.1_P	0.0149	0.5	01Jan2015, 06:31	0.1
TVI1.1	0.0636	89.2	01Jan2015, 06:12	5.0
TVI_TOTAL	0.1595	167.2	01Jan2015, 06:13	10.2
RT.TVI	0.1595	166.9	01Jan2015, 06:14	10.2
VR_TVI_PW	9.691633	1798.8	01Jan2015, 06:34	575.9
RT.VR5	9.691633	1796.8	01Jan2015, 06:37	575.9
SEV1_P	0.0904	0.1	01Jan2015, 07:12	0.1
SEV1_I	0.0792	127.0	01Jan2015, 06:15	8.0
SEV1	0.1696	127.0	01Jan2015, 06:15	8.2
VR_TVI_PW_SEV	9.861233	1841.9	01Jan2015, 06:36	584.0
RT.SEV1	9.861233	1840.8	01Jan2015, 06:38	584.1
VRW1_I	0.1758	282.9	01Jan2015, 06:15	17.8
VRW1_P	0.1559	20.2	01Jan2015, 06:23	2.2
VRW1	0.3317	297.2	01Jan2015, 06:16	20.0
PW11_I	0.0825	140.5	01Jan2015, 06:14	8.4
PW11_P	0.0444	24.3	01Jan2015, 06:16	1.6
PW11	0.1269	163.9	01Jan2015, 06:14	10.0
RT.PW11	0.1269	163.4	01Jan2015, 06:18	10.0
RT.PW11A	0.1269	163.0	01Jan2015, 06:19	10.0
PW11_VRW1	0.4586	451.7	01Jan2015, 06:17	30.1
RT.VRW1	0.4586	450.9	01Jan2015, 06:18	30.1
VRW2_I	0.1139	177.7	01Jan2015, 06:16	11.6
VRW2_P	0.0864	4.5	01Jan2015, 06:31	0.7
VRW2	0.2003	179.8	01Jan2015, 06:16	12.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	179.5	01Jan2015, 06:18	12.3
RT.VRW2A	0.6589	629.9	01Jan2015, 06:19	42.4
VR2_I	0.1377	220.8	01Jan2015, 06:15	14.0
VR2_P	0.1126	3.9	01Jan2015, 06:34	0.7
VR2	0.2503	221.7	01Jan2015, 06:15	14.7
VRW1_2_VR2	0.9092	839.6	01Jan2015, 06:18	57.0
RT.VR2	0.9092	838.7	01Jan2015, 06:20	57.1
VR4_I	0.1367	173.3	01Jan2015, 06:22	13.9
VR4_P	0.1165	26.2	01Jan2015, 06:29	2.8
VR4	0.2532	196.9	01Jan2015, 06:23	16.6
VR1_I	0.0497	88.1	01Jan2015, 06:13	5.0
VR1_P	0.0360	10.0	01Jan2015, 06:17	0.8
VR1	0.0857	96.8	01Jan2015, 06:13	5.8
VRW_VR1_4	1.2481	1105.6	01Jan2015, 06:20	79.5
VR3_I	0.1746	262.4	01Jan2015, 06:17	17.7
VR3_P	0.1530	11.5	01Jan2015, 06:29	1.6
VR3	0.3276	269.2	01Jan2015, 06:17	19.3
VR6_P	0.1236	51.9	01Jan2015, 06:25	4.5
VR6_I	0.0691	91.5	01Jan2015, 06:21	7.0
VR6	0.1927	141.7	01Jan2015, 06:22	11.6
Las Ventanas Dam	1.7684	67.6	01Jan2015, 07:42	110.4
RT.LVDD	1.7684	67.6	01Jan2015, 07:45	110.4
VR7_I	0.1062	144.2	01Jan2015, 06:20	10.8
VR7_P	0.0886	2.8	01Jan2015, 06:39	0.5
VR7	0.1948	145.1	01Jan2015, 06:20	11.3
Little Window Dam	0.1948	27.0	01Jan2015, 07:00	11.3
LVDD_LWD	1.9632	94.3	01Jan2015, 07:15	121.7
RT.LWD	1.9632	94.3	01Jan2015, 07:16	121.7
SEV2_P	0.0476	0.1	01Jan2015, 07:06	0.1
SEV2_I	0.0076	14.9	01Jan2015, 06:11	0.8
SEV2	0.0552	14.9	01Jan2015, 06:11	0.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	11.879633	1932.6	01Jan2015, 06:38	706.6

Project: DCM #3 Simulation Run: WBCA_DCM3_10YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 10_YR
 Compute Time: 17May2016, 20:47:12 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	28.6	01Jan2015, 06:25	3.6
QR9_I	0.2966	362.0	01Jan2015, 06:16	24.5
QR9	0.6311	382.3	01Jan2015, 06:17	28.1
QR7_P	0.284053	13.2	01Jan2015, 06:32	2.2
QR7_I	0.1862	213.3	01Jan2015, 06:18	15.4
QR7	0.470253	220.4	01Jan2015, 06:19	17.5
QR8_P	0.2071	9.5	01Jan2015, 06:34	1.6
QR8_I	0.1122	124.7	01Jan2015, 06:19	9.3
QR8	0.3193	130.0	01Jan2015, 06:20	10.8
QR7_9	1.420653	729.1	01Jan2015, 06:18	56.5
RT.QR8	1.420653	713.5	01Jan2015, 06:20	56.3
QR4_P	0.2437	12.8	01Jan2015, 06:36	2.1
QR4_I	0.2249	228.1	01Jan2015, 06:22	18.6
QR4	0.4686	236.2	01Jan2015, 06:23	20.7
QR6_I	0.1436	168.5	01Jan2015, 06:17	11.9
QR6_P	0.1370	11.4	01Jan2015, 06:27	1.5
QR6	0.2806	176.7	01Jan2015, 06:18	13.3
QR1_I	0.1372	176.3	01Jan2015, 06:15	11.3
QR1_P	0.1318	4.2	01Jan2015, 06:33	0.8
QR1	0.2690	177.6	01Jan2015, 06:15	12.1
RT.QR1	0.2690	176.8	01Jan2015, 06:17	12.1
QR3_P	0.1003	4.0	01Jan2015, 06:30	0.7
QR3_I	0.0952	122.9	01Jan2015, 06:15	7.9
QR3	0.1955	124.5	01Jan2015, 06:15	8.5
RT.QR3	0.1955	124.0	01Jan2015, 06:18	8.5
QR2_I	0.0325	48.0	01Jan2015, 06:12	2.7
QR2_P	0.0312	1.7	01Jan2015, 06:23	0.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	48.7	01Jan2015, 06:12	2.9
QR3_6	1.2774	737.1	01Jan2015, 06:18	57.5
QR15_P	0.0668	5.5	01Jan2015, 06:28	0.7
QR15_I	0.0627	71.6	01Jan2015, 06:18	5.2
QR15	0.1295	75.5	01Jan2015, 06:19	5.9
QR3_15	2.827553	1525.2	01Jan2015, 06:19	119.7
RT.QR4	2.827553	1295.8	01Jan2015, 06:25	116.7
QR20_I	0.2242	211.7	01Jan2015, 06:25	18.5
QR20_P	0.0961	5.7	01Jan2015, 06:38	0.9
QR20	0.3203	215.8	01Jan2015, 06:25	19.4
QR3_20	3.147853	1511.6	01Jan2015, 06:25	136.2
RT.QR20	3.147853	1505.7	01Jan2015, 06:29	136.1
QR23_I	0.2380	260.7	01Jan2015, 06:20	19.7
QR23_P	0.2265	5.1	01Jan2015, 06:40	1.1
QR23	0.4645	262.3	01Jan2015, 06:20	20.8
QR24_P	0.2066	4.8	01Jan2015, 06:38	1.0
QR24_I	0.1995	230.9	01Jan2015, 06:18	16.5
QR24	0.4061	232.2	01Jan2015, 06:18	17.5
QR21_I	0.1826	163.2	01Jan2015, 06:27	15.1
QR21_P	0.1435	9.7	01Jan2015, 06:40	1.5
QR21	0.3261	170.6	01Jan2015, 06:28	16.6
RT.QR21	0.3261	170.5	01Jan2015, 06:31	16.6
QR26_I	0.1547	174.8	01Jan2015, 06:19	12.8
QR26_P	0.0797	6.5	01Jan2015, 06:29	0.9
QR26	0.2344	179.4	01Jan2015, 06:19	13.6
QR25_P	0.1312	0.7	01Jan2015, 06:41	0.3
QR25_I	0.1024	144.9	01Jan2015, 06:13	8.5
QR25	0.2336	144.9	01Jan2015, 06:13	8.8
QR27_I	0.0925	102.8	01Jan2015, 06:19	7.6
QR27_P	0.0478	3.8	01Jan2015, 06:29	0.5
QR27	0.1403	105.5	01Jan2015, 06:19	8.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	2394.7	01Jan2015, 06:25	221.6
QRP	4.952853	577.1	01Jan2015, 07:05	220.6
QRP_OUT	4.952853	577.1	01Jan2015, 07:05	220.6
RT.QR24	4.952853	577.0	01Jan2015, 07:12	220.7
PW4_P	0.2187	0.1	02Jan2015, 00:00	0.1
PW4_I	0.2035	265.4	01Jan2015, 06:15	16.8
PW4	0.4222	265.4	01Jan2015, 06:15	16.9
QR3_25_PW4	5.375053	594.1	01Jan2015, 07:08	237.6
RT.PW4	5.375053	593.9	01Jan2015, 07:17	237.7
PW3_P	0.1919	15.8	01Jan2015, 06:20	1.9
PW3_I	0.1536	227.4	01Jan2015, 06:12	12.7
PW3	0.3455	237.1	01Jan2015, 06:12	14.5
PW2_I	0.0511	79.9	01Jan2015, 06:10	4.2
PW2_P	0.0494	5.1	01Jan2015, 06:17	0.5
PW2	0.1005	83.3	01Jan2015, 06:11	4.8
QR26_PW3	0.4460	319.4	01Jan2015, 06:12	19.3
RT.PW3	0.4460	311.3	01Jan2015, 06:20	19.3
PW7_I	0.2944	382.3	01Jan2015, 06:15	24.3
PW7_P	0.1809	16.3	01Jan2015, 06:23	2.0
PW7	0.4753	393.5	01Jan2015, 06:15	26.3
PW6_I	0.2457	280.3	01Jan2015, 06:18	20.3
PW6_P	0.2093	36.0	01Jan2015, 06:25	3.7
PW6	0.4550	311.7	01Jan2015, 06:19	24.0
PW1_I	0.0684	100.0	01Jan2015, 06:12	5.6
PW1_P	0.0352	3.5	01Jan2015, 06:19	0.4
PW1	0.1036	102.3	01Jan2015, 06:12	6.0
PW3_PW7	1.4799	1071.6	01Jan2015, 06:18	75.5
RT.PW7	1.4799	1066.9	01Jan2015, 06:21	75.5
PW10_I	0.2594	348.3	01Jan2015, 06:14	21.4
PW10_P	0.1486	4.8	01Jan2015, 06:31	0.9
PW10	0.4080	349.7	01Jan2015, 06:14	22.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	261.7	01Jan2015, 06:15	17.0
PW12_P	0.1395	14.7	01Jan2015, 06:23	1.7
PW12	0.3457	272.4	01Jan2015, 06:16	18.7
PW5_I	0.1171	169.5	01Jan2015, 06:12	9.7
PW5_P	0.0635	0.4	01Jan2015, 06:40	0.2
PW5	0.1806	169.5	01Jan2015, 06:12	9.8
PW5.1_I	0.0097	17.5	01Jan2015, 06:08	0.8
PW5.1_P	0.0068	0.0	02Jan2015, 00:00	0.0
PW5.1	0.0165	17.5	01Jan2015, 06:08	0.8
PW5_5.1	0.1971	183.6	01Jan2015, 06:12	10.6
RT.PW5	0.1971	183.2	01Jan2015, 06:16	10.7
PW9_I	0.0738	104.4	01Jan2015, 06:13	6.1
PW9_P	0.0465	2.0	01Jan2015, 06:26	0.3
PW9	0.1203	105.2	01Jan2015, 06:13	6.4
PW9.1_I	0.0056	10.9	01Jan2015, 06:06	0.5
PW9.1_P	0.0039	0.0	02Jan2015, 00:00	0.0
PW9.1	0.0095	10.9	01Jan2015, 06:06	0.5
PW9_9.1	0.1298	111.9	01Jan2015, 06:12	6.9
PW5_9	0.3269	288.3	01Jan2015, 06:15	17.6
RT.PW9	0.3269	287.0	01Jan2015, 06:19	17.6
PW8_I	0.0720	90.4	01Jan2015, 06:16	5.9
PW8_P	0.06108	0.1	01Jan2015, 07:11	0.1
PW8	0.13308	90.4	01Jan2015, 06:16	6.0
PW10.2_I	0.0089	11.5	01Jan2015, 06:15	0.7
PW10.2_P	0.0055	0.0	02Jan2015, 00:00	0.0
PW10.2	0.0144	11.5	01Jan2015, 06:15	0.7
PW10.1_I	0.0037	7.4	01Jan2015, 06:06	0.3
PW10.1_P	0.0021	0.0	02Jan2015, 00:00	0.0
PW10.1	0.0058	7.4	01Jan2015, 06:06	0.3
PW1_12	8.088833	2241.1	01Jan2015, 06:20	378.9
PWP	8.088833	1069.7	01Jan2015, 06:44	377.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	1069.7	01Jan2015, 06:44	377.3
RT.PW10	8.088833	1069.2	01Jan2015, 06:49	377.2
VRW3_I	0.1758	218.9	01Jan2015, 06:16	14.5
VRW3_P	0.1745	4.3	01Jan2015, 06:36	0.9
PW_VRW3	8.439133	1121.8	01Jan2015, 06:42	392.6
VRW3	0.3503	219.9	01Jan2015, 06:16	15.4
RT.VRW3	8.439133	1121.0	01Jan2015, 06:47	392.6
PW15_I	0.2323	292.2	01Jan2015, 06:16	19.2
PW15_P	0.1688	0.1	02Jan2015, 00:00	0.0
PW15	0.4011	292.2	01Jan2015, 06:16	19.2
PW14.1_I	0.1245	155.1	01Jan2015, 06:16	10.3
PW14.1_P	0.0879	2.8	01Jan2015, 06:34	0.5
PW14.1	0.2124	156.0	01Jan2015, 06:16	10.8
PW13_I	0.0313	38.4	01Jan2015, 06:16	2.6
PW13_P	0.0238	0.6	01Jan2015, 06:36	0.1
PW13	0.0551	38.6	01Jan2015, 06:16	2.7
PW14.2_I	0.0149	20.0	01Jan2015, 06:14	1.2
PW14.2_P	0.0095	0.0	01Jan2015, 07:04	0.0
PW14.2	0.0244	20.0	01Jan2015, 06:14	1.2
PW13_14.2	0.0795	58.1	01Jan2015, 06:15	4.0
RT.PW13	0.0795	57.8	01Jan2015, 06:28	4.0
PW13_14.1	0.2919	179.1	01Jan2015, 06:20	14.8
RT.PW14.1	0.2919	179.0	01Jan2015, 06:23	14.8
PW14_I	0.0692	87.9	01Jan2015, 06:15	5.7
PW14_P	0.0499	0.0	02Jan2015, 00:00	0.0
PW14	0.1191	87.9	01Jan2015, 06:15	5.7
PW15.1_I	0.0144	26.0	01Jan2015, 06:08	1.2
PW15.1_P	0.0089	0.0	02Jan2015, 00:00	0.0
PW15.1	0.0233	26.0	01Jan2015, 06:08	1.2
PW14_VRW3	9.274533	1319.3	01Jan2015, 06:38	433.6
RT.PW14	9.274533	1317.1	01Jan2015, 06:40	433.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	155.3	01Jan2015, 06:19	11.4
VR5_P	0.1197	0.2	01Jan2015, 07:16	0.2
VR5	0.2576	155.3	01Jan2015, 06:19	11.6
TVI1_I	0.0500	64.0	01Jan2015, 06:15	4.1
TVI1_P	0.0459	0.0	02Jan2015, 00:00	0.0
TVI1	0.0959	64.0	01Jan2015, 06:15	4.1
TVI1.1_I	0.0487	70.9	01Jan2015, 06:12	4.0
TVI1.1_P	0.0149	0.1	01Jan2015, 06:40	0.0
TVI1.1	0.0636	70.9	01Jan2015, 06:12	4.1
TVI_TOTAL	0.1595	132.8	01Jan2015, 06:13	8.2
RT.TVI	0.1595	132.6	01Jan2015, 06:14	8.2
VR_TVI_PW	9.691633	1420.2	01Jan2015, 06:39	453.2
RT.VR5	9.691633	1418.5	01Jan2015, 06:42	453.2
SEV1_P	0.0904	0.0	02Jan2015, 00:00	0.0
SEV1_I	0.0792	101.0	01Jan2015, 06:15	6.5
SEV1	0.1696	101.0	01Jan2015, 06:15	6.6
VR_TVI_PW_SEV	9.861233	1445.2	01Jan2015, 06:41	459.8
RT.SEV1	9.861233	1444.5	01Jan2015, 06:44	459.8
VRW1_I	0.1758	225.0	01Jan2015, 06:15	14.5
VRW1_P	0.1559	7.7	01Jan2015, 06:28	1.2
VRW1	0.3317	228.6	01Jan2015, 06:15	15.7
PW11_I	0.0825	111.8	01Jan2015, 06:14	6.8
PW11_P	0.0444	14.7	01Jan2015, 06:17	1.1
PW11	0.1269	125.6	01Jan2015, 06:14	7.9
RT.PW11	0.1269	125.2	01Jan2015, 06:19	8.0
RT.PW11A	0.1269	125.1	01Jan2015, 06:20	8.0
PW11_VRW1	0.4586	344.1	01Jan2015, 06:17	23.7
RT.VRW1	0.4586	343.8	01Jan2015, 06:19	23.7
VRW2_I	0.1139	141.4	01Jan2015, 06:16	9.4
VRW2_P	0.0864	1.1	01Jan2015, 06:40	0.3
VRW2	0.2003	141.4	01Jan2015, 06:16	9.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	141.2	01Jan2015, 06:18	9.7
RT.VRW2A	0.6589	483.8	01Jan2015, 06:19	33.4
VR2_I	0.1377	175.6	01Jan2015, 06:15	11.4
VR2_P	0.1126	0.6	01Jan2015, 06:45	0.3
VR2	0.2503	175.6	01Jan2015, 06:15	11.6
VRW1_2_VR2	0.9092	648.4	01Jan2015, 06:18	45.0
RT.VR2	0.9092	648.2	01Jan2015, 06:20	45.0
VR4_I	0.1367	137.8	01Jan2015, 06:22	11.3
VR4_P	0.1165	13.7	01Jan2015, 06:31	1.7
VR4	0.2532	149.3	01Jan2015, 06:23	13.0
VR1_I	0.0497	70.1	01Jan2015, 06:13	4.1
VR1_P	0.0360	4.9	01Jan2015, 06:19	0.5
VR1	0.0857	73.8	01Jan2015, 06:13	4.6
VRW_VR1_4	1.2481	851.0	01Jan2015, 06:20	62.6
VR3_I	0.1746	208.7	01Jan2015, 06:17	14.4
VR3_P	0.1530	3.6	01Jan2015, 06:37	0.8
VR3	0.3276	209.6	01Jan2015, 06:17	15.2
VR6_P	0.1236	31.7	01Jan2015, 06:26	3.1
VR6_I	0.0691	72.8	01Jan2015, 06:21	5.7
VR6	0.1927	102.7	01Jan2015, 06:23	8.8
Las Ventanas Dam	1.7684	64.0	01Jan2015, 07:34	86.6
RT.LVDD	1.7684	64.0	01Jan2015, 07:37	86.6
VR7_I	0.1062	114.7	01Jan2015, 06:20	8.8
VR7_P	0.0886	0.4	01Jan2015, 06:55	0.2
VR7	0.1948	114.7	01Jan2015, 06:20	9.0
Little Window Dam	0.1948	24.1	01Jan2015, 06:57	9.0
LVDD_LWD	1.9632	87.2	01Jan2015, 07:11	95.6
RT.LWD	1.9632	87.2	01Jan2015, 07:12	95.6
SEV2_P	0.0476	0.0	02Jan2015, 00:00	0.0
SEV2_I	0.0076	11.8	01Jan2015, 06:11	0.6
SEV2	0.0552	11.8	01Jan2015, 06:11	0.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	11.879633	1528.9	01Jan2015, 06:44	556.0

Project: DCM #3 Simulation Run: WBCA_DCM3_5YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 5_YR
 Compute Time: 17May2016, 20:54:39 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	10.3	01Jan2015, 06:32	1.9
QR9_I	0.2966	286.3	01Jan2015, 06:16	19.9
QR9	0.6311	290.8	01Jan2015, 06:17	21.8
QR7_P	0.284053	3.6	01Jan2015, 06:41	1.0
QR7_I	0.1862	168.7	01Jan2015, 06:18	12.5
QR7	0.470253	169.1	01Jan2015, 06:18	13.5
QR8_P	0.2071	2.5	01Jan2015, 06:42	0.7
QR8_I	0.1122	98.6	01Jan2015, 06:19	7.5
QR8	0.3193	99.0	01Jan2015, 06:19	8.3
QR7_9	1.420653	556.5	01Jan2015, 06:18	43.6
RT.QR8	1.420653	547.2	01Jan2015, 06:19	43.5
QR4_P	0.2437	3.9	01Jan2015, 06:43	1.0
QR4_I	0.2249	180.3	01Jan2015, 06:22	15.1
QR4	0.4686	181.5	01Jan2015, 06:22	16.1
QR6_I	0.1436	133.3	01Jan2015, 06:18	9.6
QR6_P	0.1370	4.1	01Jan2015, 06:33	0.8
QR6	0.2806	135.2	01Jan2015, 06:18	10.4
QR1_I	0.1372	139.5	01Jan2015, 06:15	9.2
QR1_P	0.1318	0.7	01Jan2015, 06:43	0.3
QR1	0.2690	139.5	01Jan2015, 06:15	9.5
RT.QR1	0.2690	138.9	01Jan2015, 06:17	9.5
QR3_P	0.1003	0.9	01Jan2015, 06:39	0.3
QR3_I	0.0952	97.2	01Jan2015, 06:15	6.4
QR3	0.1955	97.2	01Jan2015, 06:15	6.7
RT.QR3	0.1955	96.9	01Jan2015, 06:18	6.7
QR2_I	0.0325	38.0	01Jan2015, 06:12	2.2
QR2_P	0.0312	0.5	01Jan2015, 06:34	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	38.0	01Jan2015, 06:12	2.3
QR3_6	1.2774	571.3	01Jan2015, 06:18	45.0
QR15_P	0.0668	2.0	01Jan2015, 06:34	0.4
QR15_I	0.0627	56.6	01Jan2015, 06:18	4.2
QR15	0.1295	57.6	01Jan2015, 06:19	4.6
QR3_15	2.827553	1174.9	01Jan2015, 06:19	93.1
RT.QR4	2.827553	1020.3	01Jan2015, 06:25	91.2
QR20_I	0.2242	167.4	01Jan2015, 06:25	15.0
QR20_P	0.0961	2.0	01Jan2015, 06:44	0.5
QR20	0.3203	168.3	01Jan2015, 06:25	15.5
QR3_20	3.147853	1188.6	01Jan2015, 06:25	106.7
RT.QR20	3.147853	1184.6	01Jan2015, 06:29	106.7
QR23_I	0.2380	206.2	01Jan2015, 06:20	16.0
QR23_P	0.2265	0.7	01Jan2015, 07:07	0.4
QR23	0.4645	206.2	01Jan2015, 06:20	16.4
QR24_P	0.2066	0.6	01Jan2015, 07:05	0.4
QR24_I	0.1995	182.6	01Jan2015, 06:18	13.4
QR24	0.4061	182.6	01Jan2015, 06:18	13.8
QR21_I	0.1826	129.0	01Jan2015, 06:27	12.3
QR21_P	0.1435	3.6	01Jan2015, 06:44	0.8
QR21	0.3261	131.0	01Jan2015, 06:27	13.1
RT.QR21	0.3261	131.0	01Jan2015, 06:31	13.1
QR26_I	0.1547	138.2	01Jan2015, 06:19	10.4
QR26_P	0.0797	2.4	01Jan2015, 06:35	0.5
QR26	0.2344	139.4	01Jan2015, 06:19	10.8
QR25_P	0.1312	0.1	02Jan2015, 00:00	0.1
QR25_I	0.1024	114.7	01Jan2015, 06:13	6.9
QR25	0.2336	114.7	01Jan2015, 06:13	6.9
QR27_I	0.0925	81.3	01Jan2015, 06:19	6.2
QR27_P	0.0478	1.4	01Jan2015, 06:35	0.3
QR27	0.1403	82.0	01Jan2015, 06:19	6.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1873.1	01Jan2015, 06:25	174.2
QRP	4.952853	473.2	01Jan2015, 07:03	173.3
QRP_OUT	4.952853	473.2	01Jan2015, 07:03	173.3
RT.QR24	4.952853	473.0	01Jan2015, 07:11	173.4
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	210.0	01Jan2015, 06:15	13.7
PW4	0.4222	210.0	01Jan2015, 06:15	13.7
QR3_25_PW4	5.375053	487.8	01Jan2015, 07:07	187.1
RT.PW4	5.375053	487.6	01Jan2015, 07:16	187.2
PW3_P	0.1919	5.0	01Jan2015, 06:28	0.9
PW3_I	0.1536	180.1	01Jan2015, 06:12	10.3
PW3	0.3455	181.3	01Jan2015, 06:12	11.3
PW2_I	0.0511	63.2	01Jan2015, 06:10	3.4
PW2_P	0.0494	1.7	01Jan2015, 06:23	0.3
PW2	0.1005	63.8	01Jan2015, 06:11	3.7
QR26_PW3	0.4460	244.4	01Jan2015, 06:11	15.0
RT.PW3	0.4460	239.3	01Jan2015, 06:20	15.0
PW7_I	0.2944	302.5	01Jan2015, 06:15	19.8
PW7_P	0.1809	5.8	01Jan2015, 06:30	1.0
PW7	0.4753	304.9	01Jan2015, 06:15	20.8
PW6_I	0.2457	221.6	01Jan2015, 06:18	16.5
PW6_P	0.2093	17.4	01Jan2015, 06:27	2.2
PW6	0.4550	235.3	01Jan2015, 06:19	18.7
PW1_I	0.0684	79.2	01Jan2015, 06:12	4.6
PW1_P	0.0352	1.2	01Jan2015, 06:25	0.2
PW1	0.1036	79.6	01Jan2015, 06:12	4.8
PW3_PW7	1.4799	821.5	01Jan2015, 06:18	59.3
RT.PW7	1.4799	818.5	01Jan2015, 06:21	59.3
PW10_I	0.2594	275.6	01Jan2015, 06:14	17.4
PW10_P	0.1486	0.9	01Jan2015, 06:41	0.4
PW10	0.4080	275.6	01Jan2015, 06:14	17.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	207.0	01Jan2015, 06:15	13.8
PW12_P	0.1395	5.6	01Jan2015, 06:28	0.9
PW12	0.3457	209.7	01Jan2015, 06:16	14.8
PW5_I	0.1171	134.2	01Jan2015, 06:12	7.9
PW5_P	0.0635	0.0	02Jan2015, 00:00	0.0
PW5	0.1806	134.2	01Jan2015, 06:12	7.9
PW5.1_I	0.0097	13.9	01Jan2015, 06:08	0.7
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	13.9	01Jan2015, 06:08	0.7
PW5_5.1	0.1971	145.3	01Jan2015, 06:12	8.5
RT.PW5	0.1971	144.8	01Jan2015, 06:17	8.6
PW9_I	0.0738	82.7	01Jan2015, 06:13	5.0
PW9_P	0.0465	0.5	01Jan2015, 06:37	0.1
PW9	0.1203	82.7	01Jan2015, 06:13	5.1
PW9.1_I	0.0056	8.7	01Jan2015, 06:06	0.4
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	8.7	01Jan2015, 06:06	0.4
PW9_9.1	0.1298	88.1	01Jan2015, 06:12	5.5
PW5_9	0.3269	226.0	01Jan2015, 06:15	14.1
RT.PW9	0.3269	224.9	01Jan2015, 06:20	14.1
PW8_I	0.0720	71.5	01Jan2015, 06:16	4.8
PW8_P	0.06108	0.0	02Jan2015, 00:00	0.0
PW8	0.13308	71.5	01Jan2015, 06:16	4.8
PW10.2_I	0.0089	9.1	01Jan2015, 06:15	0.6
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	9.1	01Jan2015, 06:15	0.6
PW10.1_I	0.0037	5.9	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	5.9	01Jan2015, 06:06	0.2
PW1_12	8.088833	1721.0	01Jan2015, 06:20	298.8
PWP	8.088833	838.1	01Jan2015, 06:42	297.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	838.1	01Jan2015, 06:42	297.3
RT.PW10	8.088833	837.4	01Jan2015, 06:47	297.3
VRW3_I	0.1758	173.2	01Jan2015, 06:16	11.8
VRW3_P	0.1745	0.5	01Jan2015, 07:03	0.3
PW_VRW3	8.439133	878.4	01Jan2015, 06:43	309.4
VRW3	0.3503	173.2	01Jan2015, 06:16	12.1
RT.VRW3	8.439133	877.5	01Jan2015, 06:48	309.4
PW15_I	0.2323	231.2	01Jan2015, 06:16	15.6
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	231.2	01Jan2015, 06:16	15.6
PW14.1_I	0.1245	122.7	01Jan2015, 06:16	8.4
PW14.1_P	0.0879	0.5	01Jan2015, 06:44	0.2
PW14.1	0.2124	122.7	01Jan2015, 06:16	8.6
PW13_I	0.0313	30.4	01Jan2015, 06:16	2.1
PW13_P	0.0238	0.1	01Jan2015, 07:03	0.0
PW13	0.0551	30.4	01Jan2015, 06:16	2.1
PW14.2_I	0.0149	15.8	01Jan2015, 06:14	1.0
PW14.2_P	0.0095	0.0	02Jan2015, 00:00	0.0
PW14.2	0.0244	15.8	01Jan2015, 06:14	1.0
PW13_14.2	0.0795	45.9	01Jan2015, 06:15	3.2
RT.PW13	0.0795	45.7	01Jan2015, 06:29	3.2
PW13_14.1	0.2919	136.3	01Jan2015, 06:19	11.8
RT.PW14.1	0.2919	136.2	01Jan2015, 06:22	11.8
PW14_I	0.0692	69.5	01Jan2015, 06:15	4.6
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	69.5	01Jan2015, 06:15	4.6
PW15.1_I	0.0144	20.6	01Jan2015, 06:08	1.0
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	20.6	01Jan2015, 06:08	1.0
PW14_VRW3	9.274533	1009.2	01Jan2015, 06:42	342.4
RT.PW14	9.274533	1008.0	01Jan2015, 06:44	342.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	122.8	01Jan2015, 06:19	9.3
VR5_P	0.1197	0.0	02Jan2015, 00:00	0.0
VR5	0.2576	122.8	01Jan2015, 06:19	9.3
TVI1_I	0.0500	50.7	01Jan2015, 06:15	3.4
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	50.7	01Jan2015, 06:15	3.4
TVI1.1_I	0.0487	56.1	01Jan2015, 06:12	3.3
TVI1.1_P	0.0149	0.0	02Jan2015, 00:00	0.0
TVI1.1	0.0636	56.1	01Jan2015, 06:12	3.3
TVI_TOTAL	0.1595	105.1	01Jan2015, 06:13	6.6
RT.TVI	0.1595	104.8	01Jan2015, 06:14	6.6
VR_TVI_PW	9.691633	1074.3	01Jan2015, 06:42	358.3
RT.VR5	9.691633	1073.4	01Jan2015, 06:46	358.2
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	79.9	01Jan2015, 06:15	5.3
SEV1	0.1696	79.9	01Jan2015, 06:15	5.3
VR_TVI_PW_SEV	9.861233	1090.2	01Jan2015, 06:45	363.6
RT.SEV1	9.861233	1089.8	01Jan2015, 06:48	363.6
VRW1_I	0.1758	178.0	01Jan2015, 06:15	11.8
VRW1_P	0.1559	2.1	01Jan2015, 06:38	0.6
VRW1	0.3317	178.2	01Jan2015, 06:15	12.4
PW11_I	0.0825	88.5	01Jan2015, 06:14	5.5
PW11_P	0.0444	8.2	01Jan2015, 06:18	0.7
PW11	0.1269	95.8	01Jan2015, 06:14	6.3
RT.PW11	0.1269	95.6	01Jan2015, 06:19	6.3
RT.PW11A	0.1269	95.3	01Jan2015, 06:20	6.3
PW11_VRW1	0.4586	263.7	01Jan2015, 06:18	18.6
RT.VRW1	0.4586	263.5	01Jan2015, 06:19	18.7
VRW2_I	0.1139	111.8	01Jan2015, 06:16	7.6
VRW2_P	0.0864	0.1	01Jan2015, 08:27	0.1
VRW2	0.2003	111.8	01Jan2015, 06:16	7.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	111.7	01Jan2015, 06:18	7.7
RT.VRW2A	0.6589	374.2	01Jan2015, 06:20	26.4
VR2_I	0.1377	138.9	01Jan2015, 06:15	9.2
VR2_P	0.1126	0.1	02Jan2015, 00:00	0.1
VR2	0.2503	138.9	01Jan2015, 06:15	9.3
VRW1_2_VR2	0.9092	503.6	01Jan2015, 06:19	35.7
RT.VR2	0.9092	502.8	01Jan2015, 06:20	35.7
VR4_I	0.1367	108.9	01Jan2015, 06:22	9.2
VR4_P	0.1165	6.1	01Jan2015, 06:34	1.0
VR4	0.2532	113.4	01Jan2015, 06:23	10.2
VR1_I	0.0497	55.5	01Jan2015, 06:13	3.3
VR1_P	0.0360	1.9	01Jan2015, 06:22	0.3
VR1	0.0857	56.6	01Jan2015, 06:13	3.6
VRW_VR1_4	1.2481	657.1	01Jan2015, 06:20	49.5
VR3_I	0.1746	165.1	01Jan2015, 06:17	11.7
VR3_P	0.1530	0.5	01Jan2015, 07:04	0.3
VR3	0.3276	165.1	01Jan2015, 06:17	12.0
VR6_P	0.1236	17.9	01Jan2015, 06:28	2.0
VR6_I	0.0691	57.5	01Jan2015, 06:21	4.6
VR6	0.1927	73.8	01Jan2015, 06:23	6.6
Las Ventanas Dam	1.7684	58.1	01Jan2015, 07:31	68.1
RT.LVDD	1.7684	58.1	01Jan2015, 07:34	68.1
VR7_I	0.1062	90.7	01Jan2015, 06:20	7.1
VR7_P	0.0886	0.0	02Jan2015, 00:00	0.0
VR7	0.1948	90.7	01Jan2015, 06:20	7.2
Little Window Dam	0.1948	20.6	01Jan2015, 06:55	7.2
LVDD_LWD	1.9632	78.0	01Jan2015, 07:08	75.3
RT.LWD	1.9632	78.0	01Jan2015, 07:10	75.3
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	9.4	01Jan2015, 06:11	0.5
SEV2	0.0552	9.4	01Jan2015, 06:11	0.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	11.879633	1166.8	01Jan2015, 06:48	439.5

