

NEW RIVER DAM														
	DAM DRAWDOWN ESTIMATE													
	STORAGE AT SPILLWAY =			44875.8	ACRE-FEET		ZERO GH=	1391.50						
	RATING TABLE ASSUMES: (1) NO INFLOW (2) NO CLOGGING OF PRINCIPAL OUTLET													
	Time	Time	Elevation	Elevation	Vol	Vol	Q	Q	Inc		Fall	Interval	RoF	RoF
	(days)	(hours)	(feet, GH)	(feet, NAVD88)	(acre-ft)	(cu. Ft.)	cu. Ft. / s	cu ft / hr	Vol	Pct Full	(feet)	(hrs)	(ft/hr)	(ft/30min)
318	0.00	0	67.00	1458.50	44875.8	1954789848	2620	9432000		100.0				
312	0.25	6	66.30	1457.80	43576.6	1898197848	2609	9392400	56592000	97.1	0.70	6	0.117	0.06
306	0.50	12	65.57	1457.07	42282.9	1841843448	2597	9349200	56354400	94.2	0.73	6	0.122	0.06
300	0.75	18	64.83	1456.33	40995.1	1785748248	2585	9306000	56095200	91.4	0.74	6	0.123	0.06
294	1.00	24	64.07	1455.57	39713.3	1729912248	2572	9259200	55836000	88.5	0.76	6	0.127	0.06
288	1.25	30	63.30	1454.80	38437.9	1674357048	2560	9216000	55555200	85.7	0.77	6	0.128	0.06
282	1.50	36	62.52	1454.02	37168.5	1619061048	2547	9169200	55296000	82.8	0.78	6	0.130	0.06
276	1.75	42	61.72	1453.22	35905.6	1564045848	2533	9118800	55015200	80.0	0.80	6	0.133	0.07
270	2.00	48	60.91	1452.41	34649.5	1509333048	2520	9072000	54712800	77.2	0.81	6	0.135	0.07
264	2.25	54	60.08	1451.58	33399.9	1454901048	2506	9021600	54432000	74.4	0.83	6	0.138	0.07
258	2.50	60	59.23	1450.73	32157.3	1400771448	2487	8953200	54129600	71.7	0.85	6	0.142	0.07
252	2.75	66	58.36	1449.86	30924.1	1347052248	2466	8877600	53719200	68.9	0.87	6	0.145	0.07
246	3.00	72	57.48	1448.98	29701.3	1293786648	2444	8798400	53265600	66.2	0.88	6	0.147	0.07
240	3.25	78	56.58	1448.08	28489.4	1240996248	2422	8719200	52790400	63.5	0.90	6	0.150	0.07
234	3.50	84	55.67	1447.17	27288.4	1188681048	2399	8636400	52315200	60.8	0.91	6	0.152	0.08
228	3.75	90	54.74	1446.24	26098.8	1136862648	2375	8550000	51818400	58.2	0.93	6	0.155	0.08
222	4.00	96	53.79	1445.29	24921.1	1085562648	2351	8463600	51300000	55.5	0.95	6	0.158	0.08
216	4.25	102	52.81	1444.31	23755.3	1034781048	2326	8373600	50781600	52.9	0.98	6	0.163	0.08
210	4.50	108	51.82	1443.32	22601.9	984539448	2301	8283600	50241600	50.4	0.99	6	0.165	0.08
204	4.75	114	50.79	1442.29	21460.9	934837848	2274	8186400	49701600	47.8	1.03	6	0.172	0.09
198	5.00	120	49.74	1441.24	20333.3	885719448	2246	8085600	49118400	45.3	1.05	6	0.175	0.09
192	5.25	126	48.67	1440.17	19219.6	837205848	2218	7984800	48513600	42.8	1.07	6	0.178	0.09
186	5.50	132	47.56	1439.06	18119.8	789297048	2189	7880400	47908800	40.4	1.11	6	0.185	0.09