Project: DCM #3 Simulation Run: WBCA_DCM3_2YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 2_YR
 Compute Time: 17May2016, 20:51:22 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	0.4	01Jan2015, 08:16	0.4
QR9_I	0.2966	185.8	01Jan2015, 06:17	13.8
QR9	0.6311	185.8	01Jan2015, 06:17	14.2
QR7_P	0.284053	0.1	02Jan2015, 00:00	0.1
QR7_I	0.1862	109.4	01Jan2015, 06:18	8.6
QR7	0.470253	109.4	01Jan2015, 06:18	8.8
QR8_P	0.2071	0.1	02Jan2015, 00:00	0.1
QR8_I	0.1122	64.0	01Jan2015, 06:19	5.2
QR8	0.3193	64.0	01Jan2015, 06:19	5.3
QR7_9	1.420653	357.3	01Jan2015, 06:18	28.2
RT.QR8	1.420653	353.3	01Jan2015, 06:19	28.2
QR4_P	0.2437	0.1	02Jan2015, 00:00	0.1
QR4_I	0.2249	116.9	01Jan2015, 06:22	10.4
QR4	0.4686	116.9	01Jan2015, 06:22	10.6
QR6_I	0.1436	86.5	01Jan2015, 06:18	6.7
QR6_P	0.1370	0.1	01Jan2015, 08:17	0.2
QR6	0.2806	86.5	01Jan2015, 06:18	6.8
QR1_I	0.1372	90.5	01Jan2015, 06:15	6.4
QR1_P	0.1318	0.0	02Jan2015, 00:00	0.0
QR1	0.2690	90.5	01Jan2015, 06:15	6.4
RT.QR1	0.2690	90.3	01Jan2015, 06:17	6.4
QR3_P	0.1003	0.0	02Jan2015, 00:00	0.0
QR3_I	0.0952	63.1	01Jan2015, 06:15	4.4
QR3	0.1955	63.1	01Jan2015, 06:15	4.4
RT.QR3	0.1955	62.9	01Jan2015, 06:19	4.4
QR2_I	0.0325	24.7	01Jan2015, 06:12	1.5
QR2_P	0.0312	0.0	02Jan2015, 00:00	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR2	0.0637	24.7	01Jan2015, 06:12	1.5
QR3_6	1.2774	368.8	01Jan2015, 06:18	29.8
QR15_P	0.0668	0.1	01Jan2015, 08:18	0.1
QR15_I	0.0627	36.7	01Jan2015, 06:19	2.9
QR15	0.1295	36.7	01Jan2015, 06:19	3.0
QR3_15	2.827553	758.5	01Jan2015, 06:19	60.9
RT.QR4	2.827553	682.9	01Jan2015, 06:26	60.1
QR20_I	0.2242	108.6	01Jan2015, 06:25	10.4
QR20_P	0.0961	0.1	01Jan2015, 09:09	0.1
QR20	0.3203	108.6	01Jan2015, 06:25	10.5
QR3_20	3.147853	791.3	01Jan2015, 06:26	70.6
RT.QR20	3.147853	789.3	01Jan2015, 06:29	70.5
QR23_I	0.2380	133.8	01Jan2015, 06:20	11.1
QR23_P	0.2265	0.0	02Jan2015, 00:02	0.0
QR23	0.4645	133.8	01Jan2015, 06:20	11.1
QR24_P	0.2066	0.0	02Jan2015, 00:02	0.0
QR24_I	0.1995	118.5	01Jan2015, 06:18	9.3
QR24	0.4061	118.5	01Jan2015, 06:18	9.3
QR21_I	0.1826	83.7	01Jan2015, 06:27	8.5
QR21_P	0.1435	0.2	01Jan2015, 08:35	0.2
QR21	0.3261	83.7	01Jan2015, 06:27	8.6
RT.QR21	0.3261	83.6	01Jan2015, 06:31	8.7
QR26_I	0.1547	89.7	01Jan2015, 06:19	7.2
QR26_P	0.0797	0.1	01Jan2015, 08:18	0.1
QR26	0.2344	89.7	01Jan2015, 06:19	7.3
QR25_P	0.1312	0.0	01Jan2015, 00:00	0.0
QR25_I	0.1024	74.5	01Jan2015, 06:13	4.8
QR25	0.2336	74.5	01Jan2015, 06:13	4.8
QR27_I	0.0925	52.8	01Jan2015, 06:19	4.3
QR27_P	0.0478	0.1	01Jan2015, 08:19	0.1
QR27	0.1403	52.8	01Jan2015, 06:19	4.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR3_24	4.952853	1227.8	01Jan2015, 06:26	115.9
QRP	4.952853	301.2	01Jan2015, 07:03	115.1
QRP_OUT	4.952853	301.2	01Jan2015, 07:03	115.1
RT.QR24	4.952853	301.1	01Jan2015, 07:12	115.2
PW4_P	0.2187	0.0	01Jan2015, 00:00	0.0
PW4_I	0.2035	136.4	01Jan2015, 06:15	9.4
PW4	0.4222	136.4	01Jan2015, 06:15	9.4
QR3_25_PW4	5.375053	311.4	01Jan2015, 07:10	124.6
RT.PW4	5.375053	311.3	01Jan2015, 07:20	124.8
PW3_P	0.1919	0.1	01Jan2015, 09:02	0.2
PW3_I	0.1536	117.0	01Jan2015, 06:12	7.1
PW3	0.3455	117.0	01Jan2015, 06:12	7.3
PW2_I	0.0511	41.1	01Jan2015, 06:11	2.4
PW2_P	0.0494	0.1	01Jan2015, 08:05	0.1
PW2	0.1005	41.1	01Jan2015, 06:11	2.4
QR26_PW3	0.4460	157.7	01Jan2015, 06:11	9.7
RT.PW3	0.4460	155.1	01Jan2015, 06:20	9.7
PW7_I	0.2944	196.4	01Jan2015, 06:15	13.7
PW7_P	0.1809	0.2	01Jan2015, 08:12	0.2
PW7	0.4753	196.4	01Jan2015, 06:15	13.9
PW6_I	0.2457	143.8	01Jan2015, 06:19	11.4
PW6_P	0.2093	2.7	01Jan2015, 06:38	0.8
PW6	0.4550	144.7	01Jan2015, 06:19	12.2
PW1_I	0.0684	51.4	01Jan2015, 06:12	3.2
PW1_P	0.0352	0.0	01Jan2015, 08:07	0.0
PW1	0.1036	51.4	01Jan2015, 06:12	3.2
PW3_PW7	1.4799	521.3	01Jan2015, 06:18	39.0
RT.PW7	1.4799	518.7	01Jan2015, 06:21	39.0
PW10_I	0.2594	179.0	01Jan2015, 06:14	12.0
PW10_P	0.1486	0.0	02Jan2015, 00:00	0.0
PW10	0.4080	179.0	01Jan2015, 06:14	12.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_I	0.2062	134.3	01Jan2015, 06:15	9.6
PW12_P	0.1395	0.3	01Jan2015, 07:08	0.2
PW12	0.3457	134.3	01Jan2015, 06:15	9.8
PW5_I	0.1171	87.1	01Jan2015, 06:12	5.4
PW5_P	0.0635	0.0	01Jan2015, 00:00	0.0
PW5	0.1806	87.1	01Jan2015, 06:12	5.4
PW5.1_I	0.0097	9.0	01Jan2015, 06:08	0.5
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	9.0	01Jan2015, 06:08	0.5
PW5_5.1	0.1971	94.4	01Jan2015, 06:12	5.9
RT.PW5	0.1971	94.0	01Jan2015, 06:18	5.9
PW9_I	0.0738	53.7	01Jan2015, 06:13	3.4
PW9_P	0.0465	0.0	02Jan2015, 00:00	0.0
PW9	0.1203	53.7	01Jan2015, 06:13	3.4
PW9.1_I	0.0056	5.6	01Jan2015, 06:07	0.3
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	5.6	01Jan2015, 06:07	0.3
PW9_9.1	0.1298	57.2	01Jan2015, 06:12	3.7
PW5_9	0.3269	145.0	01Jan2015, 06:16	9.6
RT.PW9	0.3269	144.4	01Jan2015, 06:21	9.7
PW8_I	0.0720	46.4	01Jan2015, 06:16	3.3
PW8_P	0.06108	0.0	01Jan2015, 00:00	0.0
PW8	0.13308	46.4	01Jan2015, 06:16	3.3
PW10.2_I	0.0089	5.9	01Jan2015, 06:15	0.4
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	5.9	01Jan2015, 06:15	0.4
PW10.1_I	0.0037	3.8	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	3.8	01Jan2015, 06:06	0.2
PW1_12	8.088833	1073.5	01Jan2015, 06:21	199.3
PWP	8.088833	475.2	01Jan2015, 06:43	197.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PWP_OUT	8.088833	475.2	01Jan2015, 06:43	197.8
RT.PW10	8.088833	474.8	01Jan2015, 06:49	197.9
VRW3_I	0.1758	112.4	01Jan2015, 06:16	8.2
VRW3_P	0.1745	0.0	02Jan2015, 00:01	0.0
PW_VRW3	8.439133	498.5	01Jan2015, 06:46	206.1
VRW3	0.3503	112.4	01Jan2015, 06:16	8.2
RT.VRW3	8.439133	498.1	01Jan2015, 06:52	206.1
PW15_I	0.2323	150.2	01Jan2015, 06:16	10.8
PW15_P	0.1688	0.0	01Jan2015, 00:00	0.0
PW15	0.4011	150.2	01Jan2015, 06:16	10.8
PW14.1_I	0.1245	79.7	01Jan2015, 06:16	5.8
PW14.1_P	0.0879	0.0	02Jan2015, 00:00	0.0
PW14.1	0.2124	79.7	01Jan2015, 06:16	5.8
PW13_I	0.0313	19.7	01Jan2015, 06:16	1.5
PW13_P	0.0238	0.0	02Jan2015, 00:01	0.0
PW13	0.0551	19.7	01Jan2015, 06:16	1.5
PW14.2_I	0.0149	10.3	01Jan2015, 06:14	0.7
PW14.2_P	0.0095	0.0	01Jan2015, 00:00	0.0
PW14.2	0.0244	10.3	01Jan2015, 06:14	0.7
PW13_14.2	0.0795	29.8	01Jan2015, 06:16	2.1
RT.PW13	0.0795	29.7	01Jan2015, 06:31	2.2
PW13_14.1	0.2919	84.9	01Jan2015, 06:17	8.0
RT.PW14.1	0.2919	84.7	01Jan2015, 06:20	8.0
PW14_I	0.0692	45.1	01Jan2015, 06:15	3.2
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	45.1	01Jan2015, 06:15	3.2
PW15.1_I	0.0144	13.4	01Jan2015, 06:08	0.7
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	13.4	01Jan2015, 06:08	0.7
PW14_VRW3	9.274533	572.4	01Jan2015, 06:46	228.8
RT.PW14	9.274533	571.9	01Jan2015, 06:49	228.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR5_I	0.1379	79.7	01Jan2015, 06:19	6.4
VR5_P	0.1197	0.0	01Jan2015, 00:00	0.0
VR5	0.2576	79.7	01Jan2015, 06:19	6.4
TVI1_I	0.0500	32.9	01Jan2015, 06:15	2.3
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	32.9	01Jan2015, 06:15	2.3
TVI1.1_I	0.0487	36.4	01Jan2015, 06:12	2.3
TVI1.1_P	0.0149	0.0	01Jan2015, 00:00	0.0
TVI1.1	0.0636	36.4	01Jan2015, 06:12	2.3
TVI_TOTAL	0.1595	68.2	01Jan2015, 06:13	4.6
RT.TVI	0.1595	68.1	01Jan2015, 06:15	4.6
VR_TVI_PW	9.691633	607.1	01Jan2015, 06:47	239.7
RT.VR5	9.691633	606.6	01Jan2015, 06:51	239.7
SEV1_P	0.0904	0.0	01Jan2015, 00:00	0.0
SEV1_I	0.0792	51.9	01Jan2015, 06:15	3.7
SEV1	0.1696	51.9	01Jan2015, 06:15	3.7
VR_TVI_PW_SEV	9.861233	615.0	01Jan2015, 06:50	243.4
RT.SEV1	9.861233	614.9	01Jan2015, 06:54	243.5
VRW1_I	0.1758	115.5	01Jan2015, 06:15	8.2
VRW1_P	0.1559	0.1	02Jan2015, 00:00	0.1
VRW1	0.3317	115.5	01Jan2015, 06:15	8.2
PW11_I	0.0825	57.5	01Jan2015, 06:14	3.8
PW11_P	0.0444	2.0	01Jan2015, 06:22	0.3
PW11	0.1269	58.8	01Jan2015, 06:14	4.1
RT.PW11	0.1269	58.7	01Jan2015, 06:20	4.2
RT.PW11A	0.1269	58.6	01Jan2015, 06:21	4.2
PW11_VRW1	0.4586	165.5	01Jan2015, 06:18	12.4
RT.VRW1	0.4586	165.2	01Jan2015, 06:20	12.4
VRW2_I	0.1139	72.6	01Jan2015, 06:16	5.3
VRW2_P	0.0864	0.0	01Jan2015, 00:00	0.0
VRW2	0.2003	72.6	01Jan2015, 06:16	5.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
RT.VRW2	0.2003	72.4	01Jan2015, 06:18	5.3
RT.VRW2A	0.6589	236.7	01Jan2015, 06:20	17.7
VR2_I	0.1377	90.1	01Jan2015, 06:15	6.4
VR2_P	0.1126	0.0	01Jan2015, 00:00	0.0
VR2	0.2503	90.1	01Jan2015, 06:15	6.4
VRW1_2_VR2	0.9092	319.3	01Jan2015, 06:19	24.1
RT.VR2	0.9092	318.9	01Jan2015, 06:21	24.1
VR4_I	0.1367	70.7	01Jan2015, 06:23	6.3
VR4_P	0.1165	0.6	01Jan2015, 06:51	0.3
VR4	0.2532	70.8	01Jan2015, 06:23	6.6
VR1_I	0.0497	36.0	01Jan2015, 06:13	2.3
VR1_P	0.0360	0.1	01Jan2015, 06:42	0.1
VR1	0.0857	36.0	01Jan2015, 06:13	2.4
VRW_VR1_4	1.2481	414.7	01Jan2015, 06:21	33.1
VR3_I	0.1746	107.1	01Jan2015, 06:17	8.1
VR3_P	0.1530	0.0	02Jan2015, 00:02	0.0
VR3	0.3276	107.1	01Jan2015, 06:17	8.1
VR6_P	0.1236	4.7	01Jan2015, 06:32	0.8
VR6_I	0.0691	37.3	01Jan2015, 06:21	3.2
VR6	0.1927	40.8	01Jan2015, 06:22	4.0
Las Ventanas Dam	1.7684	50.5	01Jan2015, 07:22	45.3
RT.LVDD	1.7684	50.5	01Jan2015, 07:25	45.3
VR7_I	0.1062	58.8	01Jan2015, 06:20	4.9
VR7_P	0.0886	0.0	01Jan2015, 00:00	0.0
VR7	0.1948	58.8	01Jan2015, 06:20	4.9
Little Window Dam	0.1948	16.1	01Jan2015, 06:52	4.9
LVDD_LWD	1.9632	66.1	01Jan2015, 07:05	50.2
RT.LWD	1.9632	66.1	01Jan2015, 07:07	50.2
SEV2_P	0.0476	0.0	01Jan2015, 00:00	0.0
SEV2_I	0.0076	6.1	01Jan2015, 06:11	0.4
SEV2	0.0552	6.1	01Jan2015, 06:11	0.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SWINBURNE_INFLOW	11.879633	681.1	01Jan2015, 06:54	294.1

5/27/2016

24-hr

Storm

Developed Conditions Model #4 Analysis Points (AMAFCA White Paper Methodolgy - BHI 2015)										
Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft)
		Unbulked	Bulked					Unbulked	Bulked	
AP1 (QR3_15)						AP6 (PW_VRW3)				
2	1.80%	195	199	60		2	2.20%	582	595	204
10	2.70%	416	427	118		10	4.00%	1,320	1,372	393
100	3.60%	638	661	209		100	5.60%	2,151	2,272	674
AP2 (QR3_20)						AP7 (PW14_VRW3)				
2	1.40%	218	221	71		2	4.20%	616	642	226
10	2.30%	473	484	139		10	6.60%	1,388	1,479	433
100	3.00%	723	744	243		100	8.60%	2,254	2,448	740
AP3 (QR3_24)- QRP						AP8 (VR_TVI_PW)				
2	2.40%	343	351	114		2	4.30%	644	672	237
10	4.10%	760	791	222		10	6.70%	1,445	1,541	452
100	5.50%	1,179	1,244	386		100	8.80%	2,356	2,563	772
AP4 (QR3_25_PW4)						AP9 (VR_TVI_PW_SEV)				
2	4.20%	350	365	124		2	4.30%	648	676	240
10	7.10%	771	826	239		10	6.40%	1,452	1,545	459
100	9.50%	1,193	1,306	413		100	8.10%	2,370	2,562	783
AP5 (PW1_12)						AP10 (SWINBURNE_INFLOW)				
2	3.00%	561	578	196		2	4.70%	712	745	291
10	4.90%	1,270	1,332	377		10	6.90%	1,537	1,643	555
100	6.60%	2,059	2,195	648		100	8.80%	2,472	2,690	947

* Bulking Factors were copied from DCM1, however, actual factors need to be input

* Bulking Factors were updated on 5/26/16, values provided by Tetra Tech in 5/26 e-mail

6-hr storms

24-hr storms

1999 Developed Conditions Analysis Points AHYMO						2015 Developed Conditions Model #4 Analysis Points HEC-HMS (AMAFCA White paper Methodology by BHI 2015)				
Event	BULKING FACTOR	Peak Discharge (cfs)		Runoff Volume (ac- ft.)		Event	BULKING FACTOR*	Peak Discharge (cfs)		Runoff Volume (ac-ft.)
		Unbulked	Bulked					Unbulked	Bulked	
Concentration Point 4						AP2 (QR3_20)				
2	--	540	870	48		2	1.40%	218	221	71
5	--	930	1,680	76		5	2.00%	370	377	108
10	--	1,280	2,300	99		10	2.30%	473	484	139
25	--	1,780	3,380	132		25	2.60%	578	593	179
50	--	2,160	2,380	157		50	2.90%	652	671	210
100	--	2,560	2,820	184		100	3.00%	723	744	243
Concentration Point 2						AP4 (QR3_25_PW4)				
2	--	610	980	66		2	4.20%	350	365	124
5	--	1,070	1,930	106		5	6.00%	600	636	187
10	--	1,480	2,680	139		10	7.10%	771	826	239
25	--	2,110	4,010	185		25	8.20%	949	1,027	306
50	--	2,550	2,800	221		50	8.90%	1,073	1,168	357
100	--	2,990	3,290	258		100	9.50%	1,193	1,306	413
Concentration Point 1						AP5 (PW1_12)				
2	--	870	1,370	120		2	3.00%	561	578	196
5	--	1,530	2,750	192		5	4.10%	973	1,012	296
10	--	2,120	3,820	250		10	4.90%	1,270	1,332	377
25	--	3,130	5,950	334		25	5.60%	1,606	1,696	482
50	--	3,770	4,150	397		50	6.10%	1,836	1,948	562
100	--	4,460	4,910	465		100	6.60%	2,059	2,195	648
Concentration Point L						AP9 (VR_TVI_PW_SEV)				
2	--	910	1,460	142		2	4.30%	648	676	240
5	--	1,610	3,000	227		5	5.60%	1,114	1,176	362
10	--	2,220	4,000	296		10	6.40%	1,452	1,545	459
25	--	3,350	6,370	395		25	7.20%	1,840	1,972	584
50	--	4,070	4,480	472		50	7.70%	2,109	2,272	680
100	--	4,810	5,290	551		100	8.10%	2,370	2,562	783
Concentration Point 0						AP10 (SWINBURNE_INFLOW)				
2	--	970	1,540	188		2	4.70%	712	745	291
5	--	1,680	3,020	295		5	6.10%	1,190	1,262	437
10	--	2,310	4,160	380		10	6.90%	1,537	1,643	555
25	--	3,470	6,590	498		25	7.80%	1,933	2,084	707
50	--	4,200	4,620	587		50	8.30%	2,207	2,390	823
100	--	4,950	5,450	680		100	8.80%	2,472	2,690	947

* Bulking Factors were updated on 11/2/15, values provided by Tetra Tech. Additional bulking factors for 24 hr storm will need to be obtained.

5/27/2016

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	QR9_P	0.3345	214	0	0	29	4	137	11
	QR9_I	0.2966	190	186	14	362	25	600	38
	QR9	0.6311	404	186	14	382	28	724	49
	QR9_Pond	0.6311	404	48	14	89	28	128	49
	QR9_Pond_OUT	0.6311	404	48	14	89	28	128	49
	QR7_P	0.284053	182	0	0	13	2	81	8
	QR7_I	0.1862	119	109	9	213	15	353	24
	QR7	0.470253	301	109	9	220	18	424	32
	QR7_Pond	0.470253	301	30	9	67	17	104	31
	QR7_Pond_OUT	0.470253	301	30	9	67	17	104	31
	QR8_P	0.2071	133	0	0	10	2	58	6
	QR8_I	0.1122	72	64	5	125	9	207	15
	QR8	0.3193	204	64	5	130	11	258	20
	QR8_Pond	0.3193	204	15	5	39	11	63	20
	QR8_Pond_OUT	0.3193	204	15	5	39	11	63	20
	QR7_9	1.420653	909	92	28	195	56	294	100
	RT.QR8	1.420653	909	92	28	195	56	294	100
	QR4_P	0.2437	156	0	0	13	2	69	7
	QR4_I	0.2249	144	117	10	228	19	378	29
	QR4	0.4686	300	117	11	236	21	439	36
	QR4_Pond	0.4686	300	34	10	61	21	89	36
	QR4_Pond_OUT	0.4686	300	34	10	61	21	89	36
	QR6_I	0.1436	92	87	7	169	12	279	19
	QR6_P	0.137	88	0	0	11	2	54	5
	QR6	0.2806	180	87	7	177	13	328	23
	QR6_Pond	0.2806	180	27	7	54	13	79	23
	QR6_Pond_OUT	0.2806	180	27	7	54	13	79	23
	QR1_P	0.1404	90	0	0	4	1	32	3
	QR1_I	0.1286	82	74	6	143	11	238	17
	QR1	0.269	172	74	6	145	11	264	20
	QR1_Pond	0.269	172	16	6	40	11	62	20
	QR1_Pond_OUT	0.269	172	16	6	40	11	62	20
	RT.QR1	0.269	172	16	6	40	11	62	20
	QR3_P	0.1003	64	0	0	4	1	29	3
	QR3_I	0.0952	61	63	4	123	8	203	12
	QR3	0.1955	125	63	4	125	9	228	15
	QR3_Pond	0.1955	125	13	4	31	8	47	15
	QR3_Pond_OUT	0.1955	125	13	4	31	8	47	15
	RT.QR3	0.1955	125	13	4	31	8	47	15
	QR2_I	0.0397	25	29	2	56	3	93	5
	QR2_P	0.024	15	0	0	1	0	8	1
	QR2	0.0637	41	29	2	57	4	100	6
	QR2_Pond	0.0637	41	5	2	13	3	23	6
	QR2_Pond_OUT	0.0637	41	5	2	13	3	23	6
	QR3_6	1.2774	818	95	29	197	57	298	99
	QR15_P	0.0668	43	0	0	6	1	26	2
	QR15_I	0.0627	40	37	3	72	5	119	8
	QR15	0.1295	83	37	3	76	6	142	10
	QR15_Pond	0.1295	83	9	3	24	6	46	10
	QR15_Pond_OUT	0.1295	83	9	3	24	6	46	10

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
AP1	QR3_15	2.827553	1,810	195	60	416	118	638	209
	RT.QR4	2.827553	1,810	195	60	414	118	636	209
	QR20S_I	0.1599	102	71	7	139	13	230	21
	QR20S_P	0.0401	26	0	0	2	0	11	1
	QR20S	0.2	128	71	8	140	14	240	22
	QR20S_Pond	0.2	128	17	7	40	13	59	22
	QR20S_Pond_OUT	0.2	128	17	7	40	13	59	22
	QR20N_I	0.0842	54	38	4	73	7	122	11
	QR20N_P	0.0362	23	0	0	2	0	10	1
	QR20N	0.1204	77	38	4	75	7	131	12
	QR20N_Pond	0.1204	77	8	4	19	7	29	12
	QR20N_Pond_OUT	0.1204	77	8	4	19	7	29	12
AP2	QR3_20	3.147953	2,015	218	71	473	139	723	243
	RT.QR20	3.147953	2,015	218	71	473	139	723	243
	QR24_P	0.2066	132	0	0	5	1	43	4
	QR24_I	0.1995	128	119	9	231	17	383	26
	QR24	0.4061	260	119	9	232	18	417	30
	QR24_Pond	0.4061	260	18	9	40	17	60	30
	QR24_Pond_OUT	0.4061	260	18	9	40	17	60	30
	QR21_I	0.1826	117	84	9	163	15	271	24
	QR21_P	0.1435	92	0	0	10	2	43	5
	QR21	0.3261	209	84	9	171	17	310	28
	QR21_Pond	0.3261	209	20	8	52	16	81	28
	QR21_Pond_OUT	0.3261	209	20	8	52	16	81	28
	RT.QR21	0.3261	209	20	8	52	16	81	28
	QR23S_I	0.1462	94	65	7	127	12	211	19
	QR23S_P	0.1271	81	0	0	2	1	21	3
	QR23S	0.2733	175	65	7	128	13	228	22
	QR23S_Pond	0.2733	175	38	7	73	13	109	22
	QR23S_Pond_OUT	0.2733	175	38	7	73	13	109	22
	QR26_I	0.1547	99	90	7	175	13	289	20
	QR26_P	0.0797	51	0	0	7	1	30	3
	QR26	0.2344	150	90	7	179	14	317	23
	QR26_Pond	0.2344	150	16	7	42	13	69	22
	QR26_Pond_OUT	0.2344	150	16	7	42	13	69	22
	QR25_P	0.1312	84	0	0	1	0	18	2
	QR25_I	0.1024	66	75	5	145	9	240	13
	QR25	0.2336	150	75	5	145	9	251	15
	QR25_Pond	0.2336	150	9	5	21	9	32	15
	QR25_Pond_OUT	0.2336	150	9	5	21	9	32	15
	QR23N_P	0.0993	64	0	0	1	0	14	2
	QR23N_I	0.0919	59	46	4	89	8	148	12
	QR23N	0.1912	122	46	4	89	8	158	14
	QR23N_Pond	0.1912	122	9	4	21	8	31	13
	QR23N_Pond_OUT	0.1912	122	9	4	21	8	31	13
	QR27_I	0.0925	59	53	4	103	8	170	12
	QR27_P	0.0478	31	0	0	4	1	18	2
	QR27	0.1403	90	53	4	106	8	186	14
	QR27_Pond	0.1403	90	22	4	55	8	93	14
	QR27_Pond_OUT	0.1403	90	22	4	55	8	93	14
AP3	QR3_24	4.952953	3,170	343	114	760	222	1,179	386

WBCA - DCM#4 Peak Discharge Summary for all 24-hr Events

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	RT.QR24	4.952953	3,170	342	115	760	223	1,178	386
	PW4N_I	0.1744	112	107	8	208	14	344	23
	PW4N_P	0.166	106	0	0	0	0	5	1
	PW4N	0.3404	218	107	8	208	14	345	24
	PW4N_Pond	0.3404	218	6	8	8	14	11	22
	PW4N_Pond_OUT	0.3404	218	6	8	8	14	11	22
	PW4S_P	0.0514	33	0	0	0	0	3	0
	PW4S_I	0.0303	19	19	1	37	3	61	4
	PW4S	0.0817	52	19	1	37	3	62	4
	PW4S_Pond	0.0817	52	2	1	4	3	4	4
	PW4S_Pond_OUT	0.0817	52	2	1	4	3	4	4
AP4	QR3_25_PW4	5.375053	3,440	350	124	771	239	1,193	413
	RT.PW4	5.375053	3,440	350	124	771	239	1,192	413
	PW7_I	0.2944	188	196	14	382	24	633	38
	PW7_P	0.1809	116	0	0	16	2	79	6
	PW7	0.4753	304	196	14	394	26	704	44
	PW7_Pond	0.4753	304	60	14	113	26	163	44
	PW7_Pond_OUT	0.4753	304	60	14	113	26	163	44
	PW6_I	0.2457	157	144	11	280	20	464	32
	PW6_P	0.2093	134	3	1	36	4	122	9
	PW6	0.455	291	145	12	312	24	581	41
	PW6_Pond	0.455	291	52	12	136	24	214	41
	PW6_Pond_OUT	0.455	291	52	12	136	24	214	41
	PW3_P	0.1919	123	0	0	16	2	87	6
	PW3_I	0.1536	98	117	7	227	13	376	20
	PW3	0.3455	221	117	7	237	15	454	26
	PW3_Pond	0.3455	221	27	7	78	14	166	26
	PW3_Pond_OUT	0.3455	221	27	7	78	14	166	26
	PW2_I	0.0511	33	41	2	80	4	132	7
	PW2_P	0.0494	32	0	0	5	1	26	2
	PW2	0.1005	64	41	2	83	5	156	8
	PW2_Pond	0.1005	64	7	2	22	5	49	8
	PW2_Pond_OUT	0.1005	64	7	2	22	5	49	8
	QR26_PW3	0.446	285	34	10	100	19	215	34
	RT.PW3	0.446	285	34	10	100	19	215	34
	PW1_I	0.0684	44	51	3	100	6	166	9
	PW1_P	0.0352	23	0	0	4	0	17	1
	PW1	0.1036	66	51	3	102	6	181	10
	PW1_Pond	0.1036	66	10	3	28	6	49	10
	PW1_Pond_OUT	0.1036	66	10	3	28	6	49	10
	PW3_PW7	1.4799	947	156	38	376	75	638	129
	RT.PW7	1.4799	947	156	39	376	75	638	129
	PW10_I	0.2594	166	179	12	348	21	577	34
	PW10_P	0.1486	95	0	0	5	1	40	3
	PW10	0.408	261	179	12	350	22	608	37
	PW10_Pond	0.408	261	41	12	67	22	93	37
	PW10_Pond_OUT	0.408	261	41	12	67	22	93	37
	PW12_I	0.2062	132	134	10	262	17	433	27
	PW12_P	0.1395	89	0	0	15	2	65	5
	PW12	0.3457	221	134	10	272	19	493	32
	PW12_Pond	0.3457	221	38	10	96	19	151	31

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW12_Pond_OUT	0.3457	221	38	10	96	19	151	31
	PW5_I	0.1171	75	87	5	170	10	281	15
	PW5_P	0.0635	41	0	0	0	0	9	1
	PW5	0.1806	116	87	5	170	10	286	16
	PW5_Pond	0.1806	116	7	5	18	9	27	16
	PW5_Pond_OUT	0.1806	116	7	5	18	9	27	16
	PW5.1_I	0.0097	6	9	1	18	1	29	1
	PW5.1_P	0.0068	4	0	0	0	0	0	0
	PW5.1	0.0165	11	9	1	18	1	29	1
	PW5.1_Pond	0.0165	11	0	0	0	1	0	1
	PW5.1_Pond_OUT	0.0165	11	0	0	0	1	0	1
	PW5_5.1	0.1971	126	7	5	18	10	28	17
	RT.PW5	0.1971	126	7	5	18	10	28	17
	PW9_I	0.0738	47	54	3	104	6	173	10
	PW9_P	0.0465	30	0	0	2	0	15	1
	PW9	0.1203	77	54	3	105	6	185	11
	PW9_Pond	0.1203	77	9	3	25	6	51	11
	PW9_Pond_OUT	0.1203	77	9	3	25	6	51	11
	PW9.1_I	0.0056	4	6	0	11	1	18	1
	PW9.1_P	0.0039	2	0	0	0	0	0	0
	PW9.1	0.0095	6	6	0	11	1	18	1
	PW9.1_Pond	0.0095	6	0	0	0	0	0	1
	PW9.1_Pond_OUT	0.0095	6	0	0	0	0	0	1
	PW9_9.1	0.1298	83	9	4	25	7	51	11
	PW5_9	0.3269	209	15	9	41	17	77	28
	RT.PW9	0.3269	209	15	9	41	17	77	28
	PW8S1_I	0.0346	22	25	2	48	3	79	5
	PW8S1_P	0.0275	18	0	0	1	0	6	1
	PW8S1	0.0621	40	25	2	48	3	84	5
	PW8S1_Pond	0.0621	40	3	2	9	3	14	5
	PW8S1_Pond_OUT	0.0621	40	3	2	9	3	14	5
	PW8N_P	0.02	13	0	0	0	0	1	0
	PW8N_I	0.0193	12	11	1	22	2	36	3
	PW8N	0.0393	25	11	1	22	2	37	3
	PW8N_Pond	0.0393	25	1	1	1	2	2	3
	PW8N_Pond_OUT	0.0393	25	1	1	1	2	2	3
	PW8S2_I	0.0182	12	12	1	24	2	39	2
	PW8S2_P	0.0135	9	0	0	0	0	1	0
	PW8S2	0.0317	20	12	1	24	2	39	2
	PW8S2_Pond	0.0317	20	1	1	1	1	1	2
	PW8S2_Pond_OUT	0.0317	20	1	1	1	1	1	2
	PW10.2_I	0.0089	6	6	0	12	1	19	1
	PW10.2_P	0.0055	4	0	0	0	0	0	0
	PW10.2	0.0144	9	6	0	12	1	19	1
	PW10.2_Pond	0.0144	9	0	0	0	0	0	0
	PW10.2_Pond_OUT	0.0144	9	0	0	0	0	0	0
	PW10.1_I	0.0037	2	4	0	7	0	12	1
	PW10.1_P	0.0021	1	0	0	0	0	0	0
	PW10.1	0.0058	4	4	0	7	0	12	1
	PW10.1_Pond	0.0058	4	0	0	0	0	0	0
	PW10.1_Pond_OUT	0.0058	4	0	0	0	0	0	0

WBCA - DCM#4 Peak Discharge Summary for all 24-hr Events

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
AP5	PW1_12	8.088853	5,177	561	196	1,270	377	2,059	648
	RT.PW10	8.088853	5,177	561	196	1,269	377	2,057	648
	VRW3N_P	0.1018	65	0	0	1	0	17	2
	VRW3N_I	0.0936	60	59	4	114	8	190	12
	VRW3N	0.1954	125	59	4	115	8	202	14
	VRW3N_Pond	0.1954	125	10	4	28	8	49	14
	VRW3N_Pond_OUT	0.1954	125	10	4	28	8	49	14
	VRW3S_I	0.0822	53	51	4	100	7	165	11
	VRW3S_P	0.0727	47	0	0	4	1	22	2
	VRW3S	0.1549	99	51	4	102	7	184	13
	VRW3S_Pond	0.1549	99	24	4	60	7	120	13
	VRW3S_Pond_OUT	0.1549	99	24	4	60	7	120	13
AP6	PW_VRW3	8.439153	5,401	582	204	1,320	393	2,151	674
	RT.VRW3	8.439153	5,401	582	204	1,318	393	2,150	674
	PW15N_I	0.2036	130	114	10	222	17	367	26
	PW15N_P	0.1351	86	0	0	0	0	5	1
	PW15N	0.3387	217	114	10	222	17	369	27
	PW15N_Pond	0.3387	217	7	9	9	16	12	26
	PW15N_Pond_OUT	0.3387	217	7	9	9	16	12	26
	PW14.1_I	0.1245	80	80	6	155	10	257	16
	PW14.1_P	0.0879	56	0	0	3	1	22	2
	PW14.1	0.2124	136	80	6	156	11	275	18
	PW14.1_Pond	0.2124	136	16	6	29	11	41	18
	PW14.1_Pond_OUT	0.2124	136	16	6	29	11	41	18
	PW13_I	0.0313	20	20	2	38	3	64	4
	PW13_P	0.0238	15	0	0	1	0	5	1
	PW13	0.0551	35	20	2	39	3	68	5
	PW13_Pond	0.0551	35	3	1	9	3	13	5
	PW13_Pond_OUT	0.0551	35	3	1	9	3	13	5
	PW14.2_I	0.0149	10	10	1	20	1	33	2
	PW14.2_P	0.0095	6	0	0	0	0	1	0
	PW14.2	0.0244	16	10	1	20	1	34	2
	PW14.2_Pond	0.0244	16	2	1	2	1	3	2
	PW14.2_Pond_OUT	0.0244	16	2	1	2	1	3	2
	PW13_14.2	0.0795	51	5	2	11	4	16	7
	RT.PW13	0.0795	51	5	2	11	4	16	7
	PW13_14.1	0.2919	187	20	8	39	15	57	25
	RT.PW14.1	0.2919	187	20	8	39	15	57	25
	PW14_I	0.0692	44	45	3	88	6	146	9
	PW14_P	0.0499	32	0	0	0	0	2	0
	PW14	0.1191	76	45	3	88	6	146	9
	PW14_Pond	0.1191	76	5	3	13	6	22	9
	PW14_Pond_OUT	0.1191	76	5	3	13	6	22	9
	PW15S_P	0.0322	21	0	0	0	0	3	0
	PW15S_I	0.0301	19	19	1	38	3	63	4
	PW15S	0.0623	40	19	1	38	3	64	4
	PW15S_Pond	0.0623	40	4	1	9	3	14	4
	PW15S_Pond_OUT	0.0623	40	4	1	9	3	14	4
	PW15.1_I	0.0144	9	13	1	26	1	43	2
	PW15.1_P	0.0089	6	0	0	0	0	0	0
	PW15.1	0.0233	15	13	1	26	1	43	2

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	PW15.1_Pond	0.0233	15	1	1	1	1	2	2
	PW15.1_Pond_OUT	0.0233	15	1	1	1	1	2	2
AP7	PW14_VRW3	9.274453	5,936	616	226	1,388	433	2,254	740
	RT.PW14	9.274453	5,936	616	226	1,387	433	2,253	740
	VR5_I	0.1379	88	80	6	155	11	257	18
	VR5_P	0.1197	77	0	0	0	0	10	1
	VR5	0.2576	165	80	6	155	12	263	19
	VR5_Pond	0.2576	165	34	6	81	12	152	19
	VR5_Pond_OUT	0.2576	165	34	6	81	12	152	19
	TVI1_I	0.05	32	33	2	64	4	106	7
	TVI1_P	0.0459	29	0	0	0	0	2	0
	TVI1	0.0959	61	33	2	64	4	106	7
	TVI1_Pond	0.0959	61	23	2	51	4	88	7
	TVI1_Pond_OUT	0.0959	61	23	2	51	4	88	7
	TVI1.1_I	0.0487	31	36	2	71	4	117	6
	TVI1.1_P	0.0149	10	0	0	0	0	2	0
	TVI1.1	0.0636	41	36	2	71	4	119	7
	TVI1.1_Pond	0.0636	41	5	2	7	4	9	7
	TVI1.1_Pond_OUT	0.0636	41	5	2	7	4	9	7
	TVI_TOTAL	0.1595	102	27	5	57	8	97	13
	RT.TVI	0.1595	102	27	5	57	8	96	13
AP8	VR_TVI_PW	9.691553	6,203	644	237	1,445	452	2,356	772
	RT.VR5	9.691553	6,203	644	237	1,444	452	2,355	772
	SEV1N_P	0.0529	34	0	0	0	0	2	0
	SEV1N_I	0.0499	32	36	2	70	4	116	7
	SEV1N	0.1028	66	36	2	70	4	116	7
	SEV1S_P	0.0375	24	0	0	0	0	1	0
	SEV1S_I	0.0293	19	19	1	37	2	62	4
	SEV1S	0.0668	43	19	1	37	2	62	4
	SEV1S_Pond	0.0668	43	12	1	27	2	49	4
	SEV1S_Pond_OUT	0.0668	43	12	1	27	2	49	4
AP9	VR_TVI_PW_SEV	9.861153	6,311	648	240	1,452	459	2,370	783
	RT.SEV1	9.861153	6,311	648	240	1,452	459	2,370	783
	VRW1_I	0.1758	113	116	8	225	15	373	23
	VRW1_P	0.1559	100	0	0	8	1	50	4
	VRW1	0.3317	212	116	8	229	16	415	27
	VRW1_Pond	0.3317	212	29	8	78	16	159	27
	VRW1_Pond_OUT	0.3317	212	29	8	78	16	159	27
	PW11_I	0.0825	53	58	4	112	7	185	11
	PW11_P	0.0444	28	2	0	15	1	41	3
	PW11	0.1269	81	59	4	126	8	226	13
	PW11_Pond	0.1269	81	48	4	109	8	198	13
	PW11_Pond_OUT	0.1269	81	48	4	109	8	198	13
	RT.PW11	0.1269	81	47	4	108	8	198	13
	RT.PW11A	0.1269	81	47	4	108	8	198	13
	PW11_VRW1	0.4586	294	73	12	177	24	340	40
	RT.VRW1	0.4586	294	73	12	177	24	340	40
	VRW2_I	0.1139	73	73	5	141	9	234	15
	VRW2_P	0.0864	55	0	0	1	0	15	2
	VRW2	0.2003	128	73	5	141	10	245	16
	RT.VRW2	0.2003	128	72	5	141	10	245	16

WBCA - DCM#4 Peak Discharge Summary for all 24-hr Events

DCM#4 RESULTS, 24-hour Event									
Analysis Point (AP)	Hydrologic Element	Drainage Area (mi ²)	Drainage Area (ac)	Peak Discharge (Q ₂) (cfs)	Volume (V ₂) (ac-ft)	Peak Discharge (Q ₁₀) (cfs)	Volume (V ₁₀) (ac-ft)	Peak Discharge (Q ₁₀₀) (cfs)	Volume (V ₁₀₀) (ac-ft)
	RT.VRW2A	0.6589	422	122	18	285	33	542	56
	VR2_I	0.1377	88	90	6	176	11	291	18
	VR2_P	0.1126	72	0	0	1	0	15	2
	VR2	0.2503	160	90	6	176	12	300	20
	VRW1_2_VR2	0.9092	582	182	24	416	45	784	76
	RT.VR2	0.9092	582	182	24	416	45	783	76
	VR4_I	0.1367	87	71	6	138	11	229	18
	VR4_P	0.1165	75	1	0	14	2	51	5
	VR4	0.2532	162	71	7	149	13	277	22
	VR1_I	0.0497	32	36	2	70	4	116	6
	VR1_P	0.036	23	0	0	5	1	20	1
	VR1	0.0857	55	36	2	74	5	135	8
	VRW_VR1_4	1.2481	799	274	33	611	62	1,148	106
	VR3_I	0.1746	112	107	8	209	14	346	23
	VR3_P	0.153	98	0	0	4	1	33	3
	VR3	0.3276	210	107	8	210	15	371	26
	VR6_P	0.1236	79	5	1	32	3	88	7
	VR6_I	0.0691	44	37	3	73	6	121	9
	VR6	0.1927	123	41	4	103	9	207	16
	Las Ventanas Dam	1.7684	1,132	49	45	62	86	72	148
	RT.LVDD	1.7684	1,132	49	45	62	86	72	148
	VR7_I	0.1062	68	59	5	115	9	190	14
	VR7_P	0.0886	57	0	0	0	0	10	1
	VR7	0.1948	125	59	5	115	9	197	15
	Little Window Dam	0.1948	125	16	5	24	9	30	15
	LVDD_LWD	1.9632	1,256	64	50	85	95	101	163
	RT.LWD	1.9632	1,256	64	50	85	95	101	163
	SEV2S_P	0.0279	18	0	0	0	0	1	0
	SEV2S_I	0.0068	4	6	0	11	1	18	1
	SEV2S	0.0347	22	6	0	11	1	19	1
	SEV2N_P	0.0198	13	0	0	0	0	1	0
	SEV2N_I	0.0007	0	1	0	1	0	2	0
	SEV2N	0.0205	13	1	0	1	0	2	0
AP10	SWINBURNE_INFLOW	11.87955	7,603	712	291	1,537	555	2,472	947