180	5.75	138	46.42	1437.92	17034.3	742014648	2158	7768800	47282400	38.0	1.14	6	0.190	0.10
174	6.00	144	45.23	1436.73	15964.2	695401848	2125	7650000	46612800	35.6	1.19	6	0.198	0.10
168	6.25	150	44.00	1435.50	14910.5	649501848	2092	7531200	45900000	33.2	1.23	6	0.205	0.10
162	6.50	156	42.73	1434.23	13873.2	604314648	2056	7401600	45187200	30.9	1.27	6	0.212	0.11
156	6.75	162	41.41	1432.91	12853.7	559905048	2019	7268400	44409600	28.6	1.32	6	0.220	0.11
150	7.00	168	40.04	1431.54	11852.5	516294648	1978	7120800	43610400	26.4	1.37	6	0.228	0.11
144	7.25	174	38.61	1430.11	10871.7	473569848	1934	6962400	42724800	24.2	1.43	6	0.238	0.12
138	7.50	180	37.12	1428.62	9912.7	431795448	1886	6789600	41774400	22.1	1.49	6	0.248	0.12
132	7.75	186	35.57	1427.07	8977.5	391057848	1837	6613200	40737600	20.0	1.55	6	0.258	0.13
126	8.00	192	33.95	1425.45	8066.5	351378648	1784	6422400	39679200	18.0	1.62	6	0.270	0.14
120	8.25	198	32.27	1423.77	7181.9	312844248	1728	6220800	38534400	16.0	1.68	6	0.280	0.14
114	8.50	204	30.50	1422.00	6325.1	275519448	1668	6004800	37324800	14.1	1.77	6	0.295	0.15
108	8.75	210	28.63	1420.13	5497.9	239490648	1603	5770800	36028800	12.3	1.87	6	0.312	0.16
102	9.00	216	26.67	1418.17	4703.1	204865848	1533	5518800	34624800	10.5	1.96	6	0.327	0.16

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	Time (days)	Time (hours)	Elevation (feet, GH)	Elevation (feet, NAVD88)	Vol (acre-ft)	Vol (cu. Ft.)	Q cu. Ft. / s	Q cu ft / hr	Inc Vol	Pct Full	Fall (feet)	Interval (hrs)	RoF (ft/hr)	RoF (ft/30min)
96	9.25	222	24.56	1416.06	3942.9	171753048	1452	5227200	33112800	8.8	2.11	6	0.352	0.18
90	9.50	228	22.25	1413.75	3222.9	140389848	1357	4885200	31363200	7.2	2.31	6	0.385	0.19
84	9.75	234	19.75	1411.25	2550.0	111078648	1250	4500000	29311200	5.7	2.50	6	0.417	0.21
78	10.00	240	17.10	1408.60	1930.2	84078648	1114	4010400	27000000	4.3	2.65	6	0.442	0.22
74	10.17	244	15.36	1406.86	1561.9	68037048	1022	3679200	16041600	3.5	1.74	4	0.435	0.22
70	10.33	248	13.65	1405.15	1224.1	53320248	889	3200400	14716800	2.7	1.71	4	0.428	0.21
66	10.50	252	12.03	1403.53	930.2	40518648	755	2718000	12801600	2.1	1.62	4	0.405	0.20
62	10.67	256	10.47	1401.97	680.6	29646648	600	2160000	10872000	1.5	1.56	4	0.390	0.20
58	10.83	260	8.99	1400.49	482.2	21006648	518	1864800	8640000	1.1	1.48	4	0.370	0.19
56	10.92	262	8.21	1399.71	396.6	17277048	450	1620000	3729600	0.9	0.78	2	0.390	0.20
54	11.00	264	7.38	1398.88	322.2	14037048	377	1357200	3240000	0.7	0.83	2	0.415	0.21