Project: DCM #4 Simulation Run: WBCA_DEV_100YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 100_YR
Compute Time: 14Apr2016, 09:30:47 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	136.9	01Jan2015, 06:21	10.9
QR9_I	0.2966	599.8	01Jan2015, 06:16	38.4
QR9	0.6311	724.2	01Jan2015, 06:17	49.4
QR9_Pond	0.6311	127.8	01Jan2015, 06:54	49.1
QR9_Pond_OUT	0.6311	127.8	01Jan2015, 06:54	49.1
QR7_P	0.284053	81.4	01Jan2015, 06:25	7.5
QR7_I	0.1862	353.4	01Jan2015, 06:18	24.1
QR7	0.470253	424.4	01Jan2015, 06:19	31.6
QR7_Pond	0.470253	103.8	01Jan2015, 06:53	31.4
QR7_Pond_OUT	0.470253	103.8	01Jan2015, 06:53	31.4
QR8_P	0.2071	57.8	01Jan2015, 06:26	5.5
QR8_I	0.1122	206.7	01Jan2015, 06:19	14.5
QR8	0.3193	257.5	01Jan2015, 06:21	20.0
QR8_Pond	0.3193	62.6	01Jan2015, 06:55	19.8
QR8_Pond_OUT	0.3193	62.6	01Jan2015, 06:55	19.8
QR7_9	1.420653	294.2	01Jan2015, 06:54	100.4
RT.QR8	1.420653	294.1	01Jan2015, 06:56	100.3
QR4_P	0.2437	69.0	01Jan2015, 06:29	6.9
QR4_I	0.2249	378.1	01Jan2015, 06:22	29.1
QR4	0.4686	439.4	01Jan2015, 06:23	36.1
QR4_Pond	0.4686	88.7	01Jan2015, 07:06	35.9
QR4_Pond_OUT	0.4686	88.7	01Jan2015, 07:06	35.9
QR6_I	0.1436	279.2	01Jan2015, 06:17	18.6
QR6_P	0.1370	54.0	01Jan2015, 06:23	4.5
QR6	0.2806	328.2	01Jan2015, 06:18	23.1
QR6_Pond	0.2806	79.0	01Jan2015, 06:50	23.0
QR6_Pond_OUT	0.2806	79.0	01Jan2015, 06:50	23.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	31.7	01Jan2015, 06:27	3.2
QR1_I	0.1286	237.6	01Jan2015, 06:19	16.7
QR1	0.2690	263.9	01Jan2015, 06:20	19.8
QR1_Pond	0.2690	62.1	01Jan2015, 06:54	19.6
QR1_Pond_OUT	0.2690	62.1	01Jan2015, 06:54	19.6
RT.QR1	0.2690	62.1	01Jan2015, 06:56	19.6
QR3_P	0.1003	28.9	01Jan2015, 06:21	2.5
QR3_I	0.0952	203.4	01Jan2015, 06:15	12.3
QR3	0.1955	227.5	01Jan2015, 06:16	14.8
QR3_Pond	0.1955	47.0	01Jan2015, 06:47	14.7
QR3_Pond_OUT	0.1955	47.0	01Jan2015, 06:47	14.7
RT.QR3	0.1955	47.0	01Jan2015, 06:51	14.7
QR2_I	0.0397	93.0	01Jan2015, 06:13	5.1
QR2_P	0.0240	8.4	01Jan2015, 06:17	0.6
QR2	0.0637	100.2	01Jan2015, 06:13	5.8
QR2_Pond	0.0637	23.4	01Jan2015, 06:39	5.7
QR2_Pond_OUT	0.0637	23.4	01Jan2015, 06:39	5.7
QR3_6	1.2774	298.2	01Jan2015, 06:55	98.8
QR15_P	0.0668	25.6	01Jan2015, 06:24	2.2
QR15_I	0.0627	118.7	01Jan2015, 06:18	8.1
QR15	0.1295	142.0	01Jan2015, 06:19	10.3
QR15_Pond	0.1295	45.9	01Jan2015, 06:47	10.2
QR15_Pond_OUT	0.1295	45.9	01Jan2015, 06:47	10.2
QR3_15	2.827553	637.6	01Jan2015, 06:54	209.4
RT.QR4	2.827553	635.2	01Jan2015, 07:02	209.1
QR20S_I	0.1599	230.1	01Jan2015, 06:28	20.7
QR20S_P	0.0401	10.8	01Jan2015, 06:36	1.2
QR20S	0.2000	239.7	01Jan2015, 06:28	21.9
QR20S_Pond	0.2000	59.2	01Jan2015, 07:11	21.7
QR20S_Pond_OUT	0.2000	59.2	01Jan2015, 07:11	21.7
QR20N_I	0.0842	121.8	01Jan2015, 06:28	10.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	9.8	01Jan2015, 06:36	1.1
QR20N	0.1204	130.6	01Jan2015, 06:28	12.0
QR20N_Pond	0.1204	28.6	01Jan2015, 07:15	11.8
QR20N_Pond_OUT	0.1204	28.6	01Jan2015, 07:15	11.8
QR3_20	3.147953	722.3	01Jan2015, 07:03	242.6
RT.QR20	3.147953	722.2	01Jan2015, 07:06	242.5
QR24_P	0.2066	42.8	01Jan2015, 06:26	4.3
QR24_I	0.1995	382.5	01Jan2015, 06:18	25.8
QR24	0.4061	416.6	01Jan2015, 06:19	30.2
QR24_Pond	0.4061	59.4	01Jan2015, 07:03	29.7
QR24_Pond_OUT	0.4061	59.4	01Jan2015, 07:03	29.7
QR21_I	0.1826	270.7	01Jan2015, 06:27	23.7
QR21_P	0.1435	43.4	01Jan2015, 06:35	4.7
QR21	0.3261	310.4	01Jan2015, 06:28	28.4
QR21_Pond	0.3261	81.2	01Jan2015, 07:09	28.0
QR21_Pond_OUT	0.3261	81.2	01Jan2015, 07:09	28.0
RT.QR21	0.3261	81.2	01Jan2015, 07:13	28.0
QR23S_I	0.1462	210.9	01Jan2015, 06:28	18.9
QR23S_P	0.1271	20.6	01Jan2015, 06:39	2.7
QR23S	0.2733	228.1	01Jan2015, 06:29	21.6
QR23S_Pond	0.2733	109.3	01Jan2015, 06:56	21.5
QR23S_Pond_OUT	0.2733	109.3	01Jan2015, 06:56	21.5
QR26_I	0.1547	289.4	01Jan2015, 06:19	20.0
QR26_P	0.0797	30.3	01Jan2015, 06:24	2.6
QR26	0.2344	316.9	01Jan2015, 06:19	22.7
QR26_Pond	0.2344	69.2	01Jan2015, 06:54	22.3
QR26_Pond_OUT	0.2344	69.2	01Jan2015, 06:54	22.3
QR25_P	0.1312	18.4	01Jan2015, 06:21	1.9
QR25_I	0.1024	239.7	01Jan2015, 06:13	13.3
QR25	0.2336	251.4	01Jan2015, 06:13	15.2
QR25_Pond	0.2336	31.8	01Jan2015, 06:51	14.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	31.8	01Jan2015, 06:51	14.9
QR23N_P	0.0993	13.9	01Jan2015, 06:35	1.7
QR23N_I	0.0919	147.6	01Jan2015, 06:24	11.9
QR23N	0.1912	158.3	01Jan2015, 06:25	13.7
QR23N_Pond	0.1912	31.3	01Jan2015, 07:10	13.4
QR23N_Pond_OUT	0.1912	31.3	01Jan2015, 07:10	13.4
QR27_I	0.0925	170.4	01Jan2015, 06:19	12.0
QR27_P	0.0478	17.9	01Jan2015, 06:25	1.6
QR27	0.1403	186.4	01Jan2015, 06:20	13.6
QR27_Pond	0.1403	93.3	01Jan2015, 06:38	13.5
QR27_Pond_OUT	0.1403	93.3	01Jan2015, 06:38	13.5
QR3_24	4.952953	1178.3	01Jan2015, 07:01	386.0
RT.QR24	4.952953	1177.6	01Jan2015, 07:08	386.0
PW4N_I	0.1744	344.1	01Jan2015, 06:17	22.6
PW4N_P	0.1660	5.4	01Jan2015, 06:39	1.0
PW4N	0.3404	345.0	01Jan2015, 06:17	23.6
PW4N_Pond	0.3404	10.7	01Jan2015, 07:42	22.4
PW4N_Pond_OUT	0.3404	10.7	01Jan2015, 07:42	22.4
PW4S_P	0.0514	2.7	01Jan2015, 06:35	0.4
PW4S_I	0.0303	60.9	01Jan2015, 06:16	3.9
PW4S	0.0817	61.8	01Jan2015, 06:17	4.3
PW4S_Pond	0.0817	4.4	01Jan2015, 07:17	4.3
PW4S_Pond_OUT	0.0817	4.4	01Jan2015, 07:17	4.3
QR3_25_PW4	5.375053	1192.6	01Jan2015, 07:08	412.7
RT.PW4	5.375053	1191.8	01Jan2015, 07:16	412.9
PW7_I	0.2944	632.7	01Jan2015, 06:15	38.1
PW7_P	0.1809	78.9	01Jan2015, 06:19	5.9
PW7	0.4753	704.1	01Jan2015, 06:15	44.1
PW7_Pond	0.4753	162.5	01Jan2015, 06:44	43.9
PW7_Pond_OUT	0.4753	162.5	01Jan2015, 06:44	43.9
PW6_I	0.2457	464.4	01Jan2015, 06:18	31.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	121.9	01Jan2015, 06:22	9.4
PW6	0.4550	580.7	01Jan2015, 06:19	41.2
PW6_Pond	0.4550	213.9	01Jan2015, 06:44	41.0
PW6_Pond_OUT	0.4550	213.9	01Jan2015, 06:44	41.0
PW3_P	0.1919	86.5	01Jan2015, 06:15	5.9
PW3_I	0.1536	376.1	01Jan2015, 06:12	19.9
PW3	0.3455	454.1	01Jan2015, 06:12	25.8
PW3_Pond	0.3455	166.3	01Jan2015, 06:30	25.6
PW3_Pond_OUT	0.3455	166.3	01Jan2015, 06:30	25.6
PW2_I	0.0511	132.2	01Jan2015, 06:10	6.6
PW2_P	0.0494	26.0	01Jan2015, 06:14	1.6
PW2	0.1005	155.9	01Jan2015, 06:11	8.2
PW2_Pond	0.1005	48.5	01Jan2015, 06:30	8.2
PW2_Pond_OUT	0.1005	48.5	01Jan2015, 06:30	8.2
QR26_PW3	0.4460	214.7	01Jan2015, 06:30	33.7
RT.PW3	0.4460	214.5	01Jan2015, 06:39	33.8
PW1_I	0.0684	165.5	01Jan2015, 06:12	8.9
PW1_P	0.0352	17.3	01Jan2015, 06:16	1.2
PW1	0.1036	181.0	01Jan2015, 06:12	10.0
PW1_Pond	0.1036	48.7	01Jan2015, 06:35	9.9
PW1_Pond_OUT	0.1036	48.7	01Jan2015, 06:35	9.9
PW3_PW7	1.4799	638.0	01Jan2015, 06:41	128.6
RT.PW7	1.4799	637.8	01Jan2015, 06:44	128.7
PW10_I	0.2594	576.5	01Jan2015, 06:14	33.6
PW10_P	0.1486	39.6	01Jan2015, 06:20	3.4
PW10	0.4080	608.3	01Jan2015, 06:14	37.0
PW10_Pond	0.4080	92.8	01Jan2015, 06:49	36.8
PW10_Pond_OUT	0.4080	92.8	01Jan2015, 06:49	36.8
PW12_I	0.2062	433.4	01Jan2015, 06:15	26.7
PW12_P	0.1395	65.1	01Jan2015, 06:20	4.9
PW12	0.3457	492.9	01Jan2015, 06:16	31.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	151.0	01Jan2015, 06:41	31.4
PW12_Pond_OUT	0.3457	151.0	01Jan2015, 06:41	31.4
PW5_I	0.1171	280.6	01Jan2015, 06:12	15.2
PW5_P	0.0635	9.1	01Jan2015, 06:20	0.9
PW5	0.1806	285.9	01Jan2015, 06:12	16.1
PW5_Pond	0.1806	27.1	01Jan2015, 06:53	15.6
PW5_Pond_OUT	0.1806	27.1	01Jan2015, 06:53	15.6
PW5.1_I	0.0097	29.0	01Jan2015, 06:08	1.3
PW5.1_P	0.0068	0.3	01Jan2015, 06:30	0.0
PW5.1	0.0165	29.0	01Jan2015, 06:08	1.3
PW5.1_Pond	0.0165	0.4	01Jan2015, 07:48	1.2
PW5.1_Pond_OUT	0.0165	0.4	01Jan2015, 07:48	1.2
PW5_5.1	0.1971	27.6	01Jan2015, 06:55	16.8
RT.PW5	0.1971	27.6	01Jan2015, 07:03	16.8
PW9_I	0.0738	172.8	01Jan2015, 06:13	9.6
PW9_P	0.0465	14.6	01Jan2015, 06:18	1.1
PW9	0.1203	185.0	01Jan2015, 06:13	10.7
PW9_Pond	0.1203	50.7	01Jan2015, 06:37	10.6
PW9_Pond_OUT	0.1203	50.7	01Jan2015, 06:37	10.6
PW9.1_I	0.0056	18.1	01Jan2015, 06:06	0.7
PW9.1_P	0.0039	0.3	01Jan2015, 06:19	0.0
PW9.1	0.0095	18.1	01Jan2015, 06:06	0.8
PW9.1_Pond	0.0095	0.4	01Jan2015, 07:18	0.7
PW9.1_Pond_OUT	0.0095	0.4	01Jan2015, 07:18	0.7
PW9_9.1	0.1298	51.0	01Jan2015, 06:37	11.3
PW5_9	0.3269	76.8	01Jan2015, 06:41	28.1
RT.PW9	0.3269	76.8	01Jan2015, 06:47	28.1
PW8S1_I	0.0346	79.4	01Jan2015, 06:13	4.5
PW8S1_P	0.0275	5.9	01Jan2015, 06:20	0.5
PW8S1	0.0621	83.6	01Jan2015, 06:13	5.0
PW8S1_Pond	0.0621	13.8	01Jan2015, 06:46	4.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	13.8	01Jan2015, 06:46	4.9
PW8N_P	0.02	0.8	01Jan2015, 06:38	0.1
PW8N_I	0.0193	36.4	01Jan2015, 06:18	2.5
PW8N	0.0393	36.6	01Jan2015, 06:18	2.6
PW8N_Pond	0.0393	1.7	01Jan2015, 07:31	2.6
PW8N_Pond_OUT	0.0393	1.7	01Jan2015, 07:31	2.6
PW8S2_I	0.0182	39.0	01Jan2015, 06:15	2.4
PW8S2_P	0.0135	0.5	01Jan2015, 06:36	0.1
PW8S2	0.0317	39.1	01Jan2015, 06:15	2.4
PW8S2_Pond	0.0317	1.2	01Jan2015, 07:32	2.3
PW8S2_Pond_OUT	0.0317	1.2	01Jan2015, 07:32	2.3
PW10.2_I	0.0089	19.0	01Jan2015, 06:15	1.2
PW10.2_P	0.0055	0.2	01Jan2015, 06:35	0.0
PW10.2	0.0144	19.1	01Jan2015, 06:15	1.2
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	12.2	01Jan2015, 06:06	0.5
PW10.1_P	0.0021	0.1	01Jan2015, 06:29	0.0
PW10.1	0.0058	12.2	01Jan2015, 06:06	0.5
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	2058.0	01Jan2015, 07:03	647.6
RT.PW10	8.088853	2056.4	01Jan2015, 07:08	647.5
VRW3N_P	0.1018	17.1	01Jan2015, 06:25	1.8
VRW3N_I	0.0936	189.5	01Jan2015, 06:16	12.1
VRW3N	0.1954	202.1	01Jan2015, 06:17	13.9
VRW3N_Pond	0.1954	49.0	01Jan2015, 06:47	13.7
VRW3N_Pond_OUT	0.1954	49.0	01Jan2015, 06:47	13.7
VRW3S_I	0.0822	165.1	01Jan2015, 06:16	10.7
VRW3S_P	0.0727	22.0	01Jan2015, 06:23	1.9
VRW3S	0.1549	184.2	01Jan2015, 06:17	12.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	120.4	01Jan2015, 06:29	12.5
VRW3S_Pond_OUT	0.1549	120.4	01Jan2015, 06:29	12.5
PW_VRW3	8.439153	2150.2	01Jan2015, 07:06	673.8
RT.VRW3	8.439153	2148.7	01Jan2015, 07:11	673.7
PW15N_I	0.2036	367.4	01Jan2015, 06:20	26.4
PW15N_P	0.1351	5.3	01Jan2015, 06:40	1.0
PW15N	0.3387	369.0	01Jan2015, 06:20	27.3
PW15N_Pond	0.3387	11.6	01Jan2015, 07:52	26.1
PW15N_Pond_OUT	0.3387	11.6	01Jan2015, 07:52	26.1
PW14.1_I	0.1245	256.8	01Jan2015, 06:16	16.1
PW14.1_P	0.0879	21.9	01Jan2015, 06:23	2.0
PW14.1	0.2124	274.6	01Jan2015, 06:16	18.1
PW14.1_Pond	0.2124	40.7	01Jan2015, 06:55	18.0
PW14.1_Pond_OUT	0.2124	40.7	01Jan2015, 06:55	18.0
PW13_I	0.0313	63.7	01Jan2015, 06:16	4.1
PW13_P	0.0238	5.2	01Jan2015, 06:24	0.5
PW13	0.0551	67.7	01Jan2015, 06:17	4.6
PW13_Pond	0.0551	13.3	01Jan2015, 06:51	4.5
PW13_Pond_OUT	0.0551	13.3	01Jan2015, 06:51	4.5
PW14.2_I	0.0149	33.0	01Jan2015, 06:14	1.9
PW14.2_P	0.0095	1.1	01Jan2015, 06:24	0.1
PW14.2	0.0244	33.7	01Jan2015, 06:14	2.1
PW14.2_Pond	0.0244	3.0	01Jan2015, 07:02	2.0
PW14.2_Pond_OUT	0.0244	3.0	01Jan2015, 07:02	2.0
PW13_14.2	0.0795	16.3	01Jan2015, 06:51	6.5
RT.PW13	0.0795	16.3	01Jan2015, 07:10	6.6
PW13_14.1	0.2919	56.7	01Jan2015, 07:03	24.6
RT.PW14.1	0.2919	56.7	01Jan2015, 07:06	24.6
PW14_I	0.0692	145.6	01Jan2015, 06:15	9.0
PW14_P	0.0499	1.7	01Jan2015, 06:37	0.3
PW14	0.1191	145.8	01Jan2015, 06:15	9.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	22.3	01Jan2015, 06:52	9.0
PW14_Pond_OUT	0.1191	22.3	01Jan2015, 06:52	9.0
PW15S_P	0.0322	2.5	01Jan2015, 06:29	0.3
PW15S_I	0.0301	62.5	01Jan2015, 06:16	3.9
PW15S	0.0623	63.8	01Jan2015, 06:16	4.2
PW15S_Pond	0.0623	13.5	01Jan2015, 06:48	4.2
PW15S_Pond_OUT	0.0623	13.5	01Jan2015, 06:48	4.2
PW15.1_I	0.0144	43.0	01Jan2015, 06:08	1.9
PW15.1_P	0.0089	0.4	01Jan2015, 06:23	0.1
PW15.1	0.0233	43.0	01Jan2015, 06:08	1.9
PW15.1_Pond	0.0233	1.5	01Jan2015, 07:08	1.9
PW15.1_Pond_OUT	0.0233	1.5	01Jan2015, 07:08	1.9
PW14_VRW3	9.274453	2253.0	01Jan2015, 07:11	739.6
RT.PW14	9.274453	2252.1	01Jan2015, 07:12	739.4
VR5_I	0.1379	257.2	01Jan2015, 06:19	17.9
VR5_P	0.1197	10.4	01Jan2015, 06:32	1.4
VR5	0.2576	263.3	01Jan2015, 06:19	19.3
VR5_Pond	0.2576	151.9	01Jan2015, 06:35	19.2
VR5_Pond_OUT	0.2576	151.9	01Jan2015, 06:35	19.2
TVI1_I	0.0500	106.0	01Jan2015, 06:15	6.5
TVI1_P	0.0459	1.6	01Jan2015, 06:37	0.3
TVI1	0.0959	106.2	01Jan2015, 06:15	6.8
TVI1_Pond	0.0959	88.2	01Jan2015, 06:22	6.7
TVI1_Pond_OUT	0.0959	88.2	01Jan2015, 06:22	6.7
TVI1.1_I	0.0487	117.3	01Jan2015, 06:12	6.3
TVI1.1_P	0.0149	2.1	01Jan2015, 06:20	0.2
TVI1.1	0.0636	118.6	01Jan2015, 06:12	6.5
TVI1.1_Pond	0.0636	9.3	01Jan2015, 06:57	6.5
TVI1.1_Pond_OUT	0.0636	9.3	01Jan2015, 06:57	6.5
TVI_TOTAL	0.1595	96.4	01Jan2015, 06:22	13.2
RT.TVI	0.1595	96.4	01Jan2015, 06:23	13.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	2354.7	01Jan2015, 07:10	771.8
RT.VR5	9.691553	2354.0	01Jan2015, 07:13	771.8
SEV1N_P	0.0529	1.9	01Jan2015, 06:34	0.3
SEV1N_I	0.0499	115.9	01Jan2015, 06:13	6.5
SEV1N	0.1028	116.1	01Jan2015, 06:13	6.8
SEV1S_P	0.0375	1.3	01Jan2015, 06:37	0.2
SEV1S_I	0.0293	61.9	01Jan2015, 06:15	3.8
SEV1S	0.0668	62.1	01Jan2015, 06:15	4.0
SEV1S_Pond	0.0668	49.1	01Jan2015, 06:23	4.0
SEV1S_Pond_OUT	0.0668	49.1	01Jan2015, 06:23	4.0
VR_TVI_PW_SEV	9.861153	2369.3	01Jan2015, 07:12	782.6
RT.SEV1	9.861153	2369.1	01Jan2015, 07:14	782.6
VRW1_I	0.1758	372.5	01Jan2015, 06:15	22.8
VRW1_P	0.1559	49.7	01Jan2015, 06:21	4.1
VRW1	0.3317	414.8	01Jan2015, 06:16	26.9
VRW1_Pond	0.3317	159.3	01Jan2015, 06:37	26.7
VRW1_Pond_OUT	0.3317	159.3	01Jan2015, 06:37	26.7
PW11_I	0.0825	185.0	01Jan2015, 06:14	10.7
PW11_P	0.0444	41.4	01Jan2015, 06:16	2.5
PW11	0.1269	225.5	01Jan2015, 06:14	13.2
PW11_Pond	0.1269	198.3	01Jan2015, 06:19	13.2
PW11_Pond_OUT	0.1269	198.3	01Jan2015, 06:19	13.2
RT.PW11	0.1269	197.9	01Jan2015, 06:23	13.3
RT.PW11A	0.1269	197.6	01Jan2015, 06:24	13.3
PW11_VRW1	0.4586	339.9	01Jan2015, 06:26	39.9
RT.VRW1	0.4586	339.6	01Jan2015, 06:27	40.0
VRW2_I	0.1139	234.1	01Jan2015, 06:16	14.8
VRW2_P	0.0864	14.7	01Jan2015, 06:24	1.5
VRW2	0.2003	244.7	01Jan2015, 06:16	16.3
RT.VRW2	0.2003	244.5	01Jan2015, 06:18	16.3
RT.VRW2A	0.6589	542.1	01Jan2015, 06:24	56.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	290.7	01Jan2015, 06:15	17.8
VR2_P	0.1126	14.7	01Jan2015, 06:25	1.6
VR2	0.2503	299.8	01Jan2015, 06:15	19.5
VRW1_2_VR2	0.9092	783.5	01Jan2015, 06:22	75.7
RT.VR2	0.9092	783.4	01Jan2015, 06:23	75.7
VR4_I	0.1367	228.5	01Jan2015, 06:22	17.7
VR4_P	0.1165	51.1	01Jan2015, 06:28	4.6
VR4	0.2532	276.5	01Jan2015, 06:23	22.3
VR1_I	0.0497	115.9	01Jan2015, 06:13	6.4
VR1_P	0.0360	20.4	01Jan2015, 06:16	1.3
VR1	0.0857	134.9	01Jan2015, 06:13	7.8
VRW_VR1_4	1.2481	1148.3	01Jan2015, 06:22	105.9
VR3_I	0.1746	345.7	01Jan2015, 06:17	22.6
VR3_P	0.1530	32.6	01Jan2015, 06:25	3.2
VR3	0.3276	371.3	01Jan2015, 06:17	25.8
VR6_P	0.1236	88.2	01Jan2015, 06:24	7.0
VR6_I	0.0691	120.6	01Jan2015, 06:21	9.0
VR6	0.1927	207.0	01Jan2015, 06:22	15.9
Las Ventanas Dam	1.7684	71.7	01Jan2015, 08:31	147.6
RT.LVDD	1.7684	71.7	01Jan2015, 08:35	147.6
VR7_I	0.1062	190.0	01Jan2015, 06:20	13.8
VR7_P	0.0886	10.2	01Jan2015, 06:32	1.3
VR7	0.1948	196.9	01Jan2015, 06:20	15.0
Little Window Dam	0.1948	30.3	01Jan2015, 07:06	15.0
LVDD_LWD	1.9632	101.0	01Jan2015, 07:26	162.6
RT.LWD	1.9632	101.0	01Jan2015, 07:28	162.6
SEV2S_P	0.0279	1.1	01Jan2015, 06:32	0.2
SEV2S_I	0.0068	18.4	01Jan2015, 06:09	0.9
SEV2S	0.0347	18.5	01Jan2015, 06:10	1.1
SEV2N_P	0.0198	0.7	01Jan2015, 06:32	0.1
SEV2N_I	0.0007	1.8	01Jan2015, 06:10	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	1.8	01Jan2015, 06:11	0.2
SWINBURNE_INFLOW	11.879553	2471.0	01Jan2015, 07:14	946.5

Project: DCM #4 Simulation Run: WBCA_DEV_50YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 50_YR
 Compute Time: 14Apr2016, 11:18:56 Control Specifications:WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	96.5	01Jan2015, 06:22	8.4
QR9_I	0.2966	525.7	01Jan2015, 06:16	34.2
QR9	0.6311	610.6	01Jan2015, 06:17	42.6
QR9_Pond	0.6311	116.7	01Jan2015, 06:52	42.3
QR9_Pond_OUT	0.6311	116.7	01Jan2015, 06:52	42.3
QR7_P	0.284053	54.8	01Jan2015, 06:26	5.6
QR7_I	0.1862	309.7	01Jan2015, 06:18	21.5
QR7	0.470253	355.1	01Jan2015, 06:19	27.1
QR7_Pond	0.470253	93.3	01Jan2015, 06:51	26.9
QR7_Pond_OUT	0.470253	93.3	01Jan2015, 06:51	26.9
QR8_P	0.2071	38.9	01Jan2015, 06:27	4.1
QR8_I	0.1122	181.2	01Jan2015, 06:19	12.9
QR8	0.3193	213.6	01Jan2015, 06:20	17.0
QR8_Pond	0.3193	55.7	01Jan2015, 06:54	16.9
QR8_Pond_OUT	0.3193	55.7	01Jan2015, 06:54	16.9
QR7_9	1.420653	265.7	01Jan2015, 06:52	86.1
RT.QR8	1.420653	265.7	01Jan2015, 06:54	86.1
QR4_P	0.2437	47.5	01Jan2015, 06:31	5.2
QR4_I	0.2249	331.3	01Jan2015, 06:22	25.9
QR4	0.4686	371.9	01Jan2015, 06:23	31.2
QR4_Pond	0.4686	80.7	01Jan2015, 07:04	31.0
QR4_Pond_OUT	0.4686	80.7	01Jan2015, 07:04	31.0
QR6_I	0.1436	244.7	01Jan2015, 06:17	16.6
QR6_P	0.1370	38.1	01Jan2015, 06:24	3.5
QR6	0.2806	278.3	01Jan2015, 06:18	20.0
QR6_Pond	0.2806	71.7	01Jan2015, 06:49	19.9
QR6_Pond_OUT	0.2806	71.7	01Jan2015, 06:49	19.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	20.5	01Jan2015, 06:28	2.3
QR1_I	0.1286	208.3	01Jan2015, 06:19	14.8
QR1	0.2690	224.0	01Jan2015, 06:20	17.2
QR1_Pond	0.2690	55.8	01Jan2015, 06:53	17.0
QR1_Pond_OUT	0.2690	55.8	01Jan2015, 06:53	17.0
RT.QR1	0.2690	55.7	01Jan2015, 06:55	17.0
QR3_P	0.1003	19.0	01Jan2015, 06:22	1.8
QR3_I	0.0952	178.3	01Jan2015, 06:15	11.0
QR3	0.1955	192.9	01Jan2015, 06:15	12.8
QR3_Pond	0.1955	42.4	01Jan2015, 06:46	12.7
QR3_Pond_OUT	0.1955	42.4	01Jan2015, 06:46	12.7
RT.QR3	0.1955	42.4	01Jan2015, 06:50	12.7
QR2_I	0.0397	81.5	01Jan2015, 06:13	4.6
QR2_P	0.0240	5.6	01Jan2015, 06:18	0.5
QR2	0.0637	86.0	01Jan2015, 06:13	5.1
QR2_Pond	0.0637	20.9	01Jan2015, 06:39	5.0
QR2_Pond_OUT	0.0637	20.9	01Jan2015, 06:39	5.0
QR3_6	1.2774	269.7	01Jan2015, 06:53	85.5
QR15_P	0.0668	18.1	01Jan2015, 06:25	1.7
QR15_I	0.0627	104.0	01Jan2015, 06:18	7.2
QR15	0.1295	120.0	01Jan2015, 06:19	8.9
QR15_Pond	0.1295	40.5	01Jan2015, 06:46	8.8
QR15_Pond_OUT	0.1295	40.5	01Jan2015, 06:46	8.8
QR3_15	2.827553	575.3	01Jan2015, 06:53	180.4
RT.QR4	2.827553	573.0	01Jan2015, 07:00	180.1
QR20S_I	0.1599	201.6	01Jan2015, 06:28	18.4
QR20S_P	0.0401	7.6	01Jan2015, 06:38	0.9
QR20S	0.2000	208.1	01Jan2015, 06:28	19.4
QR20S_Pond	0.2000	54.0	01Jan2015, 07:10	19.1
QR20S_Pond_OUT	0.2000	54.0	01Jan2015, 07:10	19.1
QR20N_I	0.0842	106.7	01Jan2015, 06:28	9.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	6.9	01Jan2015, 06:37	0.8
QR20N	0.1204	112.7	01Jan2015, 06:28	10.5
QR20N_Pond	0.1204	26.0	01Jan2015, 07:13	10.4
QR20N_Pond_OUT	0.1204	26.0	01Jan2015, 07:13	10.4
QR3_20	3.147953	652.2	01Jan2015, 07:02	209.5
RT.QR20	3.147953	652.2	01Jan2015, 07:05	209.5
QR24_P	0.2066	27.0	01Jan2015, 06:27	3.1
QR24_I	0.1995	335.3	01Jan2015, 06:18	23.0
QR24	0.4061	354.7	01Jan2015, 06:18	26.1
QR24_Pond	0.4061	53.8	01Jan2015, 07:01	25.6
QR24_Pond_OUT	0.4061	53.8	01Jan2015, 07:01	25.6
QR21_I	0.1826	237.2	01Jan2015, 06:27	21.0
QR21_P	0.1435	30.9	01Jan2015, 06:35	3.6
QR21	0.3261	264.7	01Jan2015, 06:28	24.7
QR21_Pond	0.3261	73.1	01Jan2015, 07:08	24.3
QR21_Pond_OUT	0.3261	73.1	01Jan2015, 07:08	24.3
RT.QR21	0.3261	73.1	01Jan2015, 07:11	24.3
QR23S_I	0.1462	184.8	01Jan2015, 06:28	16.8
QR23S_P	0.1271	13.3	01Jan2015, 06:41	1.9
QR23S	0.2733	195.1	01Jan2015, 06:29	18.8
QR23S_Pond	0.2733	98.6	01Jan2015, 06:54	18.7
QR23S_Pond_OUT	0.2733	98.6	01Jan2015, 06:54	18.7
QR26_I	0.1547	253.7	01Jan2015, 06:19	17.8
QR26_P	0.0797	21.4	01Jan2015, 06:25	2.0
QR26	0.2344	272.6	01Jan2015, 06:19	19.8
QR26_Pond	0.2344	62.4	01Jan2015, 06:53	19.5
QR26_Pond_OUT	0.2344	62.4	01Jan2015, 06:53	19.5
QR25_P	0.1312	10.2	01Jan2015, 06:24	1.3
QR25_I	0.1024	210.1	01Jan2015, 06:13	11.8
QR25	0.2336	214.9	01Jan2015, 06:13	13.1
QR25_Pond	0.2336	28.7	01Jan2015, 06:50	12.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	28.7	01Jan2015, 06:50	12.8
QR23N_P	0.0993	8.5	01Jan2015, 06:37	1.2
QR23N_I	0.0919	129.4	01Jan2015, 06:24	10.6
QR23N	0.1912	135.2	01Jan2015, 06:24	11.8
QR23N_Pond	0.1912	28.2	01Jan2015, 07:08	11.6
QR23N_Pond_OUT	0.1912	28.2	01Jan2015, 07:08	11.6
QR27_I	0.0925	149.4	01Jan2015, 06:19	10.7
QR27_P	0.0478	12.6	01Jan2015, 06:26	1.2
QR27	0.1403	160.3	01Jan2015, 06:20	11.9
QR27_Pond	0.1403	83.5	01Jan2015, 06:38	11.8
QR27_Pond_OUT	0.1403	83.5	01Jan2015, 06:38	11.8
QR3_24	4.952953	1059.2	01Jan2015, 06:58	334.0
RT.QR24	4.952953	1058.6	01Jan2015, 07:06	334.1
PW4N_I	0.1744	301.6	01Jan2015, 06:17	20.1
PW4N_P	0.1660	1.8	01Jan2015, 06:45	0.6
PW4N	0.3404	301.6	01Jan2015, 06:17	20.7
PW4N_Pond	0.3404	10.1	01Jan2015, 07:38	19.6
PW4N_Pond_OUT	0.3404	10.1	01Jan2015, 07:38	19.6
PW4S_P	0.0514	1.2	01Jan2015, 06:39	0.3
PW4S_I	0.0303	53.4	01Jan2015, 06:16	3.5
PW4S	0.0817	53.5	01Jan2015, 06:17	3.7
PW4S_Pond	0.0817	4.2	01Jan2015, 07:14	3.7
PW4S_Pond_OUT	0.0817	4.2	01Jan2015, 07:14	3.7
QR3_25_PW4	5.375053	1072.7	01Jan2015, 07:06	357.4
RT.PW4	5.375053	1072.0	01Jan2015, 07:14	357.6
PW7_I	0.2944	554.7	01Jan2015, 06:15	33.9
PW7_P	0.1809	55.5	01Jan2015, 06:20	4.6
PW7	0.4753	603.2	01Jan2015, 06:15	38.5
PW7_Pond	0.4753	148.3	01Jan2015, 06:43	38.3
PW7_Pond_OUT	0.4753	148.3	01Jan2015, 06:43	38.3
PW6_I	0.2457	407.1	01Jan2015, 06:18	28.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	91.6	01Jan2015, 06:23	7.5
PW6	0.4550	493.3	01Jan2015, 06:19	35.8
PW6_Pond	0.4550	191.6	01Jan2015, 06:43	35.6
PW6_Pond_OUT	0.4550	191.6	01Jan2015, 06:43	35.6
PW3_P	0.1919	59.6	01Jan2015, 06:16	4.5
PW3_I	0.1536	329.8	01Jan2015, 06:12	17.7
PW3	0.3455	381.1	01Jan2015, 06:12	22.2
PW3_Pond	0.3455	140.1	01Jan2015, 06:30	22.0
PW3_Pond_OUT	0.3455	140.1	01Jan2015, 06:30	22.0
PW2_I	0.0511	115.9	01Jan2015, 06:10	5.9
PW2_P	0.0494	18.2	01Jan2015, 06:14	1.2
PW2	0.1005	131.9	01Jan2015, 06:11	7.1
PW2_Pond	0.1005	39.6	01Jan2015, 06:31	7.1
PW2_Pond_OUT	0.1005	39.6	01Jan2015, 06:31	7.1
QR26_PW3	0.4460	179.7	01Jan2015, 06:30	29.1
RT.PW3	0.4460	179.4	01Jan2015, 06:39	29.1
PW1_I	0.0684	145.1	01Jan2015, 06:12	7.9
PW1_P	0.0352	12.1	01Jan2015, 06:16	0.9
PW1	0.1036	155.5	01Jan2015, 06:12	8.8
PW1_Pond	0.1036	43.6	01Jan2015, 06:34	8.7
PW1_Pond_OUT	0.1036	43.6	01Jan2015, 06:34	8.7
PW3_PW7	1.4799	561.7	01Jan2015, 06:40	111.7
RT.PW7	1.4799	561.6	01Jan2015, 06:44	111.8
PW10_I	0.2594	505.4	01Jan2015, 06:14	29.9
PW10_P	0.1486	25.3	01Jan2015, 06:21	2.5
PW10	0.4080	524.0	01Jan2015, 06:14	32.4
PW10_Pond	0.4080	85.4	01Jan2015, 06:48	32.2
PW10_Pond_OUT	0.4080	85.4	01Jan2015, 06:48	32.2
PW12_I	0.2062	379.9	01Jan2015, 06:15	23.8
PW12_P	0.1395	46.5	01Jan2015, 06:20	3.8
PW12	0.3457	421.2	01Jan2015, 06:16	27.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	135.7	01Jan2015, 06:40	27.4
PW12_Pond_OUT	0.3457	135.7	01Jan2015, 06:40	27.4
PW5_I	0.1171	246.0	01Jan2015, 06:12	13.5
PW5_P	0.0635	5.0	01Jan2015, 06:23	0.6
PW5	0.1806	248.1	01Jan2015, 06:12	14.1
PW5_Pond	0.1806	24.6	01Jan2015, 06:52	13.6
PW5_Pond_OUT	0.1806	24.6	01Jan2015, 06:52	13.6
PW5.1_I	0.0097	25.4	01Jan2015, 06:08	1.1
PW5.1_P	0.0068	0.1	01Jan2015, 06:34	0.0
PW5.1	0.0165	25.4	01Jan2015, 06:08	1.1
PW5.1_Pond	0.0165	0.4	01Jan2015, 07:49	1.0
PW5.1_Pond_OUT	0.0165	0.4	01Jan2015, 07:49	1.0
PW5_5.1	0.1971	25.0	01Jan2015, 06:53	14.7
RT.PW5	0.1971	25.0	01Jan2015, 07:02	14.7
PW9_I	0.0738	151.5	01Jan2015, 06:13	8.5
PW9_P	0.0465	9.5	01Jan2015, 06:19	0.8
PW9	0.1203	158.9	01Jan2015, 06:13	9.4
PW9_Pond	0.1203	42.4	01Jan2015, 06:37	9.2
PW9_Pond_OUT	0.1203	42.4	01Jan2015, 06:37	9.2
PW9.1_I	0.0056	15.9	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.1	01Jan2015, 06:31	0.0
PW9.1	0.0095	15.9	01Jan2015, 06:06	0.7
PW9.1_Pond	0.0095	0.4	01Jan2015, 07:11	0.6
PW9.1_Pond_OUT	0.0095	0.4	01Jan2015, 07:11	0.6
PW9_9.1	0.1298	42.7	01Jan2015, 06:37	9.8
PW5_9	0.3269	66.1	01Jan2015, 06:42	24.6
RT.PW9	0.3269	66.1	01Jan2015, 06:48	24.6
PW8S1_I	0.0346	69.6	01Jan2015, 06:13	4.0
PW8S1_P	0.0275	3.6	01Jan2015, 06:21	0.4
PW8S1	0.0621	71.8	01Jan2015, 06:13	4.4
PW8S1_Pond	0.0621	12.4	01Jan2015, 06:45	4.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	12.4	01Jan2015, 06:45	4.3
PW8N_P	0.02	0.3	01Jan2015, 06:44	0.1
PW8N_I	0.0193	31.9	01Jan2015, 06:18	2.2
PW8N	0.0393	31.9	01Jan2015, 06:18	2.3
PW8N_Pond	0.0393	1.6	01Jan2015, 07:27	2.3
PW8N_Pond_OUT	0.0393	1.6	01Jan2015, 07:27	2.3
PW8S2_I	0.0182	34.2	01Jan2015, 06:15	2.1
PW8S2_P	0.0135	0.2	01Jan2015, 06:42	0.0
PW8S2	0.0317	34.2	01Jan2015, 06:15	2.1
PW8S2_Pond	0.0317	1.1	01Jan2015, 07:26	2.0
PW8S2_Pond_OUT	0.0317	1.1	01Jan2015, 07:26	2.0
PW10.2_I	0.0089	16.7	01Jan2015, 06:15	1.0
PW10.2_P	0.0055	0.1	01Jan2015, 06:39	0.0
PW10.2	0.0144	16.7	01Jan2015, 06:15	1.0
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	10.7	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 06:32	0.0
PW10.1	0.0058	10.7	01Jan2015, 06:06	0.4
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	1836.2	01Jan2015, 07:03	562.1
RT.PW10	8.088853	1834.5	01Jan2015, 07:08	562.0
VRW3N_P	0.1018	10.2	01Jan2015, 06:27	1.3
VRW3N_I	0.0936	166.1	01Jan2015, 06:16	10.8
VRW3N	0.1954	172.5	01Jan2015, 06:17	12.0
VRW3N_Pond	0.1954	43.5	01Jan2015, 06:46	11.9
VRW3N_Pond_OUT	0.1954	43.5	01Jan2015, 06:46	11.9
VRW3S_I	0.0822	144.7	01Jan2015, 06:16	9.5
VRW3S_P	0.0727	14.8	01Jan2015, 06:24	1.4
VRW3S	0.1549	156.8	01Jan2015, 06:17	10.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	100.6	01Jan2015, 06:29	10.9
VRW3S_Pond_OUT	0.1549	100.6	01Jan2015, 06:29	10.9
PW_VRW3	8.439153	1916.3	01Jan2015, 07:06	584.7
RT.VRW3	8.439153	1914.8	01Jan2015, 07:11	584.7
PW15N_I	0.2036	322.0	01Jan2015, 06:20	23.5
PW15N_P	0.1351	2.1	01Jan2015, 06:46	0.6
PW15N	0.3387	322.2	01Jan2015, 06:20	24.0
PW15N_Pond	0.3387	11.0	01Jan2015, 07:48	23.1
PW15N_Pond_OUT	0.3387	11.0	01Jan2015, 07:48	23.1
PW14.1_I	0.1245	225.1	01Jan2015, 06:16	14.3
PW14.1_P	0.0879	14.1	01Jan2015, 06:24	1.5
PW14.1	0.2124	235.7	01Jan2015, 06:16	15.8
PW14.1_Pond	0.2124	37.2	01Jan2015, 06:53	15.6
PW14.1_Pond_OUT	0.2124	37.2	01Jan2015, 06:53	15.6
PW13_I	0.0313	55.8	01Jan2015, 06:16	3.6
PW13_P	0.0238	3.3	01Jan2015, 06:25	0.4
PW13	0.0551	58.1	01Jan2015, 06:17	4.0
PW13_Pond	0.0551	12.0	01Jan2015, 06:49	3.9
PW13_Pond_OUT	0.0551	12.0	01Jan2015, 06:49	3.9
PW14.2_I	0.0149	29.0	01Jan2015, 06:14	1.7
PW14.2_P	0.0095	0.6	01Jan2015, 06:28	0.1
PW14.2	0.0244	29.2	01Jan2015, 06:14	1.8
PW14.2_Pond	0.0244	2.9	01Jan2015, 06:58	1.8
PW14.2_Pond_OUT	0.0244	2.9	01Jan2015, 06:58	1.8
PW13_14.2	0.0795	14.9	01Jan2015, 06:50	5.7
RT.PW13	0.0795	14.9	01Jan2015, 07:10	5.8
PW13_14.1	0.2919	51.9	01Jan2015, 07:02	21.4
RT.PW14.1	0.2919	51.9	01Jan2015, 07:05	21.5
PW14_I	0.0692	127.6	01Jan2015, 06:15	8.0
PW14_P	0.0499	0.6	01Jan2015, 06:43	0.2
PW14	0.1191	127.6	01Jan2015, 06:15	8.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	20.0	01Jan2015, 06:51	7.9
PW14_Pond_OUT	0.1191	20.0	01Jan2015, 06:51	7.9
PW15S_P	0.0322	1.3	01Jan2015, 06:35	0.2
PW15S_I	0.0301	54.8	01Jan2015, 06:16	3.5
PW15S	0.0623	55.2	01Jan2015, 06:16	3.7
PW15S_Pond	0.0623	12.3	01Jan2015, 06:46	3.6
PW15S_Pond_OUT	0.0623	12.3	01Jan2015, 06:46	3.6
PW15.1_I	0.0144	37.7	01Jan2015, 06:08	1.7
PW15.1_P	0.0089	0.2	01Jan2015, 06:33	0.0
PW15.1	0.0233	37.7	01Jan2015, 06:08	1.7
PW15.1_Pond	0.0233	1.5	01Jan2015, 07:07	1.7
PW15.1_Pond_OUT	0.0233	1.5	01Jan2015, 07:07	1.7
PW14_VRW3	9.274453	2009.9	01Jan2015, 07:11	642.5
RT.PW14	9.274453	2009.1	01Jan2015, 07:13	642.4
VR5_I	0.1379	225.5	01Jan2015, 06:19	15.9
VR5_P	0.1197	5.5	01Jan2015, 06:37	0.9
VR5	0.2576	227.7	01Jan2015, 06:19	16.8
VR5_Pond	0.2576	129.2	01Jan2015, 06:35	16.7
VR5_Pond_OUT	0.2576	129.2	01Jan2015, 06:35	16.7
TVI1_I	0.0500	93.0	01Jan2015, 06:15	5.8
TVI1_P	0.0459	0.5	01Jan2015, 06:42	0.2
TVI1	0.0959	93.0	01Jan2015, 06:15	5.9
TVI1_Pond	0.0959	76.5	01Jan2015, 06:22	5.9
TVI1_Pond_OUT	0.0959	76.5	01Jan2015, 06:22	5.9
TVI1.1_I	0.0487	102.8	01Jan2015, 06:12	5.6
TVI1.1_P	0.0149	1.2	01Jan2015, 06:23	0.1
TVI1.1	0.0636	103.3	01Jan2015, 06:12	5.8
TVI1.1_Pond	0.0636	8.7	01Jan2015, 06:55	5.7
TVI1.1_Pond_OUT	0.0636	8.7	01Jan2015, 06:55	5.7
TVI_TOTAL	0.1595	84.2	01Jan2015, 06:22	11.6
RT.TVI	0.1595	84.1	01Jan2015, 06:23	11.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	2097.0	01Jan2015, 07:10	670.7
RT.VR5	9.691553	2096.5	01Jan2015, 07:13	670.7
SEV1N_P	0.0529	0.6	01Jan2015, 06:39	0.2
SEV1N_I	0.0499	101.6	01Jan2015, 06:13	5.8
SEV1N	0.1028	101.6	01Jan2015, 06:13	5.9
SEV1S_P	0.0375	0.4	01Jan2015, 06:42	0.1
SEV1S_I	0.0293	54.3	01Jan2015, 06:15	3.4
SEV1S	0.0668	54.3	01Jan2015, 06:15	3.5
SEV1S_Pond	0.0668	42.0	01Jan2015, 06:23	3.5
SEV1S_Pond_OUT	0.0668	42.0	01Jan2015, 06:23	3.5
VR_TVI_PW_SEV	9.861153	2109.2	01Jan2015, 07:13	680.2
RT.SEV1	9.861153	2109.0	01Jan2015, 07:15	680.2
VRW1_I	0.1758	326.6	01Jan2015, 06:15	20.3
VRW1_P	0.1559	33.2	01Jan2015, 06:22	3.1
VRW1	0.3317	353.1	01Jan2015, 06:16	23.3
VRW1_Pond	0.3317	133.9	01Jan2015, 06:37	23.1
VRW1_Pond_OUT	0.3317	133.9	01Jan2015, 06:37	23.1
PW11_I	0.0825	162.2	01Jan2015, 06:14	9.5
PW11_P	0.0444	32.3	01Jan2015, 06:16	2.0
PW11	0.1269	193.6	01Jan2015, 06:14	11.6
PW11_Pond	0.1269	170.0	01Jan2015, 06:19	11.6
PW11_Pond_OUT	0.1269	170.0	01Jan2015, 06:19	11.6
RT.PW11	0.1269	169.7	01Jan2015, 06:23	11.6
RT.PW11A	0.1269	169.5	01Jan2015, 06:24	11.6
PW11_VRW1	0.4586	288.1	01Jan2015, 06:26	34.8
RT.VRW1	0.4586	287.9	01Jan2015, 06:28	34.8
VRW2_I	0.1139	205.2	01Jan2015, 06:16	13.1
VRW2_P	0.0864	8.8	01Jan2015, 06:26	1.1
VRW2	0.2003	210.6	01Jan2015, 06:16	14.2
RT.VRW2	0.2003	210.4	01Jan2015, 06:18	14.2
RT.VRW2A	0.6589	459.1	01Jan2015, 06:25	49.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	254.9	01Jan2015, 06:15	15.9
VR2_P	0.1126	8.2	01Jan2015, 06:28	1.1
VR2	0.2503	258.7	01Jan2015, 06:15	17.0
VRW1_2_VR2	0.9092	663.0	01Jan2015, 06:22	66.0
RT.VR2	0.9092	662.5	01Jan2015, 06:23	66.0
VR4_I	0.1367	200.2	01Jan2015, 06:22	15.8
VR4_P	0.1165	37.6	01Jan2015, 06:28	3.6
VR4	0.2532	235.0	01Jan2015, 06:23	19.4
VR1_I	0.0497	101.6	01Jan2015, 06:13	5.7
VR1_P	0.0360	14.8	01Jan2015, 06:17	1.1
VR1	0.0857	115.0	01Jan2015, 06:13	6.8
VRW_VR1_4	1.2481	971.9	01Jan2015, 06:22	92.2
VR3_I	0.1746	303.0	01Jan2015, 06:17	20.1
VR3_P	0.1530	20.6	01Jan2015, 06:26	2.3
VR3	0.3276	317.6	01Jan2015, 06:17	22.4
VR6_P	0.1236	68.9	01Jan2015, 06:25	5.7
VR6_I	0.0691	105.7	01Jan2015, 06:21	8.0
VR6	0.1927	172.9	01Jan2015, 06:22	13.7
Las Ventanas Dam	1.7684	69.3	01Jan2015, 08:27	128.3
RT.LVDD	1.7684	69.3	01Jan2015, 08:31	128.3
VR7_I	0.1062	166.5	01Jan2015, 06:20	12.2
VR7_P	0.0886	5.8	01Jan2015, 06:35	0.9
VR7	0.1948	169.7	01Jan2015, 06:20	13.1
Little Window Dam	0.1948	28.6	01Jan2015, 07:03	13.1
LVDD_LWD	1.9632	97.0	01Jan2015, 07:25	141.4
RT.LWD	1.9632	97.0	01Jan2015, 07:27	141.4
SEV2S_P	0.0279	0.4	01Jan2015, 06:35	0.1
SEV2S_I	0.0068	16.2	01Jan2015, 06:09	0.8
SEV2S	0.0347	16.2	01Jan2015, 06:09	0.9
SEV2N_P	0.0198	0.3	01Jan2015, 06:36	0.1
SEV2N_I	0.0007	1.6	01Jan2015, 06:10	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	1.6	01Jan2015, 06:10	0.1
SWINBURNE_INFLOW	11.879553	2206.6	01Jan2015, 07:15	822.6

Project: DCM #4 Simulation Run: WBCA_DEV_25YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 25_YR
 Compute Time: 14Apr2016, 10:35:34 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	63.3	01Jan2015, 06:23	6.2
QR9_I	0.2966	455.3	01Jan2015, 06:16	30.1
QR9	0.6311	508.1	01Jan2015, 06:17	36.3
QR9_Pond	0.6311	105.1	01Jan2015, 06:51	36.0
QR9_Pond_OUT	0.6311	105.1	01Jan2015, 06:51	36.0
QR7_P	0.284053	33.6	01Jan2015, 06:27	4.0
QR7_I	0.1862	268.2	01Jan2015, 06:18	18.9
QR7	0.470253	293.7	01Jan2015, 06:19	22.9
QR7_Pond	0.470253	82.6	01Jan2015, 06:49	22.7
QR7_Pond_OUT	0.470253	82.6	01Jan2015, 06:49	22.7
QR8_P	0.2071	24.0	01Jan2015, 06:29	2.9
QR8_I	0.1122	156.8	01Jan2015, 06:19	11.4
QR8	0.3193	175.2	01Jan2015, 06:20	14.3
QR8_Pond	0.3193	48.7	01Jan2015, 06:52	14.1
QR8_Pond_OUT	0.3193	48.7	01Jan2015, 06:52	14.1
QR7_9	1.420653	236.3	01Jan2015, 06:50	72.9
RT.QR8	1.420653	236.3	01Jan2015, 06:52	72.9
QR4_P	0.2437	30.2	01Jan2015, 06:32	3.8
QR4_I	0.2249	286.8	01Jan2015, 06:22	22.8
QR4	0.4686	310.9	01Jan2015, 06:23	26.6
QR4_Pond	0.4686	72.5	01Jan2015, 07:01	26.4
QR4_Pond_OUT	0.4686	72.5	01Jan2015, 07:01	26.4
QR6_I	0.1436	211.9	01Jan2015, 06:17	14.6
QR6_P	0.1370	25.0	01Jan2015, 06:25	2.5
QR6	0.2806	232.9	01Jan2015, 06:18	17.1
QR6_Pond	0.2806	64.2	01Jan2015, 06:47	17.0
QR6_Pond_OUT	0.2806	64.2	01Jan2015, 06:47	17.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	12.0	01Jan2015, 06:30	1.6
QR1_I	0.1286	180.4	01Jan2015, 06:19	13.1
QR1	0.2690	188.3	01Jan2015, 06:20	14.7
QR1_Pond	0.2690	49.2	01Jan2015, 06:51	14.5
QR1_Pond_OUT	0.2690	49.2	01Jan2015, 06:51	14.5
RT.QR1	0.2690	49.2	01Jan2015, 06:53	14.5
QR3_P	0.1003	11.2	01Jan2015, 06:24	1.3
QR3_I	0.0952	154.5	01Jan2015, 06:15	9.7
QR3	0.1955	162.1	01Jan2015, 06:15	10.9
QR3_Pond	0.1955	37.7	01Jan2015, 06:45	10.8
QR3_Pond_OUT	0.1955	37.7	01Jan2015, 06:45	10.8
RT.QR3	0.1955	37.7	01Jan2015, 06:49	10.8
QR2_I	0.0397	70.6	01Jan2015, 06:13	4.0
QR2_P	0.0240	3.4	01Jan2015, 06:20	0.3
QR2	0.0637	73.1	01Jan2015, 06:13	4.4
QR2_Pond	0.0637	18.3	01Jan2015, 06:38	4.3
QR2_Pond_OUT	0.0637	18.3	01Jan2015, 06:38	4.3
QR3_6	1.2774	239.9	01Jan2015, 06:51	73.0
QR15_P	0.0668	11.9	01Jan2015, 06:26	1.2
QR15_I	0.0627	90.1	01Jan2015, 06:18	6.4
QR15	0.1295	100.1	01Jan2015, 06:19	7.6
QR15_Pond	0.1295	34.0	01Jan2015, 06:45	7.5
QR15_Pond_OUT	0.1295	34.0	01Jan2015, 06:45	7.5
QR3_15	2.827553	509.7	01Jan2015, 06:51	153.4
RT.QR4	2.827553	507.4	01Jan2015, 06:58	153.2
QR20S_I	0.1599	174.4	01Jan2015, 06:28	16.2
QR20S_P	0.0401	5.0	01Jan2015, 06:39	0.7
QR20S	0.2000	178.5	01Jan2015, 06:28	16.9
QR20S_Pond	0.2000	48.5	01Jan2015, 07:09	16.6
QR20S_Pond_OUT	0.2000	48.5	01Jan2015, 07:09	16.6
QR20N_I	0.0842	92.4	01Jan2015, 06:28	8.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	4.5	01Jan2015, 06:39	0.6
QR20N	0.1204	96.1	01Jan2015, 06:28	9.2
QR20N_Pond	0.1204	23.3	01Jan2015, 07:12	9.0
QR20N_Pond_OUT	0.1204	23.3	01Jan2015, 07:12	9.0
QR3_20	3.147953	578.2	01Jan2015, 06:59	178.8
RT.QR20	3.147953	578.1	01Jan2015, 07:03	178.8
QR24_P	0.2066	15.2	01Jan2015, 06:30	2.1
QR24_I	0.1995	290.3	01Jan2015, 06:18	20.2
QR24	0.4061	299.5	01Jan2015, 06:18	22.4
QR24_Pond	0.4061	48.0	01Jan2015, 06:59	21.9
QR24_Pond_OUT	0.4061	48.0	01Jan2015, 06:59	21.9
QR21_I	0.1826	205.2	01Jan2015, 06:27	18.5
QR21_P	0.1435	20.6	01Jan2015, 06:37	2.7
QR21	0.3261	222.8	01Jan2015, 06:28	21.2
QR21_Pond	0.3261	64.6	01Jan2015, 07:06	20.9
QR21_Pond_OUT	0.3261	64.6	01Jan2015, 07:06	20.9
RT.QR21	0.3261	64.6	01Jan2015, 07:10	20.9
QR23S_I	0.1462	159.9	01Jan2015, 06:28	14.8
QR23S_P	0.1271	7.6	01Jan2015, 06:43	1.3
QR23S	0.2733	165.1	01Jan2015, 06:29	16.1
QR23S_Pond	0.2733	87.9	01Jan2015, 06:52	16.1
QR23S_Pond_OUT	0.2733	87.9	01Jan2015, 06:52	16.1
QR26_I	0.1547	219.7	01Jan2015, 06:19	15.7
QR26_P	0.0797	14.1	01Jan2015, 06:26	1.5
QR26	0.2344	231.5	01Jan2015, 06:19	17.2
QR26_Pond	0.2344	55.3	01Jan2015, 06:51	16.9
QR26_Pond_OUT	0.2344	55.3	01Jan2015, 06:51	16.9
QR25_P	0.1312	4.8	01Jan2015, 06:31	0.8
QR25_I	0.1024	182.1	01Jan2015, 06:13	10.4
QR25	0.2336	183.1	01Jan2015, 06:13	11.2
QR25_Pond	0.2336	25.6	01Jan2015, 06:47	10.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	25.6	01Jan2015, 06:47	10.9
QR23N_P	0.0993	4.5	01Jan2015, 06:40	0.8
QR23N_I	0.0919	112.0	01Jan2015, 06:24	9.3
QR23N	0.1912	114.4	01Jan2015, 06:24	10.1
QR23N_Pond	0.1912	25.0	01Jan2015, 07:05	9.9
QR23N_Pond_OUT	0.1912	25.0	01Jan2015, 07:05	9.9
QR27_I	0.0925	129.3	01Jan2015, 06:19	9.4
QR27_P	0.0478	8.3	01Jan2015, 06:27	0.9
QR27	0.1403	136.2	01Jan2015, 06:20	10.3
QR27_Pond	0.1403	72.7	01Jan2015, 06:37	10.2
QR27_Pond_OUT	0.1403	72.7	01Jan2015, 06:37	10.2
QR3_24	4.952953	936.3	01Jan2015, 06:57	285.7
RT.QR24	4.952953	935.8	01Jan2015, 07:05	285.7
PW4N_I	0.1744	261.2	01Jan2015, 06:17	17.7
PW4N_P	0.1660	0.3	01Jan2015, 07:15	0.2
PW4N	0.3404	261.2	01Jan2015, 06:17	17.9
PW4N_Pond	0.3404	9.4	01Jan2015, 07:36	17.1
PW4N_Pond_OUT	0.3404	9.4	01Jan2015, 07:36	17.1
PW4S_P	0.0514	0.3	01Jan2015, 06:50	0.1
PW4S_I	0.0303	46.2	01Jan2015, 06:16	3.1
PW4S	0.0817	46.2	01Jan2015, 06:16	3.2
PW4S_Pond	0.0817	3.9	01Jan2015, 07:09	3.2
PW4S_Pond_OUT	0.0817	3.9	01Jan2015, 07:09	3.2
QR3_25_PW4	5.375053	948.9	01Jan2015, 07:05	306.0
RT.PW4	5.375053	948.3	01Jan2015, 07:13	306.2
PW7_I	0.2944	480.6	01Jan2015, 06:15	29.9
PW7_P	0.1809	36.3	01Jan2015, 06:21	3.4
PW7	0.4753	510.5	01Jan2015, 06:15	33.2
PW7_Pond	0.4753	133.6	01Jan2015, 06:42	33.0
PW7_Pond_OUT	0.4753	133.6	01Jan2015, 06:42	33.0
PW6_I	0.2457	352.5	01Jan2015, 06:18	24.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	65.5	01Jan2015, 06:23	5.8
PW6	0.4550	412.9	01Jan2015, 06:19	30.7
PW6_Pond	0.4550	168.8	01Jan2015, 06:42	30.6
PW6_Pond_OUT	0.4550	168.8	01Jan2015, 06:42	30.6
PW3_P	0.1919	37.8	01Jan2015, 06:17	3.3
PW3_I	0.1536	285.9	01Jan2015, 06:12	15.6
PW3	0.3455	316.0	01Jan2015, 06:12	18.9
PW3_Pond	0.3455	112.5	01Jan2015, 06:31	18.7
PW3_Pond_OUT	0.3455	112.5	01Jan2015, 06:31	18.7
PW2_I	0.0511	100.5	01Jan2015, 06:10	5.2
PW2_P	0.0494	11.8	01Jan2015, 06:15	0.9
PW2	0.1005	110.1	01Jan2015, 06:11	6.1
PW2_Pond	0.1005	31.5	01Jan2015, 06:31	6.0
PW2_Pond_OUT	0.1005	31.5	01Jan2015, 06:31	6.0
QR26_PW3	0.4460	144.0	01Jan2015, 06:31	24.7
RT.PW3	0.4460	143.7	01Jan2015, 06:40	24.8
PW1_I	0.0684	125.8	01Jan2015, 06:12	6.9
PW1_P	0.0352	7.9	01Jan2015, 06:17	0.7
PW1	0.1036	132.1	01Jan2015, 06:12	7.6
PW1_Pond	0.1036	38.3	01Jan2015, 06:33	7.5
PW1_Pond_OUT	0.1036	38.3	01Jan2015, 06:33	7.5
PW3_PW7	1.4799	483.6	01Jan2015, 06:40	95.9
RT.PW7	1.4799	483.4	01Jan2015, 06:44	96.0
PW10_I	0.2594	437.9	01Jan2015, 06:14	26.3
PW10_P	0.1486	14.4	01Jan2015, 06:23	1.7
PW10	0.4080	446.9	01Jan2015, 06:14	28.0
PW10_Pond	0.4080	77.9	01Jan2015, 06:46	27.8
PW10_Pond_OUT	0.4080	77.9	01Jan2015, 06:46	27.8
PW12_I	0.2062	329.1	01Jan2015, 06:15	20.9
PW12_P	0.1395	31.0	01Jan2015, 06:21	2.8
PW12	0.3457	355.3	01Jan2015, 06:16	23.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	119.9	01Jan2015, 06:39	23.6
PW12_Pond_OUT	0.3457	119.9	01Jan2015, 06:39	23.6
PW5_I	0.1171	213.2	01Jan2015, 06:12	11.9
PW5_P	0.0635	2.3	01Jan2015, 06:31	0.4
PW5	0.1806	213.6	01Jan2015, 06:12	12.3
PW5_Pond	0.1806	21.9	01Jan2015, 06:50	11.8
PW5_Pond_OUT	0.1806	21.9	01Jan2015, 06:50	11.8
PW5.1_I	0.0097	22.0	01Jan2015, 06:08	1.0
PW5.1_P	0.0068	0.0	01Jan2015, 07:03	0.0
PW5.1	0.0165	22.0	01Jan2015, 06:08	1.0
PW5.1_Pond	0.0165	0.4	01Jan2015, 07:54	0.9
PW5.1_Pond_OUT	0.0165	0.4	01Jan2015, 07:54	0.9
PW5_5.1	0.1971	22.3	01Jan2015, 06:51	12.7
RT.PW5	0.1971	22.3	01Jan2015, 07:01	12.8
PW9_I	0.0738	131.3	01Jan2015, 06:13	7.5
PW9_P	0.0465	5.6	01Jan2015, 06:20	0.6
PW9	0.1203	135.1	01Jan2015, 06:13	8.1
PW9_Pond	0.1203	34.4	01Jan2015, 06:38	7.9
PW9_Pond_OUT	0.1203	34.4	01Jan2015, 06:38	7.9
PW9.1_I	0.0056	13.8	01Jan2015, 06:06	0.6
PW9.1_P	0.0039	0.0	01Jan2015, 06:33	0.0
PW9.1	0.0095	13.8	01Jan2015, 06:06	0.6
PW9.1_Pond	0.0095	0.4	01Jan2015, 07:09	0.5
PW9.1_Pond_OUT	0.0095	0.4	01Jan2015, 07:09	0.5
PW9_9.1	0.1298	34.8	01Jan2015, 06:38	8.5
PW5_9	0.3269	55.7	01Jan2015, 06:43	21.2
RT.PW9	0.3269	55.7	01Jan2015, 06:49	21.3
PW8S1_I	0.0346	60.3	01Jan2015, 06:13	3.5
PW8S1_P	0.0275	1.9	01Jan2015, 06:24	0.3
PW8S1	0.0621	61.2	01Jan2015, 06:13	3.8
PW8S1_Pond	0.0621	11.0	01Jan2015, 06:44	3.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	11.0	01Jan2015, 06:44	3.7
PW8N_P	0.02	0.1	01Jan2015, 07:09	0.0
PW8N_I	0.0193	27.6	01Jan2015, 06:18	2.0
PW8N	0.0393	27.6	01Jan2015, 06:18	2.0
PW8N_Pond	0.0393	1.5	01Jan2015, 07:24	2.0
PW8N_Pond_OUT	0.0393	1.5	01Jan2015, 07:24	2.0
PW8S2_I	0.0182	29.7	01Jan2015, 06:15	1.8
PW8S2_P	0.0135	0.0	01Jan2015, 07:11	0.0
PW8S2	0.0317	29.7	01Jan2015, 06:15	1.9
PW8S2_Pond	0.0317	1.1	01Jan2015, 07:23	1.7
PW8S2_Pond_OUT	0.0317	1.1	01Jan2015, 07:23	1.7
PW10.2_I	0.0089	14.5	01Jan2015, 06:15	0.9
PW10.2_P	0.0055	0.0	01Jan2015, 07:05	0.0
PW10.2	0.0144	14.5	01Jan2015, 06:15	0.9
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	9.3	01Jan2015, 06:06	0.4
PW10.1_P	0.0021	0.0	01Jan2015, 07:02	0.0
PW10.1	0.0058	9.3	01Jan2015, 06:06	0.4
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	1606.2	01Jan2015, 07:03	482.2
RT.PW10	8.088853	1604.6	01Jan2015, 07:08	482.1
VRW3N_P	0.1018	5.3	01Jan2015, 06:31	0.8
VRW3N_I	0.0936	143.9	01Jan2015, 06:16	9.5
VRW3N	0.1954	146.2	01Jan2015, 06:17	10.3
VRW3N_Pond	0.1954	37.8	01Jan2015, 06:45	10.1
VRW3N_Pond_OUT	0.1954	37.8	01Jan2015, 06:45	10.1
VRW3S_I	0.0822	125.3	01Jan2015, 06:16	8.3
VRW3S_P	0.0727	9.0	01Jan2015, 06:25	1.0
VRW3S	0.1549	132.1	01Jan2015, 06:17	9.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	82.5	01Jan2015, 06:30	9.3
VRW3S_Pond_OUT	0.1549	82.5	01Jan2015, 06:30	9.3
PW_VRW3	8.439153	1673.4	01Jan2015, 07:06	501.6
RT.VRW3	8.439153	1672.0	01Jan2015, 07:11	501.6
PW15N_I	0.2036	278.8	01Jan2015, 06:20	20.7
PW15N_P	0.1351	0.4	01Jan2015, 07:10	0.3
PW15N	0.3387	278.8	01Jan2015, 06:20	20.9
PW15N_Pond	0.3387	10.3	01Jan2015, 07:47	20.2
PW15N_Pond_OUT	0.3387	10.3	01Jan2015, 07:47	20.2
PW14.1_I	0.1245	195.0	01Jan2015, 06:16	12.6
PW14.1_P	0.0879	8.1	01Jan2015, 06:26	1.0
PW14.1	0.2124	200.2	01Jan2015, 06:16	13.6
PW14.1_Pond	0.2124	33.7	01Jan2015, 06:52	13.5
PW14.1_Pond_OUT	0.2124	33.7	01Jan2015, 06:52	13.5
PW13_I	0.0313	48.3	01Jan2015, 06:16	3.2
PW13_P	0.0238	1.8	01Jan2015, 06:28	0.2
PW13	0.0551	49.4	01Jan2015, 06:16	3.4
PW13_Pond	0.0551	10.7	01Jan2015, 06:48	3.4
PW13_Pond_OUT	0.0551	10.7	01Jan2015, 06:48	3.4
PW14.2_I	0.0149	25.1	01Jan2015, 06:14	1.5
PW14.2_P	0.0095	0.3	01Jan2015, 06:35	0.1
PW14.2	0.0244	25.1	01Jan2015, 06:14	1.6
PW14.2_Pond	0.0244	2.7	01Jan2015, 06:54	1.5
PW14.2_Pond_OUT	0.0244	2.7	01Jan2015, 06:54	1.5
PW13_14.2	0.0795	13.4	01Jan2015, 06:48	4.9
RT.PW13	0.0795	13.4	01Jan2015, 07:09	5.0
PW13_14.1	0.2919	46.7	01Jan2015, 07:01	18.5
RT.PW14.1	0.2919	46.7	01Jan2015, 07:04	18.5
PW14_I	0.0692	110.5	01Jan2015, 06:15	7.0
PW14_P	0.0499	0.1	01Jan2015, 07:12	0.1
PW14	0.1191	110.5	01Jan2015, 06:15	7.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	17.2	01Jan2015, 06:50	6.9
PW14_Pond_OUT	0.1191	17.2	01Jan2015, 06:50	6.9
PW15S_P	0.0322	0.5	01Jan2015, 06:40	0.1
PW15S_I	0.0301	47.5	01Jan2015, 06:16	3.1
PW15S	0.0623	47.5	01Jan2015, 06:16	3.2
PW15S_Pond	0.0623	11.0	01Jan2015, 06:45	3.1
PW15S_Pond_OUT	0.0623	11.0	01Jan2015, 06:45	3.1
PW15.1_I	0.0144	32.7	01Jan2015, 06:08	1.5
PW15.1_P	0.0089	0.0	01Jan2015, 07:01	0.0
PW15.1	0.0233	32.7	01Jan2015, 06:08	1.5
PW15.1_Pond	0.0233	1.4	01Jan2015, 07:03	1.5
PW15.1_Pond_OUT	0.0233	1.4	01Jan2015, 07:03	1.5
PW14_VRW3	9.274453	1756.6	01Jan2015, 07:11	551.7
RT.PW14	9.274453	1755.7	01Jan2015, 07:13	551.6
VR5_I	0.1379	195.3	01Jan2015, 06:19	14.0
VR5_P	0.1197	2.2	01Jan2015, 06:41	0.5
VR5	0.2576	195.6	01Jan2015, 06:19	14.5
VR5_Pond	0.2576	108.0	01Jan2015, 06:35	14.5
VR5_Pond_OUT	0.2576	108.0	01Jan2015, 06:35	14.5
TVI1_I	0.0500	80.5	01Jan2015, 06:15	5.1
TVI1_P	0.0459	0.1	01Jan2015, 07:11	0.1
TVI1	0.0959	80.5	01Jan2015, 06:15	5.1
TVI1_Pond	0.0959	65.5	01Jan2015, 06:22	5.1
TVI1_Pond_OUT	0.0959	65.5	01Jan2015, 06:22	5.1
TVI1.1_I	0.0487	89.1	01Jan2015, 06:12	4.9
TVI1.1_P	0.0149	0.5	01Jan2015, 06:31	0.1
TVI1.1	0.0636	89.2	01Jan2015, 06:12	5.0
TVI1.1_Pond	0.0636	8.0	01Jan2015, 06:52	5.0
TVI1.1_Pond_OUT	0.0636	8.0	01Jan2015, 06:52	5.0
TVI_TOTAL	0.1595	72.5	01Jan2015, 06:22	10.1
RT.TVI	0.1595	72.4	01Jan2015, 06:23	10.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	1830.1	01Jan2015, 07:11	576.2
RT.VR5	9.691553	1829.5	01Jan2015, 07:14	576.2
SEV1N_P	0.0529	0.1	01Jan2015, 07:08	0.1
SEV1N_I	0.0499	88.1	01Jan2015, 06:13	5.1
SEV1N	0.1028	88.1	01Jan2015, 06:13	5.1
SEV1S_P	0.0375	0.1	01Jan2015, 07:11	0.1
SEV1S_I	0.0293	47.0	01Jan2015, 06:15	3.0
SEV1S	0.0668	47.0	01Jan2015, 06:15	3.0
SEV1S_Pond	0.0668	35.5	01Jan2015, 06:23	3.0
SEV1S_Pond_OUT	0.0668	35.5	01Jan2015, 06:23	3.0
VR_TVI_PW_SEV	9.861153	1839.9	01Jan2015, 07:13	584.4
RT.SEV1	9.861153	1839.7	01Jan2015, 07:16	584.4
VRW1_I	0.1758	282.9	01Jan2015, 06:15	17.8
VRW1_P	0.1559	20.2	01Jan2015, 06:23	2.2
VRW1	0.3317	297.2	01Jan2015, 06:16	20.0
VRW1_Pond	0.3317	109.2	01Jan2015, 06:37	19.8
VRW1_Pond_OUT	0.3317	109.2	01Jan2015, 06:37	19.8
PW11_I	0.0825	140.5	01Jan2015, 06:14	8.4
PW11_P	0.0444	24.3	01Jan2015, 06:16	1.6
PW11	0.1269	163.9	01Jan2015, 06:14	10.0
PW11_Pond	0.1269	143.1	01Jan2015, 06:19	10.0
PW11_Pond_OUT	0.1269	143.1	01Jan2015, 06:19	10.0
RT.PW11	0.1269	142.7	01Jan2015, 06:23	10.1
RT.PW11A	0.1269	142.6	01Jan2015, 06:25	10.1
PW11_VRW1	0.4586	239.2	01Jan2015, 06:27	29.9
RT.VRW1	0.4586	239.1	01Jan2015, 06:28	29.9
VRW2_I	0.1139	177.7	01Jan2015, 06:16	11.6
VRW2_P	0.0864	4.5	01Jan2015, 06:31	0.7
VRW2	0.2003	179.8	01Jan2015, 06:16	12.3
RT.VRW2	0.2003	179.5	01Jan2015, 06:18	12.3
RT.VRW2A	0.6589	382.1	01Jan2015, 06:25	42.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	220.8	01Jan2015, 06:15	14.0
VR2_P	0.1126	3.9	01Jan2015, 06:34	0.7
VR2	0.2503	221.7	01Jan2015, 06:15	14.7
VRW1_2_VR2	0.9092	553.1	01Jan2015, 06:22	56.9
RT.VR2	0.9092	552.2	01Jan2015, 06:24	56.9
VR4_I	0.1367	173.3	01Jan2015, 06:22	13.9
VR4_P	0.1165	26.2	01Jan2015, 06:29	2.8
VR4	0.2532	196.9	01Jan2015, 06:23	16.6
VR1_I	0.0497	88.1	01Jan2015, 06:13	5.0
VR1_P	0.0360	10.0	01Jan2015, 06:17	0.8
VR1	0.0857	96.8	01Jan2015, 06:13	5.8
VRW_VR1_4	1.2481	811.1	01Jan2015, 06:23	79.3
VR3_I	0.1746	262.4	01Jan2015, 06:17	17.7
VR3_P	0.1530	11.5	01Jan2015, 06:29	1.6
VR3	0.3276	269.2	01Jan2015, 06:17	19.3
VR6_P	0.1236	51.9	01Jan2015, 06:25	4.5
VR6_I	0.0691	91.5	01Jan2015, 06:21	7.0
VR6	0.1927	141.7	01Jan2015, 06:22	11.6
Las Ventanas Dam	1.7684	66.9	01Jan2015, 08:23	110.2
RT.LVDD	1.7684	66.9	01Jan2015, 08:26	110.2
VR7_I	0.1062	144.2	01Jan2015, 06:20	10.8
VR7_P	0.0886	2.8	01Jan2015, 06:39	0.5
VR7	0.1948	145.1	01Jan2015, 06:20	11.3
Little Window Dam	0.1948	27.0	01Jan2015, 07:00	11.3
LVDD_LWD	1.9632	93.1	01Jan2015, 07:21	121.5
RT.LWD	1.9632	93.1	01Jan2015, 07:23	121.5
SEV2S_P	0.0279	0.0	01Jan2015, 07:05	0.0
SEV2S_I	0.0068	14.0	01Jan2015, 06:09	0.7
SEV2S	0.0347	14.0	01Jan2015, 06:09	0.7
SEV2N_P	0.0198	0.0	01Jan2015, 07:06	0.0
SEV2N_I	0.0007	1.4	01Jan2015, 06:11	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	1.4	01Jan2015, 06:11	0.1
SWINBURNE_INFLOW	11.879553	1933.4	01Jan2015, 07:16	706.7