52	11.08	266	6.62	1398.12	259.9	11322648	315	1134000	2714400	0.6	0.76	2	0.380	0.19
50	11.17	268	5.86	1397.36	207.9	9054648	258	928800	2268000	0.5	0.76	2	0.380	0.19
48	11.25	270	5.15	1396.65	165.2	7197048	209	752400	1857600	0.4	0.71	2	0.355	0.18
46	11.33	272	4.52	1396.02	130.7	5692248	169	608400	1504800	0.3	0.63	2	0.315	0.16
44	11.42	274	3.97	1395.47	102.7	4475448	137	493200	1216800	0.2	0.55	2	0.275	0.14
42	11.50	276	3.47	1394.97	80.1	3489048	111	399600	986400	0.2	0.50	2	0.250	0.13
40	11.58	278	3.02	1394.52	61.8	2689848	90	324000	799200	0.1	0.45	2	0.225	0.11
38	11.67	280	2.60	1394.10	46.9	2041848	74	266400	648000	0.1	0.42	2	0.210	0.11
36	11.75	282	2.06	1393.56	34.6	1509048	59	212400	532800	0.1	0.54	2	0.270	0.14
34	11.83	284	1.56	1393.06	24.9	1084248	43	154800	424800	0.1	0.50	2	0.250	0.13
32	11.92	286	1.18	1392.68	17.8	774648	29	104400	309600	0.0	0.38	2	0.190	0.10
30	12.00	288	0.90	1392.40	13.0	565848	20	72000	208800	0.0	0.28	2	0.140	0.07
28	12.08	290	0.70	1392.20	9.7	421848	15	54000	144000	0.0	0.20	2	0.100	0.05
26	12.17	292	0.55	1392.05	7.2	313848	11	39600	108000	0.0	0.15	2	0.075	0.04
24	12.25	294	0.44	1391.94	5.4	234648	8	28800	79200	0.0	0.11	2	0.055	0.03
22	12.33	296	0.35	1391.85	4.1	177048	6	21600	57600	0.0	0.09	2	0.045	0.02
20	12.42	298	0.28	1391.78	3.1	133848	4	14400	43200	0.0	0.07	2	0.035	0.02
18	12.50	300	0.23	1391.73	2.4	105048	3	10800	28800	0.0	0.05	2	0.025	0.01
16	12.58	302	0.19	1391.69	1.9	83448	3	10800	21600	0.0	0.04	2	0.020	0.01
14	12.67	304	0.15	1391.65	1.4	61848	2	7200	21600	0.0	0.04	2	0.020	0.01
12	12.75	306	0.13	1391.63	1.1	47448	2	7200	14400	0.0	0.02	2	0.010	0.01
10	12.83	308	0.10	1391.60	0.8	33048	1	3600	14400	0.0	0.03	2	0.015	0.01
8	12.92	310	0.08	1391.58	0.6	25848	1	3600	7200	0.0	0.02	2	0.010	0.01
6	13.00	312	0.06	1391.56	0.4	18648	1	3600	7200	0.0	0.02	2	0.010	0.01
4	13.08	314	0.05	1391.55	0.3	11448	1	3600	7200	0.0	0.01	2	0.005	0.00
2	13.17	316	0.02	1391.52	0.1	4248	1	3600	7200	0.0	0.03	2	0.015	0.01

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	DAM DRAWDOWN ESTIMATE													
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	RATING TABLE ASSUMES: (1) NO INFLOW (2) NO CLOGGING OF PRINCIPAL OUTLET													
	Time (days)	Time (hours)	Elevation (feet, GH)	Elevation (feet, NAVD88)	Vol (acre-ft)	Vol (cu. Ft.)	Q cu. Ft. / s	Q cu ft / hr	Inc Vol	Pct Full	Fall (feet)	Interval (hrs)	RoF (ft/hr)	RoF (ft/30min)
0	13.25	318	0.00	1391.50	0.0		1	3600	7200	0.0	0.02	2	0.010	0.01