Project: DCM #4 Simulation Run: WBCA_DEV_10YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
 End of Run: 03Jan2015, 00:00 Meteorologic Model: 10_YR
 Compute Time: 14Apr2016, 11:03:36 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	28.6	01Jan2015, 06:25	3.6
QR9_I	0.2966	362.0	01Jan2015, 06:16	24.5
QR9	0.6311	382.3	01Jan2015, 06:17	28.1
QR9_Pond	0.6311	88.5	01Jan2015, 06:48	27.8
QR9_Pond_OUT	0.6311	88.5	01Jan2015, 06:48	27.8
QR7_P	0.284053	13.2	01Jan2015, 06:32	2.2
QR7_I	0.1862	213.3	01Jan2015, 06:18	15.4
QR7	0.470253	220.4	01Jan2015, 06:19	17.5
QR7_Pond	0.470253	67.4	01Jan2015, 06:47	17.3
QR7_Pond_OUT	0.470253	67.4	01Jan2015, 06:47	17.3
QR8_P	0.2071	9.5	01Jan2015, 06:34	1.6
QR8_I	0.1122	124.7	01Jan2015, 06:19	9.3
QR8	0.3193	130.0	01Jan2015, 06:20	10.8
QR8_Pond	0.3193	38.8	01Jan2015, 06:50	10.7
QR8_Pond_OUT	0.3193	38.8	01Jan2015, 06:50	10.7
QR7_9	1.420653	194.6	01Jan2015, 06:48	55.9
RT.QR8	1.420653	194.5	01Jan2015, 06:50	55.8
QR4_P	0.2437	12.8	01Jan2015, 06:36	2.1
QR4_I	0.2249	228.1	01Jan2015, 06:22	18.6
QR4	0.4686	236.2	01Jan2015, 06:23	20.7
QR4_Pond	0.4686	60.9	01Jan2015, 06:59	20.5
QR4_Pond_OUT	0.4686	60.9	01Jan2015, 06:59	20.5
QR6_I	0.1436	168.5	01Jan2015, 06:17	11.9
QR6_P	0.1370	11.4	01Jan2015, 06:27	1.5
QR6	0.2806	176.7	01Jan2015, 06:18	13.3
QR6_Pond	0.2806	53.5	01Jan2015, 06:46	13.2
QR6_Pond_OUT	0.2806	53.5	01Jan2015, 06:46	13.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	4.1	01Jan2015, 06:37	0.8
QR1_I	0.1286	143.4	01Jan2015, 06:19	10.6
QR1	0.2690	145.0	01Jan2015, 06:19	11.4
QR1_Pond	0.2690	40.1	01Jan2015, 06:50	11.2
QR1_Pond_OUT	0.2690	40.1	01Jan2015, 06:50	11.2
RT.QR1	0.2690	40.1	01Jan2015, 06:52	11.2
QR3_P	0.1003	4.0	01Jan2015, 06:30	0.7
QR3_I	0.0952	122.9	01Jan2015, 06:15	7.9
QR3	0.1955	124.5	01Jan2015, 06:15	8.5
QR3_Pond	0.1955	31.0	01Jan2015, 06:43	8.4
QR3_Pond_OUT	0.1955	31.0	01Jan2015, 06:43	8.4
RT.QR3	0.1955	31.0	01Jan2015, 06:48	8.4
QR2_I	0.0397	56.2	01Jan2015, 06:13	3.3
QR2_P	0.0240	1.3	01Jan2015, 06:24	0.2
QR2	0.0637	56.8	01Jan2015, 06:13	3.5
QR2_Pond	0.0637	13.4	01Jan2015, 06:39	3.4
QR2_Pond_OUT	0.0637	13.4	01Jan2015, 06:39	3.4
QR3_6	1.2774	197.4	01Jan2015, 06:50	56.7
QR15_P	0.0668	5.5	01Jan2015, 06:28	0.7
QR15_I	0.0627	71.6	01Jan2015, 06:18	5.2
QR15	0.1295	75.5	01Jan2015, 06:19	5.9
QR15_Pond	0.1295	24.2	01Jan2015, 06:46	5.8
QR15_Pond_OUT	0.1295	24.2	01Jan2015, 06:46	5.8
QR3_15	2.827553	416.0	01Jan2015, 06:50	118.4
RT.QR4	2.827553	414.3	01Jan2015, 06:57	118.2
QR20S_I	0.1599	138.7	01Jan2015, 06:28	13.2
QR20S_P	0.0401	2.2	01Jan2015, 06:42	0.4
QR20S	0.2000	140.3	01Jan2015, 06:28	13.6
QR20S_Pond	0.2000	40.4	01Jan2015, 07:07	13.3
QR20S_Pond_OUT	0.2000	40.4	01Jan2015, 07:07	13.3
QR20N_I	0.0842	73.4	01Jan2015, 06:28	7.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	2.0	01Jan2015, 06:42	0.3
QR20N	0.1204	74.9	01Jan2015, 06:28	7.3
QR20N_Pond	0.1204	19.2	01Jan2015, 07:10	7.1
QR20N_Pond_OUT	0.1204	19.2	01Jan2015, 07:10	7.1
QR3_20	3.147953	472.8	01Jan2015, 06:58	138.7
RT.QR20	3.147953	472.7	01Jan2015, 07:02	138.7
QR24_P	0.2066	4.8	01Jan2015, 06:38	1.0
QR24_I	0.1995	230.9	01Jan2015, 06:18	16.5
QR24	0.4061	232.2	01Jan2015, 06:18	17.5
QR24_Pond	0.4061	39.8	01Jan2015, 06:57	17.0
QR24_Pond_OUT	0.4061	39.8	01Jan2015, 06:57	17.0
QR21_I	0.1826	163.2	01Jan2015, 06:27	15.1
QR21_P	0.1435	9.7	01Jan2015, 06:40	1.5
QR21	0.3261	170.6	01Jan2015, 06:28	16.6
QR21_Pond	0.3261	52.4	01Jan2015, 07:04	16.3
QR21_Pond_OUT	0.3261	52.4	01Jan2015, 07:04	16.3
RT.QR21	0.3261	52.4	01Jan2015, 07:08	16.3
QR23S_I	0.1462	127.2	01Jan2015, 06:28	12.1
QR23S_P	0.1271	2.4	01Jan2015, 06:49	0.6
QR23S	0.2733	128.2	01Jan2015, 06:28	12.7
QR23S_Pond	0.2733	73.2	01Jan2015, 06:50	12.7
QR23S_Pond_OUT	0.2733	73.2	01Jan2015, 06:50	12.7
QR26_I	0.1547	174.8	01Jan2015, 06:19	12.8
QR26_P	0.0797	6.5	01Jan2015, 06:29	0.9
QR26	0.2344	179.4	01Jan2015, 06:19	13.6
QR26_Pond	0.2344	42.0	01Jan2015, 06:52	13.3
QR26_Pond_OUT	0.2344	42.0	01Jan2015, 06:52	13.3
QR25_P	0.1312	0.7	01Jan2015, 06:41	0.3
QR25_I	0.1024	144.9	01Jan2015, 06:13	8.5
QR25	0.2336	144.9	01Jan2015, 06:13	8.8
QR25_Pond	0.2336	21.1	01Jan2015, 06:45	8.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	21.1	01Jan2015, 06:45	8.5
QR23N_P	0.0993	1.1	01Jan2015, 06:49	0.4
QR23N_I	0.0919	89.1	01Jan2015, 06:24	7.6
QR23N	0.1912	89.3	01Jan2015, 06:24	7.9
QR23N_Pond	0.1912	20.6	01Jan2015, 07:04	7.8
QR23N_Pond_OUT	0.1912	20.6	01Jan2015, 07:04	7.8
QR27_I	0.0925	102.8	01Jan2015, 06:19	7.6
QR27_P	0.0478	3.8	01Jan2015, 06:29	0.5
QR27	0.1403	105.5	01Jan2015, 06:19	8.2
QR27_Pond	0.1403	54.7	01Jan2015, 06:37	8.1
QR27_Pond_OUT	0.1403	54.7	01Jan2015, 06:37	8.1
QR3_24	4.952953	760.0	01Jan2015, 06:57	222.4
RT.QR24	4.952953	759.5	01Jan2015, 07:05	222.5
PW4N_I	0.1744	207.7	01Jan2015, 06:17	14.4
PW4N_P	0.1660	0.0	02Jan2015, 00:00	0.0
PW4N	0.3404	207.7	01Jan2015, 06:17	14.4
PW4N_Pond	0.3404	8.3	01Jan2015, 07:35	13.7
PW4N_Pond_OUT	0.3404	8.3	01Jan2015, 07:35	13.7
PW4S_P	0.0514	0.0	02Jan2015, 00:00	0.0
PW4S_I	0.0303	36.8	01Jan2015, 06:17	2.5
PW4S	0.0817	36.8	01Jan2015, 06:17	2.5
PW4S_Pond	0.0817	3.6	01Jan2015, 07:04	2.5
PW4S_Pond_OUT	0.0817	3.6	01Jan2015, 07:04	2.5
QR3_25_PW4	5.375053	771.3	01Jan2015, 07:05	238.7
RT.PW4	5.375053	770.8	01Jan2015, 07:13	239.0
PW7_I	0.2944	382.3	01Jan2015, 06:15	24.3
PW7_P	0.1809	16.3	01Jan2015, 06:23	2.0
PW7	0.4753	393.5	01Jan2015, 06:15	26.3
PW7_Pond	0.4753	112.5	01Jan2015, 06:40	26.1
PW7_Pond_OUT	0.4753	112.5	01Jan2015, 06:40	26.1
PW6_I	0.2457	280.3	01Jan2015, 06:18	20.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	36.0	01Jan2015, 06:25	3.7
PW6	0.4550	311.7	01Jan2015, 06:19	24.0
PW6_Pond	0.4550	136.4	01Jan2015, 06:40	23.8
PW6_Pond_OUT	0.4550	136.4	01Jan2015, 06:40	23.8
PW3_P	0.1919	15.8	01Jan2015, 06:20	1.9
PW3_I	0.1536	227.4	01Jan2015, 06:12	12.7
PW3	0.3455	237.1	01Jan2015, 06:12	14.5
PW3_Pond	0.3455	78.0	01Jan2015, 06:32	14.4
PW3_Pond_OUT	0.3455	78.0	01Jan2015, 06:32	14.4
PW2_I	0.0511	79.9	01Jan2015, 06:10	4.2
PW2_P	0.0494	5.1	01Jan2015, 06:17	0.5
PW2	0.1005	83.3	01Jan2015, 06:11	4.8
PW2_Pond	0.1005	21.6	01Jan2015, 06:33	4.7
PW2_Pond_OUT	0.1005	21.6	01Jan2015, 06:33	4.7
QR26_PW3	0.4460	99.6	01Jan2015, 06:32	19.0
RT.PW3	0.4460	99.5	01Jan2015, 06:41	19.1
PW1_I	0.0684	100.0	01Jan2015, 06:12	5.6
PW1_P	0.0352	3.5	01Jan2015, 06:19	0.4
PW1	0.1036	102.3	01Jan2015, 06:12	6.0
PW1_Pond	0.1036	28.2	01Jan2015, 06:35	5.9
PW1_Pond_OUT	0.1036	28.2	01Jan2015, 06:35	5.9
PW3_PW7	1.4799	376.1	01Jan2015, 06:40	74.9
RT.PW7	1.4799	375.9	01Jan2015, 06:44	75.0
PW10_I	0.2594	348.3	01Jan2015, 06:14	21.4
PW10_P	0.1486	4.8	01Jan2015, 06:31	0.9
PW10	0.4080	349.7	01Jan2015, 06:14	22.3
PW10_Pond	0.4080	67.0	01Jan2015, 06:44	22.1
PW10_Pond_OUT	0.4080	67.0	01Jan2015, 06:44	22.1
PW12_I	0.2062	261.7	01Jan2015, 06:15	17.0
PW12_P	0.1395	14.7	01Jan2015, 06:23	1.7
PW12	0.3457	272.4	01Jan2015, 06:16	18.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	96.4	01Jan2015, 06:38	18.5
PW12_Pond_OUT	0.3457	96.4	01Jan2015, 06:38	18.5
PW5_I	0.1171	169.5	01Jan2015, 06:12	9.7
PW5_P	0.0635	0.4	01Jan2015, 06:40	0.2
PW5	0.1806	169.5	01Jan2015, 06:12	9.8
PW5_Pond	0.1806	17.6	01Jan2015, 06:50	9.3
PW5_Pond_OUT	0.1806	17.6	01Jan2015, 06:50	9.3
PW5.1_I	0.0097	17.5	01Jan2015, 06:08	0.8
PW5.1_P	0.0068	0.0	02Jan2015, 00:00	0.0
PW5.1	0.0165	17.5	01Jan2015, 06:08	0.8
PW5.1_Pond	0.0165	0.4	01Jan2015, 07:30	0.7
PW5.1_Pond_OUT	0.0165	0.4	01Jan2015, 07:30	0.7
PW5_5.1	0.1971	18.0	01Jan2015, 06:50	10.1
RT.PW5	0.1971	18.0	01Jan2015, 07:01	10.1
PW9_I	0.0738	104.4	01Jan2015, 06:13	6.1
PW9_P	0.0465	2.0	01Jan2015, 06:26	0.3
PW9	0.1203	105.2	01Jan2015, 06:13	6.4
PW9_Pond	0.1203	24.5	01Jan2015, 06:39	6.3
PW9_Pond_OUT	0.1203	24.5	01Jan2015, 06:39	6.3
PW9.1_I	0.0056	10.9	01Jan2015, 06:06	0.5
PW9.1_P	0.0039	0.0	02Jan2015, 00:00	0.0
PW9.1	0.0095	10.9	01Jan2015, 06:06	0.5
PW9.1_Pond	0.0095	0.3	01Jan2015, 07:07	0.4
PW9.1_Pond_OUT	0.0095	0.3	01Jan2015, 07:07	0.4
PW9_9.1	0.1298	24.8	01Jan2015, 06:39	6.7
PW5_9	0.3269	41.3	01Jan2015, 06:46	16.8
RT.PW9	0.3269	41.3	01Jan2015, 06:54	16.9
PW8S1_I	0.0346	48.0	01Jan2015, 06:13	2.9
PW8S1_P	0.0275	0.5	01Jan2015, 06:35	0.1
PW8S1	0.0621	48.0	01Jan2015, 06:13	3.0
PW8S1_Pond	0.0621	8.8	01Jan2015, 06:43	2.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	8.8	01Jan2015, 06:43	2.9
PW8N_P	0.02	0.0	02Jan2015, 00:00	0.0
PW8N_I	0.0193	22.0	01Jan2015, 06:18	1.6
PW8N	0.0393	22.0	01Jan2015, 06:18	1.6
PW8N_Pond	0.0393	1.4	01Jan2015, 07:20	1.6
PW8N_Pond_OUT	0.0393	1.4	01Jan2015, 07:20	1.6
PW8S2_I	0.0182	23.6	01Jan2015, 06:15	1.5
PW8S2_P	0.0135	0.0	02Jan2015, 00:00	0.0
PW8S2	0.0317	23.6	01Jan2015, 06:15	1.5
PW8S2_Pond	0.0317	1.0	01Jan2015, 07:20	1.4
PW8S2_Pond_OUT	0.0317	1.0	01Jan2015, 07:20	1.4
PW10.2_I	0.0089	11.5	01Jan2015, 06:15	0.7
PW10.2_P	0.0055	0.0	02Jan2015, 00:00	0.0
PW10.2	0.0144	11.5	01Jan2015, 06:15	0.7
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	7.4	01Jan2015, 06:06	0.3
PW10.1_P	0.0021	0.0	02Jan2015, 00:00	0.0
PW10.1	0.0058	7.4	01Jan2015, 06:06	0.3
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	1269.9	01Jan2015, 07:04	377.3
RT.PW10	8.088853	1268.6	01Jan2015, 07:09	377.3
VRW3N_P	0.1018	1.3	01Jan2015, 06:40	0.4
VRW3N_I	0.0936	114.4	01Jan2015, 06:16	7.7
VRW3N	0.1954	114.5	01Jan2015, 06:16	8.1
VRW3N_Pond	0.1954	27.5	01Jan2015, 06:46	7.9
VRW3N_Pond_OUT	0.1954	27.5	01Jan2015, 06:46	7.9
VRW3S_I	0.0822	99.7	01Jan2015, 06:17	6.8
VRW3S_P	0.0727	3.5	01Jan2015, 06:30	0.6
VRW3S	0.1549	101.6	01Jan2015, 06:17	7.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	60.1	01Jan2015, 06:31	7.3
VRW3S_Pond_OUT	0.1549	60.1	01Jan2015, 06:31	7.3
PW_VRW3	8.439153	1319.5	01Jan2015, 07:08	392.5
RT.VRW3	8.439153	1318.3	01Jan2015, 07:13	392.5
PW15N_I	0.2036	221.7	01Jan2015, 06:20	16.8
PW15N_P	0.1351	0.0	02Jan2015, 00:00	0.0
PW15N	0.3387	221.7	01Jan2015, 06:20	16.8
PW15N_Pond	0.3387	9.4	01Jan2015, 07:40	16.2
PW15N_Pond_OUT	0.3387	9.4	01Jan2015, 07:40	16.2
PW14.1_I	0.1245	155.1	01Jan2015, 06:16	10.3
PW14.1_P	0.0879	2.8	01Jan2015, 06:34	0.5
PW14.1	0.2124	156.0	01Jan2015, 06:16	10.8
PW14.1_Pond	0.2124	28.6	01Jan2015, 06:50	10.6
PW14.1_Pond_OUT	0.2124	28.6	01Jan2015, 06:50	10.6
PW13_I	0.0313	38.4	01Jan2015, 06:16	2.6
PW13_P	0.0238	0.6	01Jan2015, 06:36	0.1
PW13	0.0551	38.6	01Jan2015, 06:16	2.7
PW13_Pond	0.0551	8.6	01Jan2015, 06:47	2.6
PW13_Pond_OUT	0.0551	8.6	01Jan2015, 06:47	2.6
PW14.2_I	0.0149	20.0	01Jan2015, 06:14	1.2
PW14.2_P	0.0095	0.0	01Jan2015, 07:04	0.0
PW14.2	0.0244	20.0	01Jan2015, 06:14	1.2
PW14.2_Pond	0.0244	2.4	01Jan2015, 06:51	1.2
PW14.2_Pond_OUT	0.0244	2.4	01Jan2015, 06:51	1.2
PW13_14.2	0.0795	11.0	01Jan2015, 06:48	3.9
RT.PW13	0.0795	11.0	01Jan2015, 07:09	4.0
PW13_14.1	0.2919	39.1	01Jan2015, 07:03	14.6
RT.PW14.1	0.2919	39.1	01Jan2015, 07:06	14.6
PW14_I	0.0692	87.9	01Jan2015, 06:15	5.7
PW14_P	0.0499	0.0	02Jan2015, 00:00	0.0
PW14	0.1191	87.9	01Jan2015, 06:15	5.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	12.7	01Jan2015, 06:51	5.5
PW14_Pond_OUT	0.1191	12.7	01Jan2015, 06:51	5.5
PW15S_P	0.0322	0.0	01Jan2015, 08:52	0.0
PW15S_I	0.0301	37.8	01Jan2015, 06:16	2.5
PW15S	0.0623	37.8	01Jan2015, 06:16	2.5
PW15S_Pond	0.0623	9.1	01Jan2015, 06:44	2.5
PW15S_Pond_OUT	0.0623	9.1	01Jan2015, 06:44	2.5
PW15.1_I	0.0144	26.0	01Jan2015, 06:08	1.2
PW15.1_P	0.0089	0.0	02Jan2015, 00:00	0.0
PW15.1	0.0233	26.0	01Jan2015, 06:08	1.2
PW15.1_Pond	0.0233	1.3	01Jan2015, 06:56	1.2
PW15.1_Pond_OUT	0.0233	1.3	01Jan2015, 06:56	1.2
PW14_VRW3	9.274453	1387.7	01Jan2015, 07:12	432.5
RT.PW14	9.274453	1387.0	01Jan2015, 07:14	432.5
VR5_I	0.1379	155.3	01Jan2015, 06:19	11.4
VR5_P	0.1197	0.2	01Jan2015, 07:16	0.2
VR5	0.2576	155.3	01Jan2015, 06:19	11.6
VR5_Pond	0.2576	81.3	01Jan2015, 06:36	11.5
VR5_Pond_OUT	0.2576	81.3	01Jan2015, 06:36	11.5
TVI1_I	0.0500	64.0	01Jan2015, 06:15	4.1
TVI1_P	0.0459	0.0	02Jan2015, 00:00	0.0
TVI1	0.0959	64.0	01Jan2015, 06:15	4.1
TVI1_Pond	0.0959	50.5	01Jan2015, 06:23	4.1
TVI1_Pond_OUT	0.0959	50.5	01Jan2015, 06:23	4.1
TVI1.1_I	0.0487	70.9	01Jan2015, 06:12	4.0
TVI1.1_P	0.0149	0.1	01Jan2015, 06:40	0.0
TVI1.1	0.0636	70.9	01Jan2015, 06:12	4.1
TVI1.1_Pond	0.0636	7.0	01Jan2015, 06:50	4.0
TVI1.1_Pond_OUT	0.0636	7.0	01Jan2015, 06:50	4.0
TVI_TOTAL	0.1595	56.8	01Jan2015, 06:23	8.1
RT.TVI	0.1595	56.8	01Jan2015, 06:24	8.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	1444.6	01Jan2015, 07:13	452.1
RT.VR5	9.691553	1444.1	01Jan2015, 07:16	452.1
SEV1N_P	0.0529	0.0	02Jan2015, 00:00	0.0
SEV1N_I	0.0499	70.1	01Jan2015, 06:13	4.1
SEV1N	0.1028	70.1	01Jan2015, 06:13	4.1
SEV1S_P	0.0375	0.0	02Jan2015, 00:00	0.0
SEV1S_I	0.0293	37.4	01Jan2015, 06:15	2.4
SEV1S	0.0668	37.4	01Jan2015, 06:15	2.4
SEV1S_Pond	0.0668	27.1	01Jan2015, 06:24	2.4
SEV1S_Pond_OUT	0.0668	27.1	01Jan2015, 06:24	2.4
VR_TVI_PW_SEV	9.861153	1452.2	01Jan2015, 07:16	458.6
RT.SEV1	9.861153	1452.0	01Jan2015, 07:18	458.7
VRW1_I	0.1758	225.0	01Jan2015, 06:15	14.5
VRW1_P	0.1559	7.7	01Jan2015, 06:28	1.2
VRW1	0.3317	228.6	01Jan2015, 06:15	15.7
VRW1_Pond	0.3317	78.1	01Jan2015, 06:38	15.5
VRW1_Pond_OUT	0.3317	78.1	01Jan2015, 06:38	15.5
PW11_I	0.0825	111.8	01Jan2015, 06:14	6.8
PW11_P	0.0444	14.7	01Jan2015, 06:17	1.1
PW11	0.1269	125.6	01Jan2015, 06:14	7.9
PW11_Pond	0.1269	108.5	01Jan2015, 06:19	7.9
PW11_Pond_OUT	0.1269	108.5	01Jan2015, 06:19	7.9
RT.PW11	0.1269	108.4	01Jan2015, 06:24	8.0
RT.PW11A	0.1269	108.2	01Jan2015, 06:25	8.0
PW11_VRW1	0.4586	177.0	01Jan2015, 06:27	23.5
RT.VRW1	0.4586	177.0	01Jan2015, 06:29	23.5
VRW2_I	0.1139	141.4	01Jan2015, 06:16	9.4
VRW2_P	0.0864	1.1	01Jan2015, 06:40	0.3
VRW2	0.2003	141.4	01Jan2015, 06:16	9.7
RT.VRW2	0.2003	141.2	01Jan2015, 06:18	9.7
RT.VRW2A	0.6589	285.4	01Jan2015, 06:25	33.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	175.6	01Jan2015, 06:15	11.4
VR2_P	0.1126	0.6	01Jan2015, 06:45	0.3
VR2	0.2503	175.6	01Jan2015, 06:15	11.6
VRW1_2_VR2	0.9092	416.3	01Jan2015, 06:22	44.8
RT.VR2	0.9092	416.0	01Jan2015, 06:24	44.9
VR4_I	0.1367	137.8	01Jan2015, 06:22	11.3
VR4_P	0.1165	13.7	01Jan2015, 06:31	1.7
VR4	0.2532	149.3	01Jan2015, 06:23	13.0
VR1_I	0.0497	70.1	01Jan2015, 06:13	4.1
VR1_P	0.0360	4.9	01Jan2015, 06:19	0.5
VR1	0.0857	73.8	01Jan2015, 06:13	4.6
VRW_VR1_4	1.2481	611.0	01Jan2015, 06:23	62.4
VR3_I	0.1746	208.7	01Jan2015, 06:17	14.4
VR3_P	0.1530	3.6	01Jan2015, 06:37	0.8
VR3	0.3276	209.6	01Jan2015, 06:17	15.2
VR6_P	0.1236	31.7	01Jan2015, 06:26	3.1
VR6_I	0.0691	72.8	01Jan2015, 06:21	5.7
VR6	0.1927	102.7	01Jan2015, 06:23	8.8
Las Ventanas Dam	1.7684	62.2	01Jan2015, 08:09	86.4
RT.LVDD	1.7684	62.2	01Jan2015, 08:12	86.4
VR7_I	0.1062	114.7	01Jan2015, 06:20	8.8
VR7_P	0.0886	0.4	01Jan2015, 06:55	0.2
VR7	0.1948	114.7	01Jan2015, 06:20	9.0
Little Window Dam	0.1948	24.1	01Jan2015, 06:57	9.0
LVDD_LWD	1.9632	84.5	01Jan2015, 07:17	95.4
RT.LWD	1.9632	84.5	01Jan2015, 07:18	95.4
SEV2S_P	0.0279	0.0	02Jan2015, 00:00	0.0
SEV2S_I	0.0068	11.1	01Jan2015, 06:10	0.6
SEV2S	0.0347	11.1	01Jan2015, 06:10	0.6
SEV2N_P	0.0198	0.0	02Jan2015, 00:00	0.0
SEV2N_I	0.0007	1.1	01Jan2015, 06:11	0.1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	1.1	01Jan2015, 06:11	0.1
SWINBURNE_INFLOW	11.879553	1536.9	01Jan2015, 07:18	554.7

Project: DCM #4 Simulation Run: WBCA_DEV_5YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 5_YR
Compute Time: 14Apr2016, 10:53:31 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	10.3	01Jan2015, 06:32	1.9
QR9_I	0.2966	286.3	01Jan2015, 06:16	19.9
QR9	0.6311	290.8	01Jan2015, 06:17	21.8
QR9_Pond	0.6311	73.3	01Jan2015, 06:46	21.6
QR9_Pond_OUT	0.6311	73.3	01Jan2015, 06:46	21.6
QR7_P	0.284053	3.6	01Jan2015, 06:41	1.0
QR7_I	0.1862	168.7	01Jan2015, 06:18	12.5
QR7	0.470253	169.1	01Jan2015, 06:18	13.5
QR7_Pond	0.470253	53.0	01Jan2015, 06:46	13.3
QR7_Pond_OUT	0.470253	53.0	01Jan2015, 06:46	13.3
QR8_P	0.2071	2.5	01Jan2015, 06:42	0.7
QR8_I	0.1122	98.6	01Jan2015, 06:19	7.5
QR8	0.3193	99.0	01Jan2015, 06:19	8.3
QR8_Pond	0.3193	28.0	01Jan2015, 06:50	8.1
QR8_Pond_OUT	0.3193	28.0	01Jan2015, 06:50	8.1
QR7_9	1.420653	154.1	01Jan2015, 06:47	43.0
RT.QR8	1.420653	154.1	01Jan2015, 06:49	43.0
QR4_P	0.2437	3.9	01Jan2015, 06:43	1.0
QR4_I	0.2249	180.3	01Jan2015, 06:22	15.1
QR4	0.4686	181.5	01Jan2015, 06:22	16.1
QR4_Pond	0.4686	50.5	01Jan2015, 06:56	15.9
QR4_Pond_OUT	0.4686	50.5	01Jan2015, 06:56	15.9
QR6_I	0.1436	133.3	01Jan2015, 06:18	9.6
QR6_P	0.1370	4.1	01Jan2015, 06:33	0.8
QR6	0.2806	135.2	01Jan2015, 06:18	10.4
QR6_Pond	0.2806	43.8	01Jan2015, 06:44	10.3
QR6_Pond_OUT	0.2806	43.8	01Jan2015, 06:44	10.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	0.7	01Jan2015, 06:49	0.3
QR1_I	0.1286	113.4	01Jan2015, 06:19	8.6
QR1	0.2690	113.4	01Jan2015, 06:19	9.0
QR1_Pond	0.2690	29.9	01Jan2015, 06:50	8.8
QR1_Pond_OUT	0.2690	29.9	01Jan2015, 06:50	8.8
RT.QR1	0.2690	29.9	01Jan2015, 06:52	8.8
QR3_P	0.1003	0.9	01Jan2015, 06:39	0.3
QR3_I	0.0952	97.2	01Jan2015, 06:15	6.4
QR3	0.1955	97.2	01Jan2015, 06:15	6.7
QR3_Pond	0.1955	23.9	01Jan2015, 06:42	6.6
QR3_Pond_OUT	0.1955	23.9	01Jan2015, 06:42	6.6
RT.QR3	0.1955	23.9	01Jan2015, 06:47	6.6
QR2_I	0.0397	44.5	01Jan2015, 06:13	2.7
QR2_P	0.0240	0.3	01Jan2015, 06:35	0.1
QR2	0.0637	44.5	01Jan2015, 06:13	2.8
QR2_Pond	0.0637	9.6	01Jan2015, 06:39	2.7
QR2_Pond_OUT	0.0637	9.6	01Jan2015, 06:39	2.7
QR3_6	1.2774	156.6	01Jan2015, 06:49	44.3
QR15_P	0.0668	2.0	01Jan2015, 06:34	0.4
QR15_I	0.0627	56.6	01Jan2015, 06:18	4.2
QR15	0.1295	57.6	01Jan2015, 06:19	4.6
QR15_Pond	0.1295	16.8	01Jan2015, 06:48	4.5
QR15_Pond_OUT	0.1295	16.8	01Jan2015, 06:48	4.5
QR3_15	2.827553	327.4	01Jan2015, 06:49	91.8
RT.QR4	2.827553	326.0	01Jan2015, 06:56	91.6
QR20S_I	0.1599	109.6	01Jan2015, 06:28	10.7
QR20S_P	0.0401	0.8	01Jan2015, 06:48	0.2
QR20S	0.2000	110.0	01Jan2015, 06:28	10.9
QR20S_Pond	0.2000	31.1	01Jan2015, 07:07	10.7
QR20S_Pond_OUT	0.2000	31.1	01Jan2015, 07:07	10.7
QR20N_I	0.0842	58.1	01Jan2015, 06:28	5.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	0.7	01Jan2015, 06:48	0.2
QR20N	0.1204	58.4	01Jan2015, 06:28	5.8
QR20N_Pond	0.1204	14.3	01Jan2015, 07:12	5.7
QR20N_Pond_OUT	0.1204	14.3	01Jan2015, 07:12	5.7
QR3_20	3.147953	369.7	01Jan2015, 06:58	108.0
RT.QR20	3.147953	369.7	01Jan2015, 07:01	108.0
QR24_P	0.2066	0.6	01Jan2015, 07:05	0.4
QR24_I	0.1995	182.6	01Jan2015, 06:18	13.4
QR24	0.4061	182.6	01Jan2015, 06:18	13.8
QR24_Pond	0.4061	31.9	01Jan2015, 06:55	13.3
QR24_Pond_OUT	0.4061	31.9	01Jan2015, 06:55	13.3
QR21_I	0.1826	129.0	01Jan2015, 06:27	12.3
QR21_P	0.1435	3.6	01Jan2015, 06:44	0.8
QR21	0.3261	131.0	01Jan2015, 06:27	13.1
QR21_Pond	0.3261	38.0	01Jan2015, 07:05	12.8
QR21_Pond_OUT	0.3261	38.0	01Jan2015, 07:05	12.8
RT.QR21	0.3261	38.0	01Jan2015, 07:10	12.8
QR23S_I	0.1462	100.5	01Jan2015, 06:28	9.8
QR23S_P	0.1271	0.4	01Jan2015, 07:18	0.2
QR23S	0.2733	100.5	01Jan2015, 06:28	10.1
QR23S_Pond	0.2733	60.6	01Jan2015, 06:48	10.0
QR23S_Pond_OUT	0.2733	60.6	01Jan2015, 06:48	10.0
QR26_I	0.1547	138.2	01Jan2015, 06:19	10.4
QR26_P	0.0797	2.4	01Jan2015, 06:35	0.5
QR26	0.2344	139.4	01Jan2015, 06:19	10.8
QR26_Pond	0.2344	30.3	01Jan2015, 06:53	10.5
QR26_Pond_OUT	0.2344	30.3	01Jan2015, 06:53	10.5
QR25_P	0.1312	0.1	02Jan2015, 00:00	0.1
QR25_I	0.1024	114.7	01Jan2015, 06:13	6.9
QR25	0.2336	114.7	01Jan2015, 06:13	6.9
QR25_Pond	0.2336	16.5	01Jan2015, 06:45	6.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	16.5	01Jan2015, 06:45	6.7
QR23N_P	0.0993	0.1	01Jan2015, 08:40	0.1
QR23N_I	0.0919	70.4	01Jan2015, 06:24	6.2
QR23N	0.1912	70.4	01Jan2015, 06:24	6.3
QR23N_Pond	0.1912	15.8	01Jan2015, 07:03	6.1
QR23N_Pond_OUT	0.1912	15.8	01Jan2015, 07:03	6.1
QR27_I	0.0925	81.3	01Jan2015, 06:19	6.2
QR27_P	0.0478	1.4	01Jan2015, 06:35	0.3
QR27	0.1403	82.0	01Jan2015, 06:19	6.5
QR27_Pond	0.1403	40.3	01Jan2015, 06:39	6.4
QR27_Pond_OUT	0.1403	40.3	01Jan2015, 06:39	6.4
QR3_24	4.952953	589.9	01Jan2015, 06:58	173.9
RT.QR24	4.952953	589.4	01Jan2015, 07:05	174.0
PW4N_I	0.1744	164.3	01Jan2015, 06:17	11.7
PW4N_P	0.1660	0.0	01Jan2015, 00:00	0.0
PW4N	0.3404	164.3	01Jan2015, 06:17	11.7
PW4N_Pond	0.3404	7.3	01Jan2015, 07:37	11.1
PW4N_Pond_OUT	0.3404	7.3	01Jan2015, 07:37	11.1
PW4S_P	0.0514	0.0	01Jan2015, 00:00	0.0
PW4S_I	0.0303	29.1	01Jan2015, 06:17	2.0
PW4S	0.0817	29.1	01Jan2015, 06:17	2.0
PW4S_Pond	0.0817	3.2	01Jan2015, 07:01	2.0
PW4S_Pond_OUT	0.0817	3.2	01Jan2015, 07:01	2.0
QR3_25_PW4	5.375053	599.8	01Jan2015, 07:05	187.1
RT.PW4	5.375053	599.3	01Jan2015, 07:14	187.4
PW7_I	0.2944	302.5	01Jan2015, 06:15	19.8
PW7_P	0.1809	5.8	01Jan2015, 06:30	1.0
PW7	0.4753	304.9	01Jan2015, 06:15	20.8
PW7_Pond	0.4753	93.4	01Jan2015, 06:39	20.6
PW7_Pond_OUT	0.4753	93.4	01Jan2015, 06:39	20.6
PW6_I	0.2457	221.6	01Jan2015, 06:18	16.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	17.4	01Jan2015, 06:27	2.2
PW6	0.4550	235.3	01Jan2015, 06:19	18.7
PW6_Pond	0.4550	99.6	01Jan2015, 06:41	18.6
PW6_Pond_OUT	0.4550	99.6	01Jan2015, 06:41	18.6
PW3_P	0.1919	5.0	01Jan2015, 06:28	0.9
PW3_I	0.1536	180.1	01Jan2015, 06:12	10.3
PW3	0.3455	181.3	01Jan2015, 06:12	11.3
PW3_Pond	0.3455	53.3	01Jan2015, 06:33	11.1
PW3_Pond_OUT	0.3455	53.3	01Jan2015, 06:33	11.1
PW2_I	0.0511	63.2	01Jan2015, 06:10	3.4
PW2_P	0.0494	1.7	01Jan2015, 06:23	0.3
PW2	0.1005	63.8	01Jan2015, 06:11	3.7
PW2_Pond	0.1005	14.6	01Jan2015, 06:34	3.6
PW2_Pond_OUT	0.1005	14.6	01Jan2015, 06:34	3.6
QR26_PW3	0.4460	67.9	01Jan2015, 06:34	14.7
RT.PW3	0.4460	67.8	01Jan2015, 06:43	14.8
PW1_I	0.0684	79.2	01Jan2015, 06:12	4.6
PW1_P	0.0352	1.2	01Jan2015, 06:25	0.2
PW1	0.1036	79.6	01Jan2015, 06:12	4.8
PW1_Pond	0.1036	20.1	01Jan2015, 06:36	4.7
PW1_Pond_OUT	0.1036	20.1	01Jan2015, 06:36	4.7
PW3_PW7	1.4799	280.2	01Jan2015, 06:41	58.7
RT.PW7	1.4799	280.1	01Jan2015, 06:45	58.7
PW10_I	0.2594	275.6	01Jan2015, 06:14	17.4
PW10_P	0.1486	0.9	01Jan2015, 06:41	0.4
PW10	0.4080	275.6	01Jan2015, 06:14	17.8
PW10_Pond	0.4080	57.1	01Jan2015, 06:43	17.6
PW10_Pond_OUT	0.4080	57.1	01Jan2015, 06:43	17.6
PW12_I	0.2062	207.0	01Jan2015, 06:15	13.8
PW12_P	0.1395	5.6	01Jan2015, 06:28	0.9
PW12	0.3457	209.7	01Jan2015, 06:16	14.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	70.1	01Jan2015, 06:39	14.6
PW12_Pond_OUT	0.3457	70.1	01Jan2015, 06:39	14.6
PW5_I	0.1171	134.2	01Jan2015, 06:12	7.9
PW5_P	0.0635	0.0	02Jan2015, 00:00	0.0
PW5	0.1806	134.2	01Jan2015, 06:12	7.9
PW5_Pond	0.1806	12.8	01Jan2015, 06:51	7.4
PW5_Pond_OUT	0.1806	12.8	01Jan2015, 06:51	7.4
PW5.1_I	0.0097	13.9	01Jan2015, 06:08	0.7
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	13.9	01Jan2015, 06:08	0.7
PW5.1_Pond	0.0165	0.4	01Jan2015, 07:31	0.6
PW5.1_Pond_OUT	0.0165	0.4	01Jan2015, 07:31	0.6
PW5_5.1	0.1971	13.2	01Jan2015, 06:52	8.0
RT.PW5	0.1971	13.2	01Jan2015, 07:04	8.1
PW9_I	0.0738	82.7	01Jan2015, 06:13	5.0
PW9_P	0.0465	0.5	01Jan2015, 06:37	0.1
PW9	0.1203	82.7	01Jan2015, 06:13	5.1
PW9_Pond	0.1203	17.1	01Jan2015, 06:40	5.0
PW9_Pond_OUT	0.1203	17.1	01Jan2015, 06:40	5.0
PW9.1_I	0.0056	8.7	01Jan2015, 06:06	0.4
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	8.7	01Jan2015, 06:06	0.4
PW9.1_Pond	0.0095	0.3	01Jan2015, 07:11	0.3
PW9.1_Pond_OUT	0.0095	0.3	01Jan2015, 07:11	0.3
PW9_9.1	0.1298	17.3	01Jan2015, 06:41	5.3
PW5_9	0.3269	29.5	01Jan2015, 06:50	13.4
RT.PW9	0.3269	29.4	01Jan2015, 06:58	13.4
PW8S1_I	0.0346	37.9	01Jan2015, 06:13	2.3
PW8S1_P	0.0275	0.0	01Jan2015, 07:08	0.0
PW8S1	0.0621	37.9	01Jan2015, 06:13	2.4
PW8S1_Pond	0.0621	6.4	01Jan2015, 06:44	2.3

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	6.4	01Jan2015, 06:44	2.3
PW8N_P	0.02	0.0	01Jan2015, 00:00	0.0
PW8N_I	0.0193	17.4	01Jan2015, 06:18	1.3
PW8N	0.0393	17.4	01Jan2015, 06:18	1.3
PW8N_Pond	0.0393	1.3	01Jan2015, 07:19	1.3
PW8N_Pond_OUT	0.0393	1.3	01Jan2015, 07:19	1.3
PW8S2_I	0.0182	18.7	01Jan2015, 06:15	1.2
PW8S2_P	0.0135	0.0	01Jan2015, 00:00	0.0
PW8S2	0.0317	18.7	01Jan2015, 06:15	1.2
PW8S2_Pond	0.0317	0.8	01Jan2015, 07:23	1.1
PW8S2_Pond_OUT	0.0317	0.8	01Jan2015, 07:23	1.1
PW10.2_I	0.0089	9.1	01Jan2015, 06:15	0.6
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	9.1	01Jan2015, 06:15	0.6
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	5.9	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	5.9	01Jan2015, 06:06	0.2
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	972.6	01Jan2015, 07:06	296.3
RT.PW10	8.088853	971.7	01Jan2015, 07:11	296.4
VRW3N_P	0.1018	0.1	01Jan2015, 08:28	0.1
VRW3N_I	0.0936	90.5	01Jan2015, 06:16	6.3
VRW3N	0.1954	90.5	01Jan2015, 06:16	6.4
VRW3N_Pond	0.1954	19.7	01Jan2015, 06:47	6.2
VRW3N_Pond_OUT	0.1954	19.7	01Jan2015, 06:47	6.2
VRW3S_I	0.0822	78.9	01Jan2015, 06:17	5.5
VRW3S_P	0.0727	1.0	01Jan2015, 06:39	0.3
VRW3S	0.1549	79.0	01Jan2015, 06:17	5.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	43.5	01Jan2015, 06:31	5.7
VRW3S_Pond_OUT	0.1549	43.5	01Jan2015, 06:31	5.7
PW_VRW3	8.439153	1008.9	01Jan2015, 07:10	308.3
RT.VRW3	8.439153	1008.2	01Jan2015, 07:15	308.4
PW15N_I	0.2036	175.4	01Jan2015, 06:20	13.7
PW15N_P	0.1351	0.0	01Jan2015, 00:00	0.0
PW15N	0.3387	175.4	01Jan2015, 06:20	13.7
PW15N_Pond	0.3387	8.4	01Jan2015, 07:43	13.1
PW15N_Pond_OUT	0.3387	8.4	01Jan2015, 07:43	13.1
PW14.1_I	0.1245	122.7	01Jan2015, 06:16	8.4
PW14.1_P	0.0879	0.5	01Jan2015, 06:44	0.2
PW14.1	0.2124	122.7	01Jan2015, 06:16	8.6
PW14.1_Pond	0.2124	24.0	01Jan2015, 06:48	8.4
PW14.1_Pond_OUT	0.2124	24.0	01Jan2015, 06:48	8.4
PW13_I	0.0313	30.4	01Jan2015, 06:16	2.1
PW13_P	0.0238	0.1	01Jan2015, 07:03	0.0
PW13	0.0551	30.4	01Jan2015, 06:16	2.1
PW13_Pond	0.0551	6.3	01Jan2015, 06:48	2.1
PW13_Pond_OUT	0.0551	6.3	01Jan2015, 06:48	2.1
PW14.2_I	0.0149	15.8	01Jan2015, 06:14	1.0
PW14.2_P	0.0095	0.0	02Jan2015, 00:00	0.0
PW14.2	0.0244	15.8	01Jan2015, 06:14	1.0
PW14.2_Pond	0.0244	2.1	01Jan2015, 06:50	1.0
PW14.2_Pond_OUT	0.0244	2.1	01Jan2015, 06:50	1.0
PW13_14.2	0.0795	8.4	01Jan2015, 06:48	3.1
RT.PW13	0.0795	8.4	01Jan2015, 07:12	3.2
PW13_14.1	0.2919	31.6	01Jan2015, 07:03	11.6
RT.PW14.1	0.2919	31.6	01Jan2015, 07:07	11.6
PW14_I	0.0692	69.5	01Jan2015, 06:15	4.6
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	69.5	01Jan2015, 06:15	4.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	9.1	01Jan2015, 06:54	4.4
PW14_Pond_OUT	0.1191	9.1	01Jan2015, 06:54	4.4
PW15S_P	0.0322	0.0	02Jan2015, 00:01	0.0
PW15S_I	0.0301	29.9	01Jan2015, 06:16	2.0
PW15S	0.0623	29.9	01Jan2015, 06:16	2.0
PW15S_Pond	0.0623	6.8	01Jan2015, 06:45	2.0
PW15S_Pond_OUT	0.0623	6.8	01Jan2015, 06:45	2.0
PW15.1_I	0.0144	20.6	01Jan2015, 06:08	1.0
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	20.6	01Jan2015, 06:08	1.0
PW15.1_Pond	0.0233	1.2	01Jan2015, 06:50	0.9
PW15.1_Pond_OUT	0.0233	1.2	01Jan2015, 06:50	0.9
PW14_VRW3	9.274453	1063.5	01Jan2015, 07:15	340.5
RT.PW14	9.274453	1063.0	01Jan2015, 07:17	340.4
VR5_I	0.1379	122.8	01Jan2015, 06:19	9.3
VR5_P	0.1197	0.0	02Jan2015, 00:00	0.0
VR5	0.2576	122.8	01Jan2015, 06:19	9.3
VR5_Pond	0.2576	60.2	01Jan2015, 06:37	9.2
VR5_Pond_OUT	0.2576	60.2	01Jan2015, 06:37	9.2
TVI1_I	0.0500	50.7	01Jan2015, 06:15	3.4
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	50.7	01Jan2015, 06:15	3.4
TVI1_Pond	0.0959	38.6	01Jan2015, 06:23	3.4
TVI1_Pond_OUT	0.0959	38.6	01Jan2015, 06:23	3.4
TVI1.1_I	0.0487	56.1	01Jan2015, 06:12	3.3
TVI1.1_P	0.0149	0.0	02Jan2015, 00:00	0.0
TVI1.1	0.0636	56.1	01Jan2015, 06:12	3.3
TVI1.1_Pond	0.0636	6.1	01Jan2015, 06:48	3.2
TVI1.1_Pond_OUT	0.0636	6.1	01Jan2015, 06:48	3.2
TVI_TOTAL	0.1595	44.0	01Jan2015, 06:24	6.6
RT.TVI	0.1595	44.0	01Jan2015, 06:25	6.6

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	1107.6	01Jan2015, 07:16	356.2
RT.VR5	9.691553	1107.2	01Jan2015, 07:19	356.2
SEV1N_P	0.0529	0.0	01Jan2015, 00:00	0.0
SEV1N_I	0.0499	55.5	01Jan2015, 06:13	3.4
SEV1N	0.1028	55.5	01Jan2015, 06:13	3.4
SEV1S_P	0.0375	0.0	01Jan2015, 00:00	0.0
SEV1S_I	0.0293	29.6	01Jan2015, 06:15	2.0
SEV1S	0.0668	29.6	01Jan2015, 06:15	2.0
SEV1S_Pond	0.0668	20.4	01Jan2015, 06:25	2.0
SEV1S_Pond_OUT	0.0668	20.4	01Jan2015, 06:25	2.0
VR_TVI_PW_SEV	9.861153	1113.8	01Jan2015, 07:19	361.6
RT.SEV1	9.861153	1113.6	01Jan2015, 07:22	361.6
VRW1_I	0.1758	178.0	01Jan2015, 06:15	11.8
VRW1_P	0.1559	2.1	01Jan2015, 06:38	0.6
VRW1	0.3317	178.2	01Jan2015, 06:15	12.4
VRW1_Pond	0.3317	55.0	01Jan2015, 06:39	12.2
VRW1_Pond_OUT	0.3317	55.0	01Jan2015, 06:39	12.2
PW11_I	0.0825	88.5	01Jan2015, 06:14	5.5
PW11_P	0.0444	8.2	01Jan2015, 06:18	0.7
PW11	0.1269	95.8	01Jan2015, 06:14	6.3
PW11_Pond	0.1269	81.5	01Jan2015, 06:20	6.3
PW11_Pond_OUT	0.1269	81.5	01Jan2015, 06:20	6.3
RT.PW11	0.1269	81.4	01Jan2015, 06:25	6.3
RT.PW11A	0.1269	81.3	01Jan2015, 06:26	6.3
PW11_VRW1	0.4586	129.8	01Jan2015, 06:28	18.5
RT.VRW1	0.4586	129.7	01Jan2015, 06:30	18.5
VRW2_I	0.1139	111.8	01Jan2015, 06:16	7.6
VRW2_P	0.0864	0.1	01Jan2015, 08:27	0.1
VRW2	0.2003	111.8	01Jan2015, 06:16	7.7
RT.VRW2	0.2003	111.7	01Jan2015, 06:18	7.7
RT.VRW2A	0.6589	212.5	01Jan2015, 06:26	26.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	138.9	01Jan2015, 06:15	9.2
VR2_P	0.1126	0.1	02Jan2015, 00:00	0.1
VR2	0.2503	138.9	01Jan2015, 06:15	9.3
VRW1_2_VR2	0.9092	312.0	01Jan2015, 06:23	35.5
RT.VR2	0.9092	311.8	01Jan2015, 06:25	35.5
VR4_I	0.1367	108.9	01Jan2015, 06:22	9.2
VR4_P	0.1165	6.1	01Jan2015, 06:34	1.0
VR4	0.2532	113.4	01Jan2015, 06:23	10.2
VR1_I	0.0497	55.5	01Jan2015, 06:13	3.3
VR1_P	0.0360	1.9	01Jan2015, 06:22	0.3
VR1	0.0857	56.6	01Jan2015, 06:13	3.6
VRW_VR1_4	1.2481	459.0	01Jan2015, 06:23	49.3
VR3_I	0.1746	165.1	01Jan2015, 06:17	11.7
VR3_P	0.1530	0.5	01Jan2015, 07:04	0.3
VR3	0.3276	165.1	01Jan2015, 06:17	12.0
VR6_P	0.1236	17.9	01Jan2015, 06:28	2.0
VR6_I	0.0691	57.5	01Jan2015, 06:21	4.6
VR6	0.1927	73.8	01Jan2015, 06:23	6.6
Las Ventanas Dam	1.7684	56.5	01Jan2015, 08:01	68.0
RT.LVDD	1.7684	56.5	01Jan2015, 08:04	68.0
VR7_I	0.1062	90.7	01Jan2015, 06:20	7.1
VR7_P	0.0886	0.0	02Jan2015, 00:00	0.0
VR7	0.1948	90.7	01Jan2015, 06:20	7.2
Little Window Dam	0.1948	20.6	01Jan2015, 06:55	7.2
LVDD_LWD	1.9632	75.7	01Jan2015, 07:13	75.1
RT.LWD	1.9632	75.7	01Jan2015, 07:15	75.1
SEV2S_P	0.0279	0.0	01Jan2015, 00:00	0.0
SEV2S_I	0.0068	8.8	01Jan2015, 06:10	0.5
SEV2S	0.0347	8.8	01Jan2015, 06:10	0.5
SEV2N_P	0.0198	0.0	01Jan2015, 00:00	0.0
SEV2N_I	0.0007	0.9	01Jan2015, 06:11	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	0.9	01Jan2015, 06:11	0.0
SWINBURNE_INFLOW	11.879553	1189.6	01Jan2015, 07:22	437.2

Project: DCM #4 Simulation Run: WBCA_DEV_2YR

Start of Run: 01Jan2015, 00:00 Basin Model: WBCA_Developed
End of Run: 03Jan2015, 00:00 Meteorologic Model: 2_YR
Compute Time: 14Apr2016, 10:07:54 Control Specifications: WBCA 100_YEAR

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR9_P	0.3345	0.4	01Jan2015, 08:16	0.4
QR9_I	0.2966	185.8	01Jan2015, 06:17	13.8
QR9	0.6311	185.8	01Jan2015, 06:17	14.2
QR9_Pond	0.6311	47.9	01Jan2015, 06:45	13.9
QR9_Pond_OUT	0.6311	47.9	01Jan2015, 06:45	13.9
QR7_P	0.284053	0.1	02Jan2015, 00:00	0.1
QR7_I	0.1862	109.4	01Jan2015, 06:18	8.6
QR7	0.470253	109.4	01Jan2015, 06:18	8.8
QR7_Pond	0.470253	29.8	01Jan2015, 06:48	8.6
QR7_Pond_OUT	0.470253	29.8	01Jan2015, 06:48	8.6
QR8_P	0.2071	0.1	02Jan2015, 00:00	0.1
QR8_I	0.1122	64.0	01Jan2015, 06:19	5.2
QR8	0.3193	64.0	01Jan2015, 06:19	5.3
QR8_Pond	0.3193	14.9	01Jan2015, 06:52	5.1
QR8_Pond_OUT	0.3193	14.9	01Jan2015, 06:52	5.1
QR7_9	1.420653	92.4	01Jan2015, 06:47	27.6
RT.QR8	1.420653	92.3	01Jan2015, 06:49	27.6
QR4_P	0.2437	0.1	02Jan2015, 00:00	0.1
QR4_I	0.2249	116.9	01Jan2015, 06:22	10.4
QR4	0.4686	116.9	01Jan2015, 06:22	10.6
QR4_Pond	0.4686	34.1	01Jan2015, 06:55	10.4
QR4_Pond_OUT	0.4686	34.1	01Jan2015, 06:55	10.4
QR6_I	0.1436	86.5	01Jan2015, 06:18	6.7
QR6_P	0.1370	0.1	01Jan2015, 08:17	0.2
QR6	0.2806	86.5	01Jan2015, 06:18	6.8
QR6_Pond	0.2806	26.8	01Jan2015, 06:44	6.7
QR6_Pond_OUT	0.2806	26.8	01Jan2015, 06:44	6.7

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR1_P	0.1404	0.0	02Jan2015, 00:01	0.0
QR1_I	0.1286	73.6	01Jan2015, 06:19	6.0
QR1	0.2690	73.6	01Jan2015, 06:19	6.0
QR1_Pond	0.2690	16.4	01Jan2015, 06:54	5.8
QR1_Pond_OUT	0.2690	16.4	01Jan2015, 06:54	5.8
RT.QR1	0.2690	16.4	01Jan2015, 06:57	5.8
QR3_P	0.1003	0.0	02Jan2015, 00:00	0.0
QR3_I	0.0952	63.1	01Jan2015, 06:15	4.4
QR3	0.1955	63.1	01Jan2015, 06:15	4.4
QR3_Pond	0.1955	13.2	01Jan2015, 06:45	4.3
QR3_Pond_OUT	0.1955	13.2	01Jan2015, 06:45	4.3
RT.QR3	0.1955	13.2	01Jan2015, 06:51	4.3
QR2_I	0.0397	28.9	01Jan2015, 06:13	1.8
QR2_P	0.0240	0.0	02Jan2015, 00:00	0.0
QR2	0.0637	28.9	01Jan2015, 06:13	1.9
QR2_Pond	0.0637	5.0	01Jan2015, 06:43	1.8
QR2_Pond_OUT	0.0637	5.0	01Jan2015, 06:43	1.8
QR3_6	1.2774	94.6	01Jan2015, 06:51	29.1
QR15_P	0.0668	0.1	01Jan2015, 08:18	0.1
QR15_I	0.0627	36.7	01Jan2015, 06:19	2.9
QR15	0.1295	36.7	01Jan2015, 06:19	3.0
QR15_Pond	0.1295	8.5	01Jan2015, 06:51	2.9
QR15_Pond_OUT	0.1295	8.5	01Jan2015, 06:51	2.9
QR3_15	2.827553	195.4	01Jan2015, 06:50	59.6
RT.QR4	2.827553	194.8	01Jan2015, 06:57	59.6
QR20S_I	0.1599	71.1	01Jan2015, 06:29	7.4
QR20S_P	0.0401	0.0	01Jan2015, 09:11	0.0
QR20S	0.2000	71.1	01Jan2015, 06:29	7.5
QR20S_Pond	0.2000	17.3	01Jan2015, 07:13	7.2
QR20S_Pond_OUT	0.2000	17.3	01Jan2015, 07:13	7.2
QR20N_I	0.0842	37.7	01Jan2015, 06:28	3.9

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR20N_P	0.0362	0.0	01Jan2015, 09:11	0.0
QR20N	0.1204	37.7	01Jan2015, 06:28	3.9
QR20N_Pond	0.1204	7.8	01Jan2015, 07:17	3.8
QR20N_Pond_OUT	0.1204	7.8	01Jan2015, 07:17	3.8
QR3_20	3.147953	218.3	01Jan2015, 06:59	70.5
RT.QR20	3.147953	218.3	01Jan2015, 07:03	70.5
QR24_P	0.2066	0.0	02Jan2015, 00:02	0.0
QR24_I	0.1995	118.5	01Jan2015, 06:18	9.3
QR24	0.4061	118.5	01Jan2015, 06:18	9.3
QR24_Pond	0.4061	17.7	01Jan2015, 07:00	8.8
QR24_Pond_OUT	0.4061	17.7	01Jan2015, 07:00	8.8
QR21_I	0.1826	83.7	01Jan2015, 06:27	8.5
QR21_P	0.1435	0.2	01Jan2015, 08:35	0.2
QR21	0.3261	83.7	01Jan2015, 06:27	8.6
QR21_Pond	0.3261	20.2	01Jan2015, 07:10	8.4
QR21_Pond_OUT	0.3261	20.2	01Jan2015, 07:10	8.4
RT.QR21	0.3261	20.2	01Jan2015, 07:15	8.4
QR23S_I	0.1462	65.2	01Jan2015, 06:28	6.8
QR23S_P	0.1271	0.0	02Jan2015, 00:04	0.0
QR23S	0.2733	65.2	01Jan2015, 06:28	6.8
QR23S_Pond	0.2733	38.1	01Jan2015, 06:49	6.8
QR23S_Pond_OUT	0.2733	38.1	01Jan2015, 06:49	6.8
QR26_I	0.1547	89.7	01Jan2015, 06:19	7.2
QR26_P	0.0797	0.1	01Jan2015, 08:18	0.1
QR26	0.2344	89.7	01Jan2015, 06:19	7.3
QR26_Pond	0.2344	15.9	01Jan2015, 06:58	7.0
QR26_Pond_OUT	0.2344	15.9	01Jan2015, 06:58	7.0
QR25_P	0.1312	0.0	01Jan2015, 00:00	0.0
QR25_I	0.1024	74.5	01Jan2015, 06:13	4.8
QR25	0.2336	74.5	01Jan2015, 06:13	4.8
QR25_Pond	0.2336	8.9	01Jan2015, 06:50	4.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
QR25_Pond_OUT	0.2336	8.9	01Jan2015, 06:50	4.5
QR23N_P	0.0993	0.0	01Jan2015, 00:00	0.0
QR23N_I	0.0919	45.7	01Jan2015, 06:24	4.3
QR23N	0.1912	45.7	01Jan2015, 06:24	4.3
QR23N_Pond	0.1912	8.7	01Jan2015, 07:09	4.1
QR23N_Pond_OUT	0.1912	8.7	01Jan2015, 07:09	4.1
QR27_I	0.0925	52.8	01Jan2015, 06:19	4.3
QR27_P	0.0478	0.1	01Jan2015, 08:19	0.1
QR27	0.1403	52.8	01Jan2015, 06:19	4.4
QR27_Pond	0.1403	22.4	01Jan2015, 06:41	4.3
QR27_Pond_OUT	0.1403	22.4	01Jan2015, 06:41	4.3
QR3_24	4.952953	342.6	01Jan2015, 07:00	114.4
RT.QR24	4.952953	342.4	01Jan2015, 07:08	114.6
PW4N_I	0.1744	106.6	01Jan2015, 06:17	8.1
PW4N_P	0.1660	0.0	01Jan2015, 00:00	0.0
PW4N	0.3404	106.6	01Jan2015, 06:17	8.1
PW4N_Pond	0.3404	5.6	01Jan2015, 07:35	7.5
PW4N_Pond_OUT	0.3404	5.6	01Jan2015, 07:35	7.5
PW4S_P	0.0514	0.0	01Jan2015, 00:00	0.0
PW4S_I	0.0303	18.9	01Jan2015, 06:17	1.4
PW4S	0.0817	18.9	01Jan2015, 06:17	1.4
PW4S_Pond	0.0817	2.4	01Jan2015, 06:59	1.4
PW4S_Pond_OUT	0.0817	2.4	01Jan2015, 06:59	1.4
QR3_25_PW4	5.375053	350.3	01Jan2015, 07:08	123.5
RT.PW4	5.375053	350.1	01Jan2015, 07:18	123.9
PW7_I	0.2944	196.4	01Jan2015, 06:15	13.7
PW7_P	0.1809	0.2	01Jan2015, 08:12	0.2
PW7	0.4753	196.4	01Jan2015, 06:15	13.9
PW7_Pond	0.4753	59.8	01Jan2015, 06:39	13.7
PW7_Pond_OUT	0.4753	59.8	01Jan2015, 06:39	13.7
PW6_I	0.2457	143.8	01Jan2015, 06:19	11.4

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW6_P	0.2093	2.7	01Jan2015, 06:38	0.8
PW6	0.4550	144.7	01Jan2015, 06:19	12.2
PW6_Pond	0.4550	52.4	01Jan2015, 06:44	12.0
PW6_Pond_OUT	0.4550	52.4	01Jan2015, 06:44	12.0
PW3_P	0.1919	0.1	01Jan2015, 09:02	0.2
PW3_I	0.1536	117.0	01Jan2015, 06:12	7.1
PW3	0.3455	117.0	01Jan2015, 06:12	7.3
PW3_Pond	0.3455	26.9	01Jan2015, 06:36	7.1
PW3_Pond_OUT	0.3455	26.9	01Jan2015, 06:36	7.1
PW2_I	0.0511	41.1	01Jan2015, 06:11	2.4
PW2_P	0.0494	0.1	01Jan2015, 08:05	0.1
PW2	0.1005	41.1	01Jan2015, 06:11	2.4
PW2_Pond	0.1005	7.2	01Jan2015, 06:38	2.4
PW2_Pond_OUT	0.1005	7.2	01Jan2015, 06:38	2.4
QR26_PW3	0.4460	34.1	01Jan2015, 06:36	9.5
RT.PW3	0.4460	34.1	01Jan2015, 06:48	9.6
PW1_I	0.0684	51.4	01Jan2015, 06:12	3.2
PW1_P	0.0352	0.0	01Jan2015, 08:07	0.0
PW1	0.1036	51.4	01Jan2015, 06:12	3.2
PW1_Pond	0.1036	10.4	01Jan2015, 06:38	3.1
PW1_Pond_OUT	0.1036	10.4	01Jan2015, 06:38	3.1
PW3_PW7	1.4799	155.6	01Jan2015, 06:43	38.4
RT.PW7	1.4799	155.5	01Jan2015, 06:48	38.5
PW10_I	0.2594	179.0	01Jan2015, 06:14	12.0
PW10_P	0.1486	0.0	02Jan2015, 00:00	0.0
PW10	0.4080	179.0	01Jan2015, 06:14	12.1
PW10_Pond	0.4080	41.3	01Jan2015, 06:41	11.9
PW10_Pond_OUT	0.4080	41.3	01Jan2015, 06:41	11.9
PW12_I	0.2062	134.3	01Jan2015, 06:15	9.6
PW12_P	0.1395	0.3	01Jan2015, 07:08	0.2
PW12	0.3457	134.3	01Jan2015, 06:15	9.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW12_Pond	0.3457	37.5	01Jan2015, 06:41	9.6
PW12_Pond_OUT	0.3457	37.5	01Jan2015, 06:41	9.6
PW5_I	0.1171	87.1	01Jan2015, 06:12	5.4
PW5_P	0.0635	0.0	01Jan2015, 00:00	0.0
PW5	0.1806	87.1	01Jan2015, 06:12	5.4
PW5_Pond	0.1806	6.7	01Jan2015, 07:00	5.0
PW5_Pond_OUT	0.1806	6.7	01Jan2015, 07:00	5.0
PW5.1_I	0.0097	9.0	01Jan2015, 06:08	0.5
PW5.1_P	0.0068	0.0	01Jan2015, 00:00	0.0
PW5.1	0.0165	9.0	01Jan2015, 06:08	0.5
PW5.1_Pond	0.0165	0.3	01Jan2015, 07:21	0.4
PW5.1_Pond_OUT	0.0165	0.3	01Jan2015, 07:21	0.4
PW5_5.1	0.1971	7.0	01Jan2015, 07:03	5.4
RT.PW5	0.1971	7.0	01Jan2015, 07:18	5.4
PW9_I	0.0738	53.7	01Jan2015, 06:13	3.4
PW9_P	0.0465	0.0	02Jan2015, 00:00	0.0
PW9	0.1203	53.7	01Jan2015, 06:13	3.4
PW9_Pond	0.1203	8.6	01Jan2015, 06:44	3.3
PW9_Pond_OUT	0.1203	8.6	01Jan2015, 06:44	3.3
PW9.1_I	0.0056	5.6	01Jan2015, 06:07	0.3
PW9.1_P	0.0039	0.0	01Jan2015, 00:00	0.0
PW9.1	0.0095	5.6	01Jan2015, 06:07	0.3
PW9.1_Pond	0.0095	0.2	01Jan2015, 07:17	0.2
PW9.1_Pond_OUT	0.0095	0.2	01Jan2015, 07:17	0.2
PW9_9.1	0.1298	8.8	01Jan2015, 06:46	3.5
PW5_9	0.3269	15.2	01Jan2015, 06:59	9.0
RT.PW9	0.3269	15.2	01Jan2015, 07:09	9.0
PW8S1_I	0.0346	24.6	01Jan2015, 06:13	1.6
PW8S1_P	0.0275	0.0	02Jan2015, 00:05	0.0
PW8S1	0.0621	24.6	01Jan2015, 06:13	1.6
PW8S1_Pond	0.0621	3.4	01Jan2015, 06:48	1.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW8S1_Pond_OUT	0.0621	3.4	01Jan2015, 06:48	1.5
PW8N_P	0.02	0.0	01Jan2015, 00:00	0.0
PW8N_I	0.0193	11.3	01Jan2015, 06:19	0.9
PW8N	0.0393	11.3	01Jan2015, 06:19	0.9
PW8N_Pond	0.0393	1.1	01Jan2015, 07:13	0.9
PW8N_Pond_OUT	0.0393	1.1	01Jan2015, 07:13	0.9
PW8S2_I	0.0182	12.1	01Jan2015, 06:15	0.8
PW8S2_P	0.0135	0.0	01Jan2015, 00:00	0.0
PW8S2	0.0317	12.1	01Jan2015, 06:15	0.8
PW8S2_Pond	0.0317	0.6	01Jan2015, 07:28	0.7
PW8S2_Pond_OUT	0.0317	0.6	01Jan2015, 07:28	0.7
PW10.2_I	0.0089	5.9	01Jan2015, 06:15	0.4
PW10.2_P	0.0055	0.0	01Jan2015, 00:00	0.0
PW10.2	0.0144	5.9	01Jan2015, 06:15	0.4
PW10.2_Pond	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.2_Pond_OUT	0.0144	0.0	01Jan2015, 00:00	0.0
PW10.1_I	0.0037	3.8	01Jan2015, 06:06	0.2
PW10.1_P	0.0021	0.0	01Jan2015, 00:00	0.0
PW10.1	0.0058	3.8	01Jan2015, 06:06	0.2
PW10.1_Pond	0.0058	0.0	01Jan2015, 00:00	0.0
PW10.1_Pond_OUT	0.0058	0.0	01Jan2015, 00:00	0.0
PW1_12	8.088853	561.1	01Jan2015, 07:11	195.9
RT.PW10	8.088853	560.6	01Jan2015, 07:16	196.0
VRW3N_P	0.1018	0.0	01Jan2015, 00:00	0.0
VRW3N_I	0.0936	58.7	01Jan2015, 06:17	4.3
VRW3N	0.1954	58.7	01Jan2015, 06:17	4.3
VRW3N_Pond	0.1954	10.3	01Jan2015, 06:52	4.2
VRW3N_Pond_OUT	0.1954	10.3	01Jan2015, 06:52	4.2
VRW3S_I	0.0822	51.2	01Jan2015, 06:17	3.8
VRW3S_P	0.0727	0.0	02Jan2015, 00:00	0.0
VRW3S	0.1549	51.2	01Jan2015, 06:17	3.8

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VRW3S_Pond	0.1549	24.1	01Jan2015, 06:34	3.8
VRW3S_Pond_OUT	0.1549	24.1	01Jan2015, 06:34	3.8
PW_VRW3	8.439153	582.0	01Jan2015, 07:16	204.0
RT.VRW3	8.439153	581.7	01Jan2015, 07:21	204.1
PW15N_I	0.2036	113.8	01Jan2015, 06:20	9.5
PW15N_P	0.1351	0.0	01Jan2015, 00:00	0.0
PW15N	0.3387	113.8	01Jan2015, 06:20	9.5
PW15N_Pond	0.3387	6.6	01Jan2015, 07:41	9.0
PW15N_Pond_OUT	0.3387	6.6	01Jan2015, 07:41	9.0
PW14.1_I	0.1245	79.7	01Jan2015, 06:16	5.8
PW14.1_P	0.0879	0.0	02Jan2015, 00:00	0.0
PW14.1	0.2124	79.7	01Jan2015, 06:16	5.8
PW14.1_Pond	0.2124	16.1	01Jan2015, 06:48	5.6
PW14.1_Pond_OUT	0.2124	16.1	01Jan2015, 06:48	5.6
PW13_I	0.0313	19.7	01Jan2015, 06:16	1.5
PW13_P	0.0238	0.0	02Jan2015, 00:01	0.0
PW13	0.0551	19.7	01Jan2015, 06:16	1.5
PW13_Pond	0.0551	3.4	01Jan2015, 06:51	1.4
PW13_Pond_OUT	0.0551	3.4	01Jan2015, 06:51	1.4
PW14.2_I	0.0149	10.3	01Jan2015, 06:14	0.7
PW14.2_P	0.0095	0.0	01Jan2015, 00:00	0.0
PW14.2	0.0244	10.3	01Jan2015, 06:14	0.7
PW14.2_Pond	0.0244	1.6	01Jan2015, 06:49	0.7
PW14.2_Pond_OUT	0.0244	1.6	01Jan2015, 06:49	0.7
PW13_14.2	0.0795	5.0	01Jan2015, 06:51	2.1
RT.PW13	0.0795	5.0	01Jan2015, 07:21	2.1
PW13_14.1	0.2919	19.8	01Jan2015, 07:05	7.8
RT.PW14.1	0.2919	19.8	01Jan2015, 07:09	7.8
PW14_I	0.0692	45.1	01Jan2015, 06:15	3.2
PW14_P	0.0499	0.0	01Jan2015, 00:00	0.0
PW14	0.1191	45.1	01Jan2015, 06:15	3.2

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
PW14_Pond	0.1191	4.7	01Jan2015, 07:01	3.0
PW14_Pond_OUT	0.1191	4.7	01Jan2015, 07:01	3.0
PW15S_P	0.0322	0.0	01Jan2015, 00:00	0.0
PW15S_I	0.0301	19.4	01Jan2015, 06:16	1.4
PW15S	0.0623	19.4	01Jan2015, 06:16	1.4
PW15S_Pond	0.0623	3.8	01Jan2015, 06:48	1.4
PW15S_Pond_OUT	0.0623	3.8	01Jan2015, 06:48	1.4
PW15.1_I	0.0144	13.4	01Jan2015, 06:08	0.7
PW15.1_P	0.0089	0.0	01Jan2015, 00:00	0.0
PW15.1	0.0233	13.4	01Jan2015, 06:08	0.7
PW15.1_Pond	0.0233	1.0	01Jan2015, 06:46	0.7
PW15.1_Pond_OUT	0.0233	1.0	01Jan2015, 06:46	0.7
PW14_VRW3	9.274453	616.3	01Jan2015, 07:21	225.9
RT.PW14	9.274453	616.1	01Jan2015, 07:23	225.9
VR5_I	0.1379	79.7	01Jan2015, 06:19	6.4
VR5_P	0.1197	0.0	01Jan2015, 00:00	0.0
VR5	0.2576	79.7	01Jan2015, 06:19	6.4
VR5_Pond	0.2576	33.5	01Jan2015, 06:40	6.3
VR5_Pond_OUT	0.2576	33.5	01Jan2015, 06:40	6.3
TVI1_I	0.0500	32.9	01Jan2015, 06:15	2.3
TVI1_P	0.0459	0.0	01Jan2015, 00:00	0.0
TVI1	0.0959	32.9	01Jan2015, 06:15	2.3
TVI1_Pond	0.0959	23.1	01Jan2015, 06:25	2.3
TVI1_Pond_OUT	0.0959	23.1	01Jan2015, 06:25	2.3
TVI1.1_I	0.0487	36.4	01Jan2015, 06:12	2.3
TVI1.1_P	0.0149	0.0	01Jan2015, 00:00	0.0
TVI1.1	0.0636	36.4	01Jan2015, 06:12	2.3
TVI1.1_Pond	0.0636	4.5	01Jan2015, 06:47	2.2
TVI1.1_Pond_OUT	0.0636	4.5	01Jan2015, 06:47	2.2
TVI_TOTAL	0.1595	27.2	01Jan2015, 06:25	4.5
RT.TVI	0.1595	27.2	01Jan2015, 06:27	4.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR_TVI_PW	9.691553	643.9	01Jan2015, 07:22	236.7
RT.VR5	9.691553	643.7	01Jan2015, 07:26	236.7
SEV1N_P	0.0529	0.0	01Jan2015, 00:00	0.0
SEV1N_I	0.0499	36.0	01Jan2015, 06:13	2.3
SEV1N	0.1028	36.0	01Jan2015, 06:13	2.3
SEV1S_P	0.0375	0.0	01Jan2015, 00:00	0.0
SEV1S_I	0.0293	19.2	01Jan2015, 06:15	1.4
SEV1S	0.0668	19.2	01Jan2015, 06:15	1.4
SEV1S_Pond	0.0668	12.0	01Jan2015, 06:27	1.4
SEV1S_Pond_OUT	0.0668	12.0	01Jan2015, 06:27	1.4
VR_TVI_PW_SEV	9.861153	648.0	01Jan2015, 07:26	240.4
RT.SEV1	9.861153	647.9	01Jan2015, 07:29	240.4
VRW1_I	0.1758	115.5	01Jan2015, 06:15	8.2
VRW1_P	0.1559	0.1	02Jan2015, 00:00	0.1
VRW1	0.3317	115.5	01Jan2015, 06:15	8.2
VRW1_Pond	0.3317	28.8	01Jan2015, 06:42	8.0
VRW1_Pond_OUT	0.3317	28.8	01Jan2015, 06:42	8.0
PW11_I	0.0825	57.5	01Jan2015, 06:14	3.8
PW11_P	0.0444	2.0	01Jan2015, 06:22	0.3
PW11	0.1269	58.8	01Jan2015, 06:14	4.1
PW11_Pond	0.1269	47.5	01Jan2015, 06:21	4.1
PW11_Pond_OUT	0.1269	47.5	01Jan2015, 06:21	4.1
RT.PW11	0.1269	47.4	01Jan2015, 06:27	4.2
RT.PW11A	0.1269	47.3	01Jan2015, 06:28	4.2
PW11_VRW1	0.4586	72.6	01Jan2015, 06:30	12.2
RT.VRW1	0.4586	72.6	01Jan2015, 06:32	12.2
VRW2_I	0.1139	72.6	01Jan2015, 06:16	5.3
VRW2_P	0.0864	0.0	01Jan2015, 00:00	0.0
VRW2	0.2003	72.6	01Jan2015, 06:16	5.3
RT.VRW2	0.2003	72.4	01Jan2015, 06:18	5.3
RT.VRW2A	0.6589	121.6	01Jan2015, 06:28	17.5

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
VR2_I	0.1377	90.1	01Jan2015, 06:15	6.4
VR2_P	0.1126	0.0	01Jan2015, 00:00	0.0
VR2	0.2503	90.1	01Jan2015, 06:15	6.4
VRW1_2_VR2	0.9092	182.3	01Jan2015, 06:23	23.9
RT.VR2	0.9092	182.2	01Jan2015, 06:25	23.9
VR4_I	0.1367	70.7	01Jan2015, 06:23	6.3
VR4_P	0.1165	0.6	01Jan2015, 06:51	0.3
VR4	0.2532	70.8	01Jan2015, 06:23	6.6
VR1_I	0.0497	36.0	01Jan2015, 06:13	2.3
VR1_P	0.0360	0.1	01Jan2015, 06:42	0.1
VR1	0.0857	36.0	01Jan2015, 06:13	2.4
VRW_VR1_4	1.2481	274.1	01Jan2015, 06:22	32.9
VR3_I	0.1746	107.1	01Jan2015, 06:17	8.1
VR3_P	0.1530	0.0	02Jan2015, 00:02	0.0
VR3	0.3276	107.1	01Jan2015, 06:17	8.1
VR6_P	0.1236	4.7	01Jan2015, 06:32	0.8
VR6_I	0.0691	37.3	01Jan2015, 06:21	3.2
VR6	0.1927	40.8	01Jan2015, 06:22	4.0
Las Ventanas Dam	1.7684	48.8	01Jan2015, 07:42	45.1
RT.LVDD	1.7684	48.8	01Jan2015, 07:45	45.1
VR7_I	0.1062	58.8	01Jan2015, 06:20	4.9
VR7_P	0.0886	0.0	01Jan2015, 00:00	0.0
VR7	0.1948	58.8	01Jan2015, 06:20	4.9
Little Window Dam	0.1948	16.1	01Jan2015, 06:52	4.9
LVDD_LWD	1.9632	64.1	01Jan2015, 07:09	50.0
RT.LWD	1.9632	64.1	01Jan2015, 07:11	50.0
SEV2S_P	0.0279	0.0	01Jan2015, 00:00	0.0
SEV2S_I	0.0068	5.7	01Jan2015, 06:10	0.3
SEV2S	0.0347	5.7	01Jan2015, 06:10	0.3
SEV2N_P	0.0198	0.0	01Jan2015, 00:00	0.0
SEV2N_I	0.0007	0.6	01Jan2015, 06:11	0.0

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
SEV2N	0.0205	0.6	01Jan2015, 06:11	0.0
SWINBURNE_INFLOW	11.879553	711.9	01Jan2015, 07:29	290.8